

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
 Data File : BG061143.D
 Acq On : 8 May 2024 15:47
 Operator : MA/JU
 Sample : P2408-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061143.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	22	29	40	rVB	220616	392995	21.99%	1.325%
2	5.532	426	433	441	rBV	411474	666790	37.31%	2.247%
3	6.631	613	620	629	rVB	369651	591830	33.12%	1.995%
4	7.112	693	702	714	rBV	447680	772884	43.25%	2.605%
5	7.377	741	747	754	rBV5	21900	52635	2.95%	0.177%
6	7.565	774	779	786	rVB	55815	85761	4.80%	0.289%
7	7.935	833	842	849	rBV3	105135	198921	11.13%	0.670%
8	8.464	923	932	939	rBV4	22750	59341	3.32%	0.200%
9	8.593	947	954	964	rVB4	24885	63474	3.55%	0.214%
10	9.092	1032	1039	1045	rVV	281569	500704	28.02%	1.688%
11	9.163	1045	1051	1061	rVB	131006	220140	12.32%	0.742%
12	9.292	1068	1073	1078	rVB6	21600	45632	2.55%	0.154%
13	9.651	1125	1134	1140	rVV6	31347	84306	4.72%	0.284%
14	10.085	1203	1208	1211	rBV3	38006	60613	3.39%	0.204%
15	10.262	1233	1238	1243	rBV2	29269	46334	2.59%	0.156%
16	10.638	1297	1302	1307	rVV9	21307	51781	2.90%	0.175%
17	10.714	1307	1315	1324	rVV2	260670	660065	36.93%	2.225%
18	10.796	1324	1329	1334	rVV7	40282	101944	5.70%	0.344%
19	10.849	1334	1338	1342	rVV7	29916	61413	3.44%	0.207%
20	10.896	1342	1346	1351	rVV	67518	104299	5.84%	0.352%
21	10.955	1351	1356	1364	rVV8	24423	57022	3.19%	0.192%
22	11.137	1379	1387	1393	rBV8	19671	58924	3.30%	0.199%
23	11.196	1393	1397	1406	rVB8	24994	63957	3.58%	0.216%
24	11.437	1433	1438	1441	rVV5	47444	96878	5.42%	0.327%
25	11.496	1445	1448	1454	rVB4	28883	48624	2.72%	0.164%
26	11.572	1456	1461	1467	rVB3	54299	95447	5.34%	0.322%
27	11.648	1468	1474	1481	rBV3	68657	129610	7.25%	0.437%
28	11.760	1487	1493	1498	rBV2	76408	142702	7.98%	0.481%
29	11.919	1513	1520	1528	rBV3	65695	130998	7.33%	0.442%
30	12.154	1554	1560	1565	rBV	286191	425431	23.80%	1.434%
31	12.277	1577	1581	1587	rVB4	28744	58201	3.26%	0.196%
32	12.365	1591	1596	1606	rVB	91461	198931	11.13%	0.671%
33	12.641	1638	1643	1648	rVV4	77061	135282	7.57%	0.456%
34	12.782	1661	1667	1671	rBV6	43046	70113	3.92%	0.236%
35	12.829	1671	1675	1682	rBV6	36722	69970	3.92%	0.236%
36	12.894	1682	1686	1689	rBV3	42047	63748	3.57%	0.215%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.964	1694	1698	1703	rVB3	52865	84389	4.72%	0.284%
38	13.053	1708	1713	1718	rBV4	60036	109919	6.15%	0.370%
39	13.111	1718	1723	1728	rVB3	110989	164842	9.22%	0.556%
40	13.188	1729	1736	1746	rVB	682067	1061917	59.42%	3.579%

41	13.270	1746	1750	1756	rVB7	27552	47961	2.68%	0.162%
42	13.393	1765	1771	1778	rBV	375818	547250	30.62%	1.845%
43	13.505	1783	1790	1795	rVV2	68572	187527	10.49%	0.632%
44	13.558	1796	1799	1804	rVB4	55386	73494	4.11%	0.248%
45	13.716	1821	1826	1834	rBV8	38274	95618	5.35%	0.322%

46	13.852	1844	1849	1854	rBV7	33305	100238	5.61%	0.338%
47	14.028	1875	1879	1880	rBV	69841	78499	4.39%	0.265%
48	14.051	1880	1883	1887	rVV2	126253	179372	10.04%	0.605%
49	14.093	1887	1890	1896	rVB2	88019	123905	6.93%	0.418%
50	14.222	1907	1912	1916	rBV8	27144	52288	2.93%	0.176%

51	14.410	1941	1944	1948	rVB4	33978	48758	2.73%	0.164%
52	14.469	1949	1954	1959	rBV	476965	620162	34.70%	2.090%
53	14.563	1963	1970	1977	rVV	233682	468758	26.23%	1.580%
54	14.627	1977	1981	1986	rVB	64987	99121	5.55%	0.334%
55	14.927	2026	2032	2035	rBV3	48931	113656	6.36%	0.383%

56	14.968	2035	2039	2045	rVB3	84239	143502	8.03%	0.484%
57	15.085	2056	2059	2068	rVB5	104597	180942	10.12%	0.610%
58	15.156	2068	2071	2074	rBV	41368	47518	2.66%	0.160%
59	15.420	2112	2116	2120	rVB	493189	617329	34.54%	2.081%
60	15.520	2130	2133	2141	rVB6	45425	95608	5.35%	0.322%

61	15.608	2144	2148	2153	rBV	74908	130414	7.30%	0.440%
62	15.826	2179	2185	2190	rVV	169904	306296	17.14%	1.032%
63	15.979	2207	2211	2217	rBV4	66515	118161	6.61%	0.398%
64	16.055	2218	2224	2232	rVB2	674595	1109884	62.10%	3.741%
65	16.284	2258	2263	2266	rBV	555638	755454	42.27%	2.546%

66	16.625	2317	2321	2324	rBV3	53952	80968	4.53%	0.273%
67	16.742	2338	2341	2344	rBV2	40872	44163	2.47%	0.149%
68	16.972	2377	2380	2385	rVB5	39881	57178	3.20%	0.193%
69	17.077	2393	2398	2402	rBV	478437	585176	32.74%	1.972%
70	17.130	2403	2407	2418	rVB	187636	341786	19.12%	1.152%

71	17.312	2433	2438	2442	rBV	274584	414862	23.21%	1.398%
72	17.353	2442	2445	2454	rVV	259463	468504	26.21%	1.579%
73	17.447	2458	2461	2465	rVB2	64622	86292	4.83%	0.291%
74	17.618	2487	2490	2495	rVB2	40554	57044	3.19%	0.192%
75	17.818	2519	2524	2530	rBV	428187	524540	29.35%	1.768%

76	17.982	2550	2552	2557	rVB4	43864	50379	2.82%	0.170%
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77	18.217	2589	2592	2605	rVB2	129316	288022	16.12%	0.971%
78	18.323	2607	2610	2613	rBV2	41138	49173	2.75%	0.166%
79	18.511	2637	2642	2646	rBV	346588	443862	24.84%	1.496%
80	18.975	2717	2721	2725	rBV2	41121	81724	4.57%	0.275%
81	19.028	2725	2730	2736	rVB	1021221	1295411	72.48%	4.366%
82	19.140	2743	2749	2757	rVB	325441	529764	29.64%	1.786%
83	19.375	2780	2789	2796	rBV	857165	1409367	78.86%	4.750%
84	19.486	2803	2808	2809	rBV4	28656	48260	2.70%	0.163%
85	19.733	2840	2850	2858	rBV3	403330	937845	52.48%	3.161%
86	19.933	2877	2884	2890	rBV	1271881	1644604	92.02%	5.543%
87	20.085	2906	2910	2918	rVB	510484	673766	37.70%	2.271%
88	20.250	2935	2938	2942	rVB	171187	181348	10.15%	0.611%
89	20.479	2972	2977	2983	rBV	1318697	1787194	100.00%	6.024%
90	20.679	3008	3011	3016	rVB	77866	99438	5.56%	0.335%
91	20.744	3018	3022	3026	rBV	148398	179230	10.03%	0.604%
92	21.031	3067	3071	3074	rBV2	75136	123375	6.90%	0.416%
93	21.214	3098	3102	3105	rBV2	149215	201239	11.26%	0.678%
94	21.243	3105	3107	3116	rVB3	104775	169192	9.47%	0.570%
95	21.472	3142	3146	3150	rBV2	170592	270641	15.14%	0.912%
96	21.519	3150	3154	3158	rVV	312723	531969	29.77%	1.793%
97	21.572	3158	3163	3168	rVV2	374320	794640	44.46%	2.678%
98	21.619	3169	3171	3178	rVB	142336	189861	10.62%	0.640%
99	22.729	3356	3360	3366	rVB2	134248	204838	11.46%	0.690%
100	24.704	3689	3696	3705	rBV2	146192	392310	21.95%	1.322%

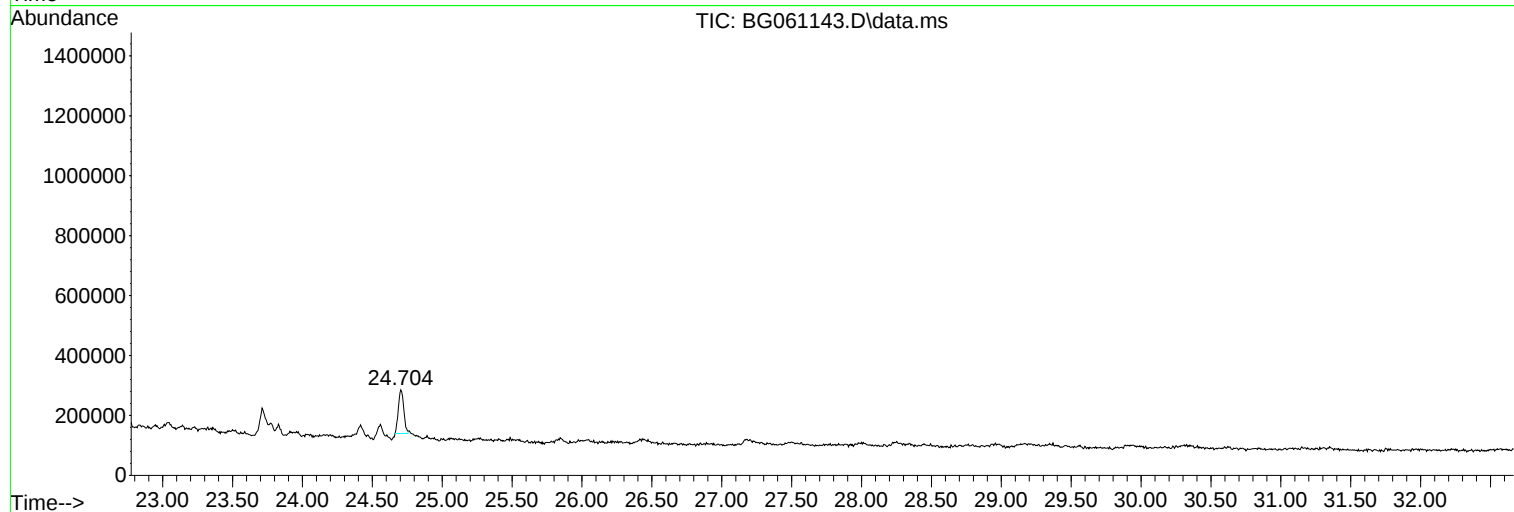
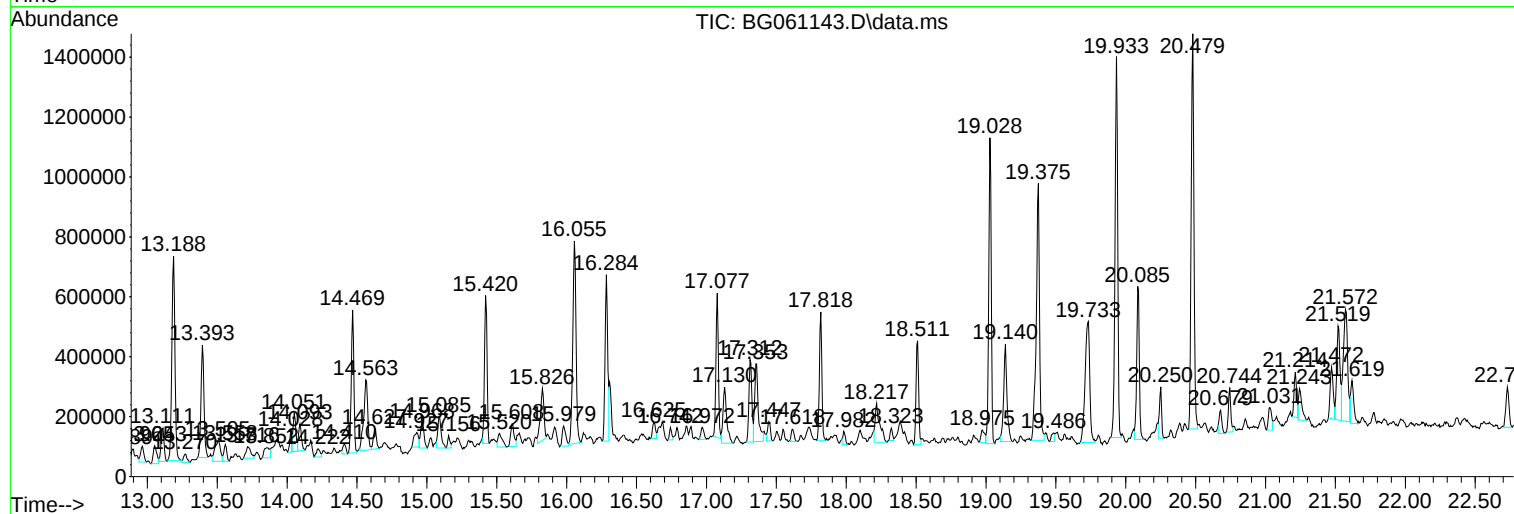
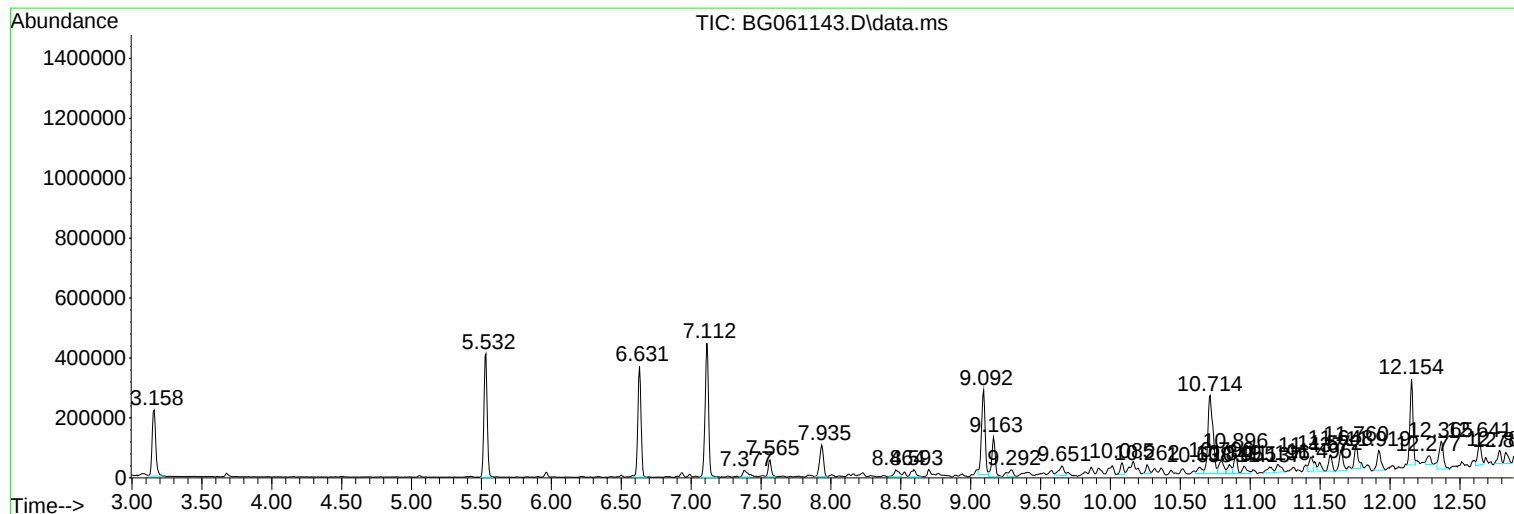
Sum of corrected areas: 29668447

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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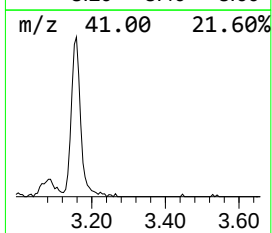
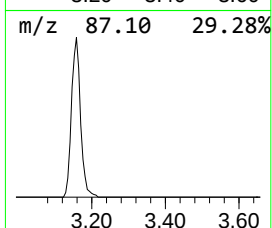
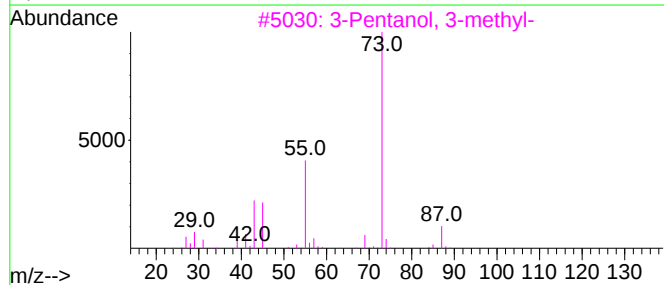
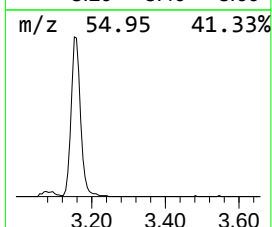
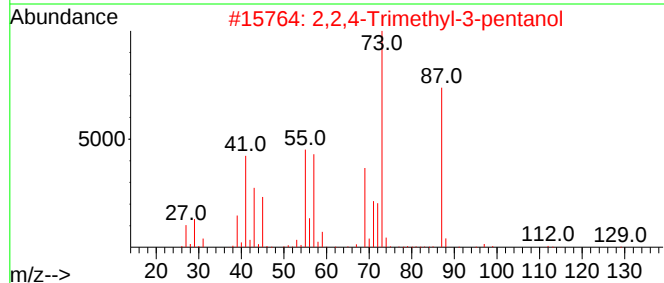
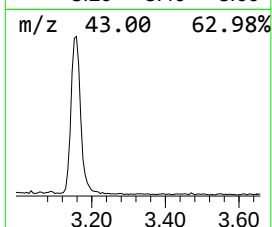
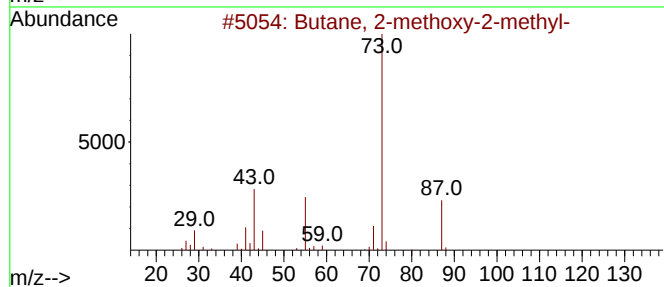
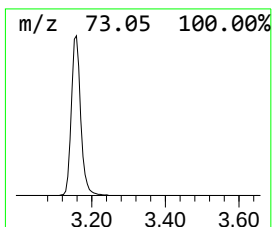
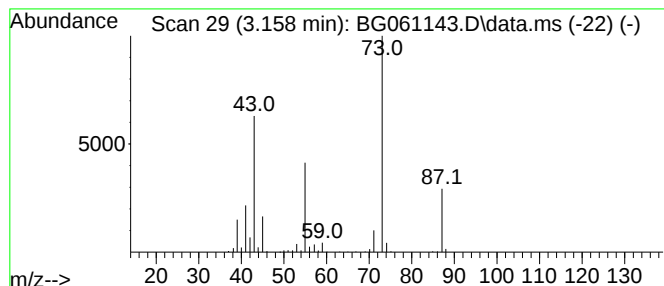
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	39.51 ng	392995	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5			4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	10



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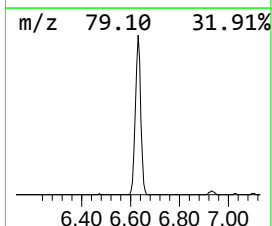
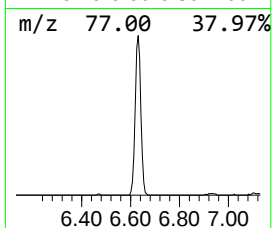
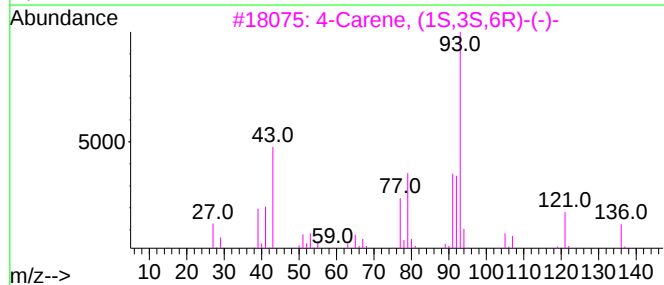
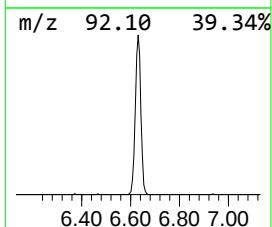
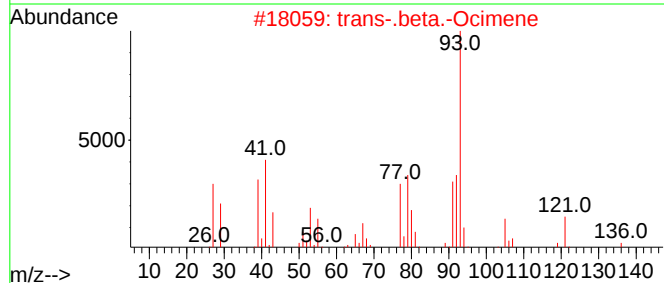
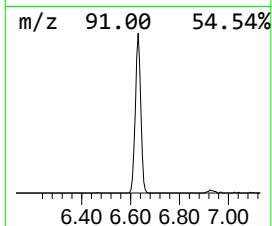
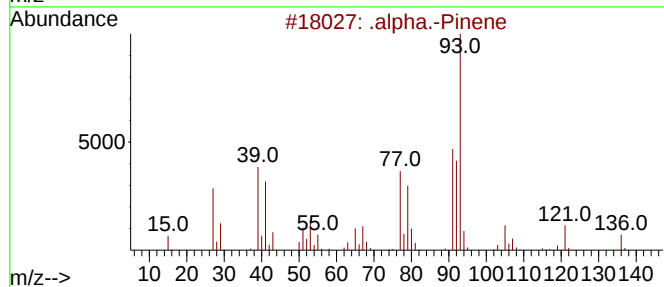
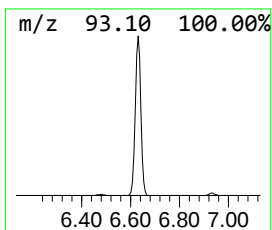
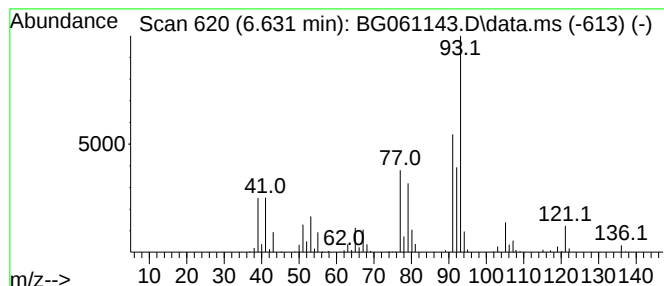
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.631	59.50 ng	591830	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	trans-.		.beta.-Ocimene	136	C10H16	003779-61-1	93
3	4-Carene, (1S,3S,6R)-(-)-			136	C10H16	005208-50-4	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene			136	C10H16	007785-26-4	90



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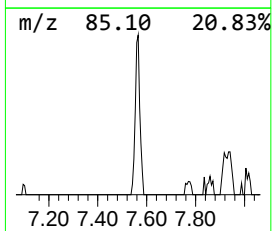
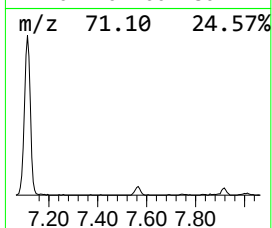
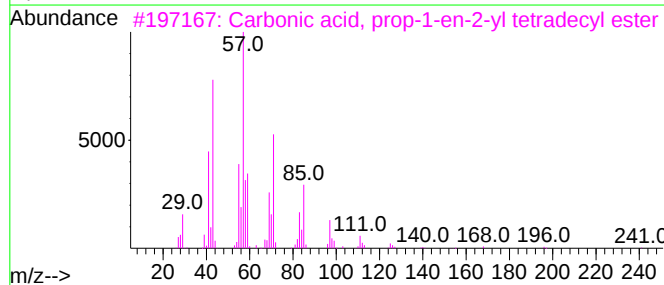
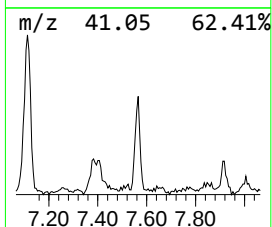
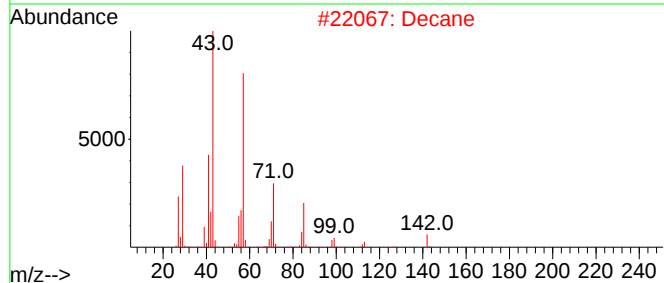
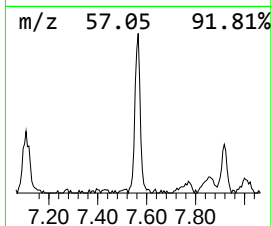
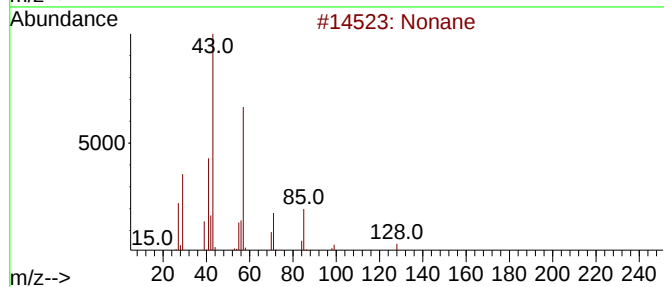
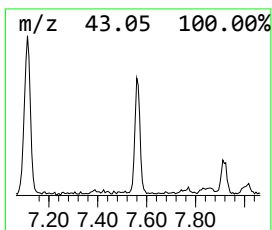
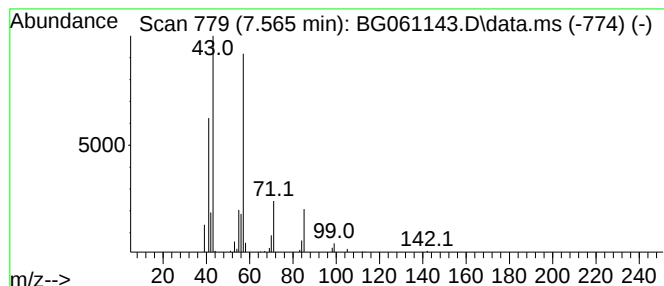
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.565	8.62 ng	85761	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	83
2			Decane	142	C10H22	000124-18-5	74
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
5			Decane, 2-methyl-	156	C11H24	006975-98-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1

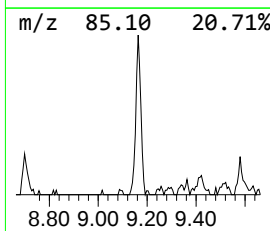
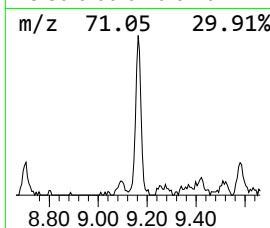
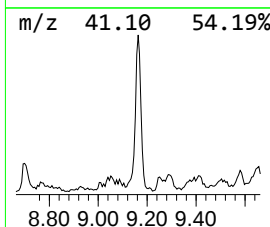
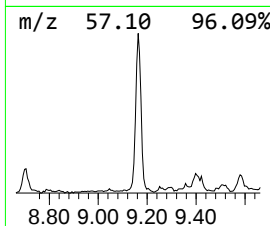
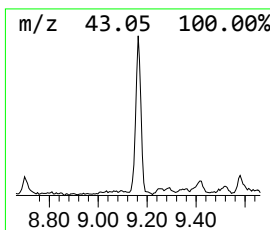
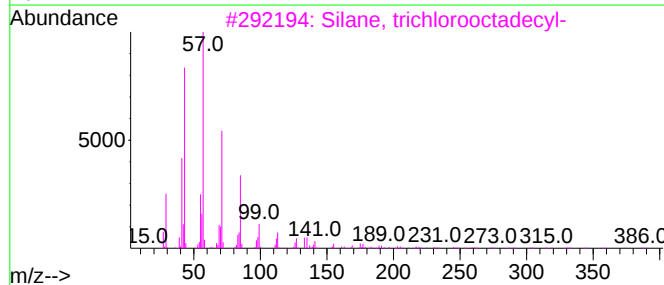
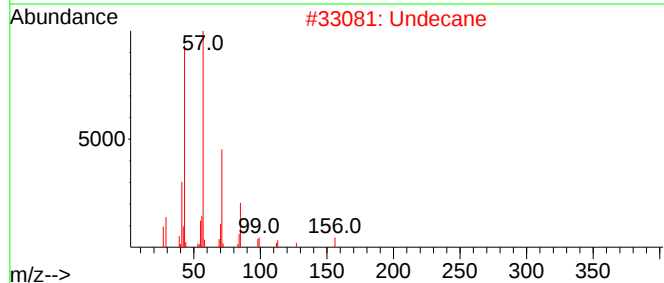
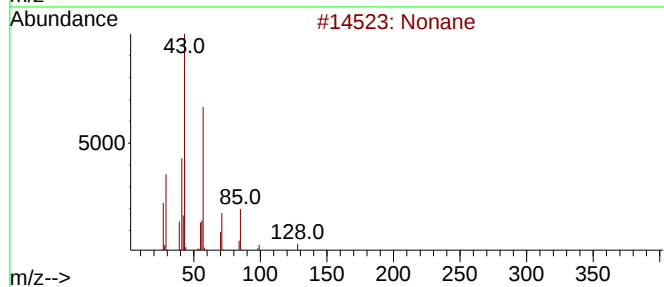
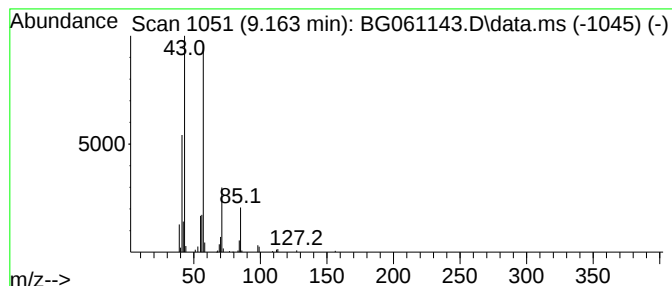
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	22.13 ng	220140	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	78
2			Undecane	156	C11H24	001120-21-4	72
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
4			Octane	114	C8H18	000111-65-9	64
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
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Sample : P2408-01
Misc :
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Instrument :
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ClientSampleId :
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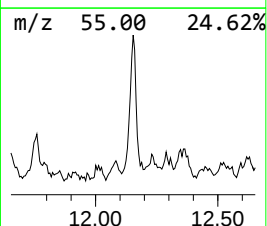
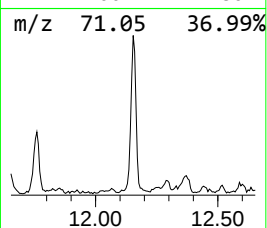
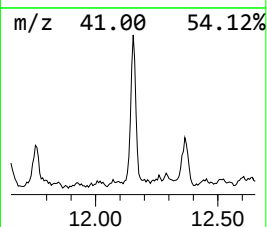
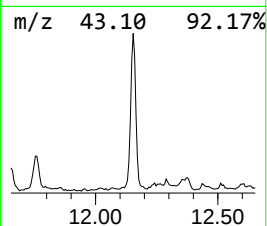
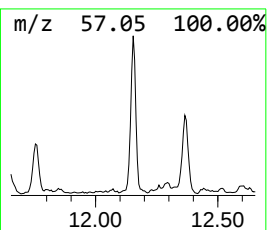
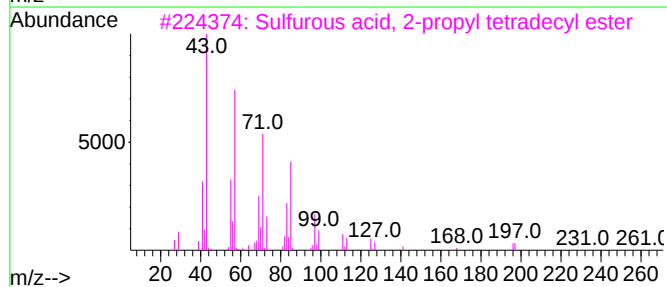
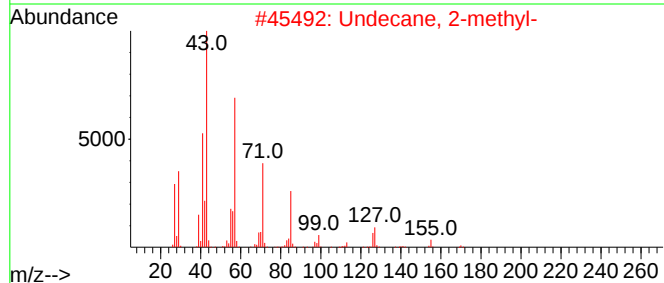
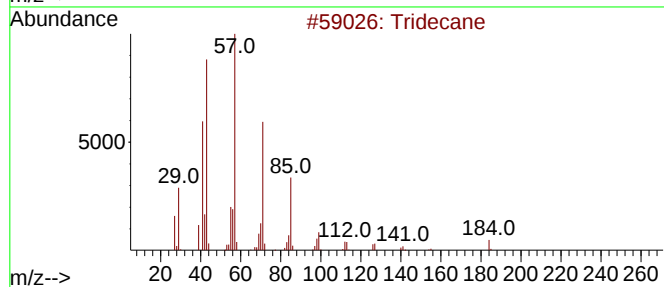
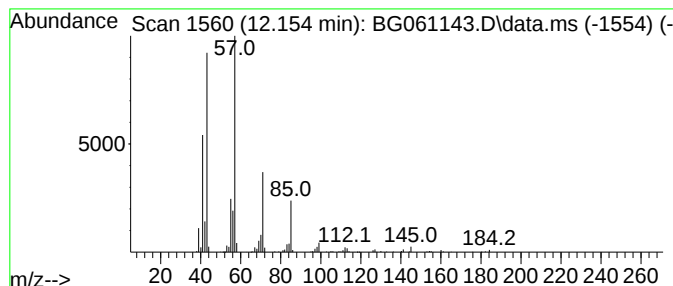
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.154	12.89 ng	425431	Naphthalene-d8	10.732

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1010309-12-5	64
4			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

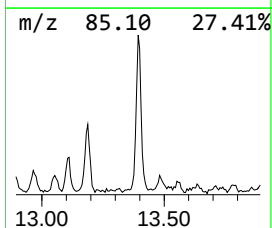
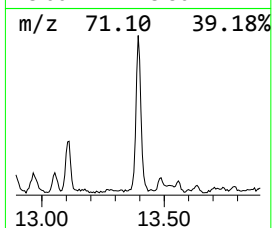
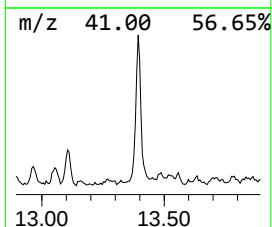
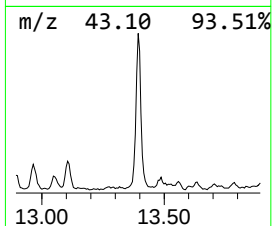
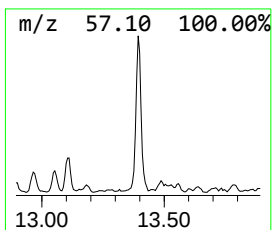
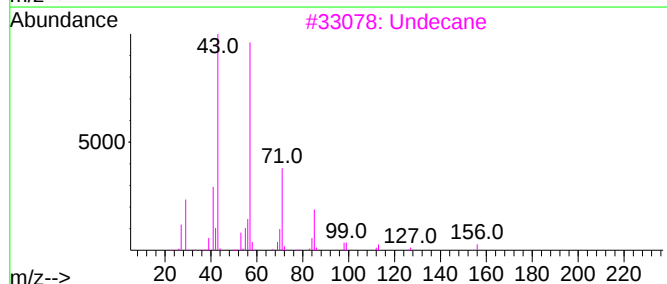
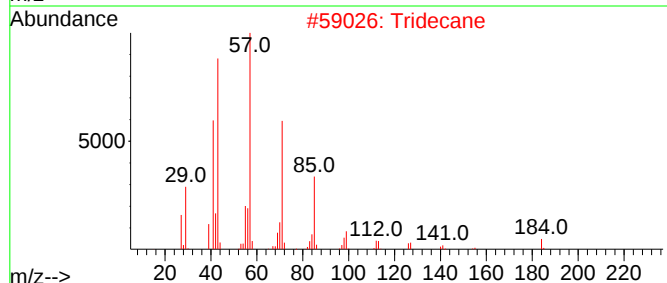
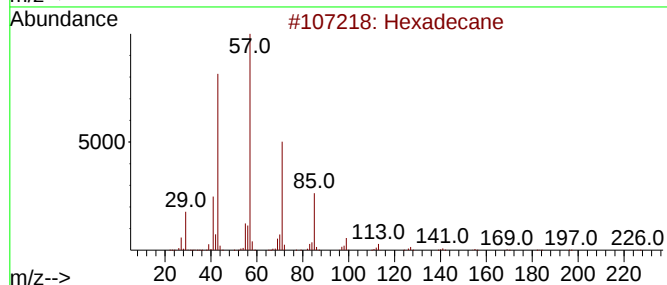
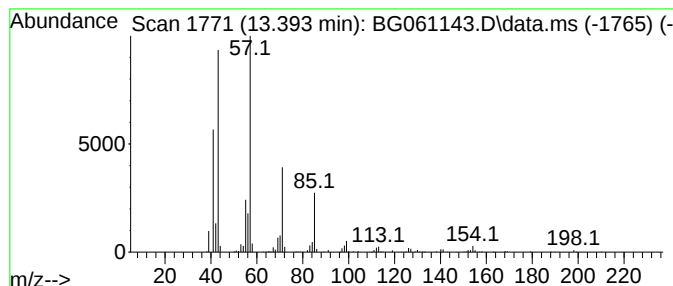
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.393	23.35 ng	547250	Acenaphthene-d10		14.568	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Tridecane		184	C13H28	000629-50-5	72
3	Undecane		156	C11H24	001120-21-4	72
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	72
5	Hexatriacontane		507	C36H74	000630-06-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
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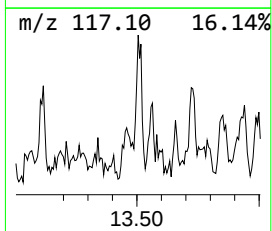
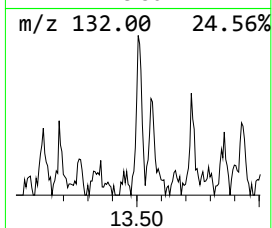
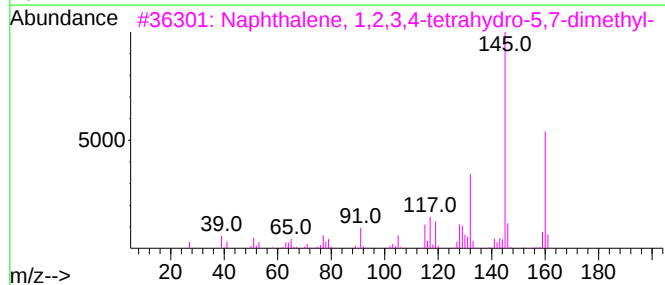
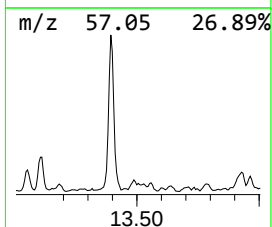
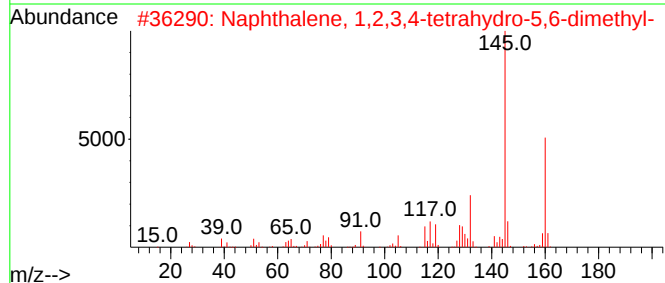
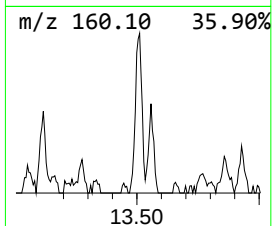
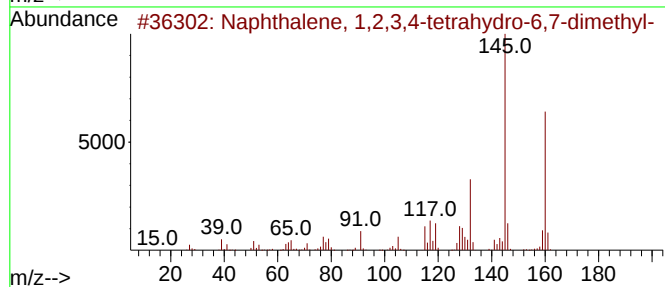
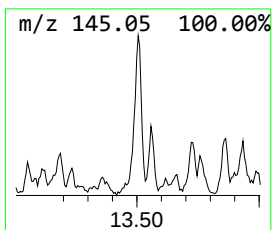
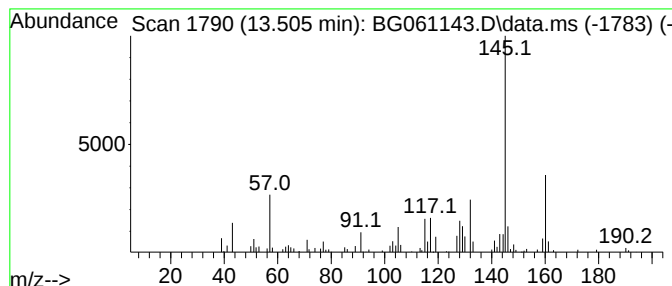
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ClientSampleId :
BIN-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.505	8.00 ng	187527	Acenaphthene-d10	14.568	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	92
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
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Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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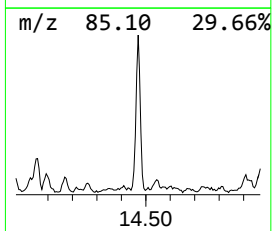
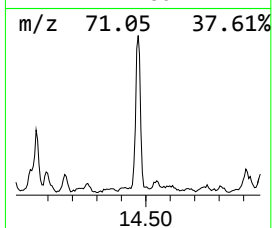
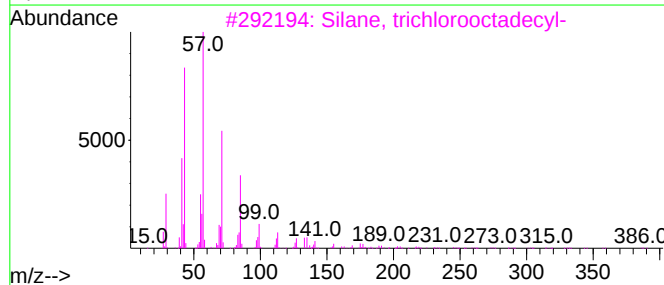
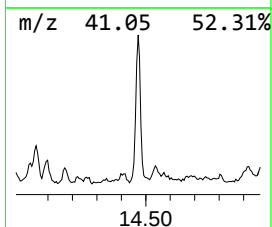
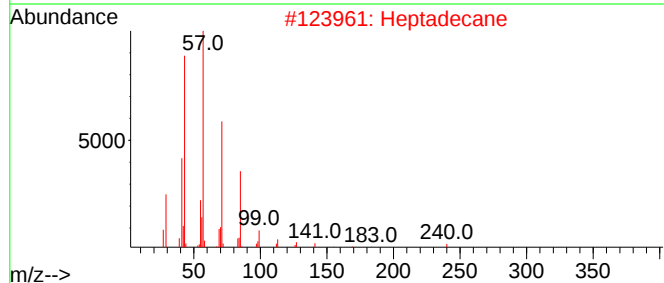
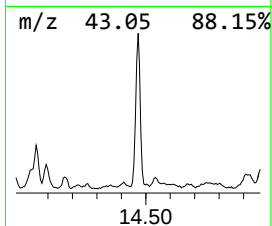
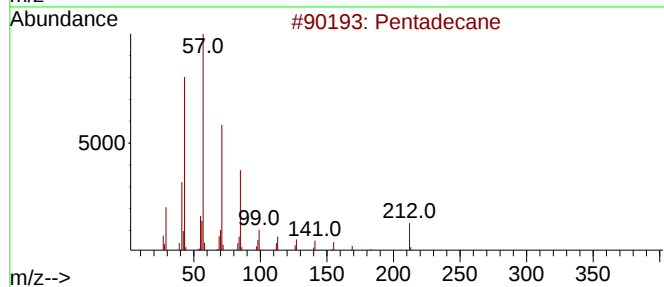
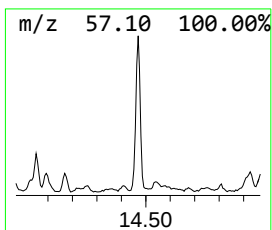
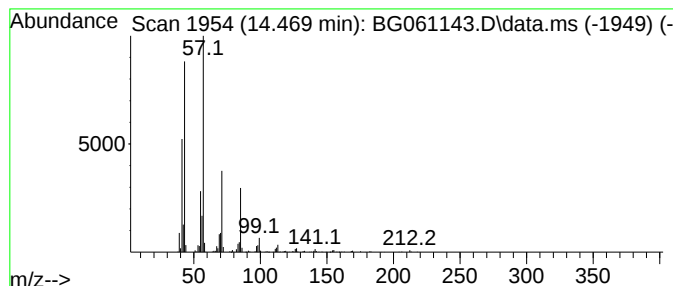
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	26.46 ng	620162	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Heptadecane	240	C17H36	000629-78-7	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
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Acq On : 8 May 2024 15:47
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Misc :
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Instrument :
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ClientSampleId :
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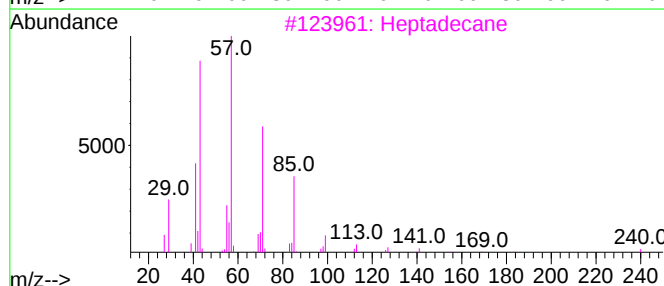
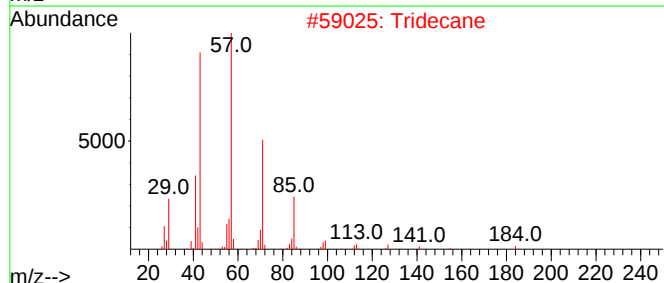
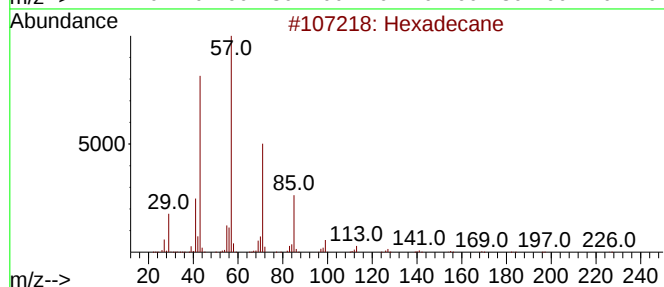
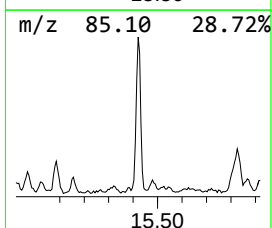
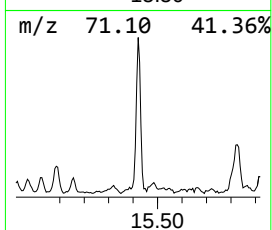
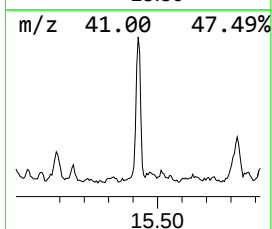
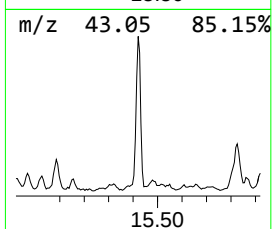
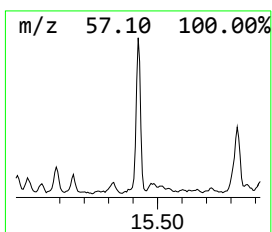
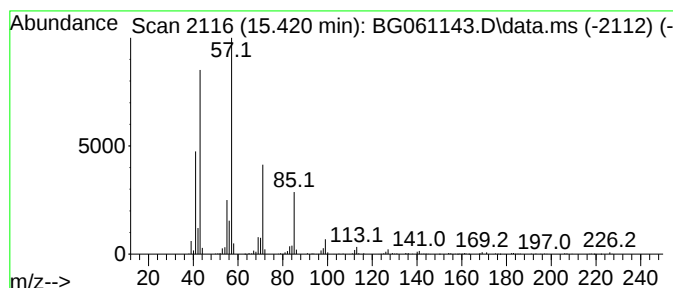
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.420	26.34 ng	617329	Acenaphthene-d10	14.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BIN-1

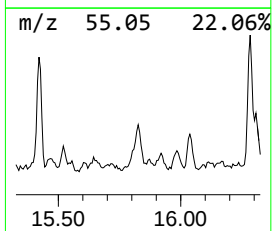
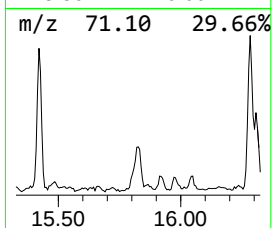
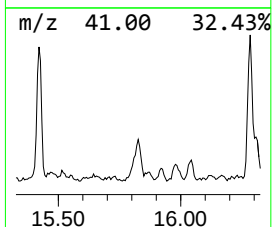
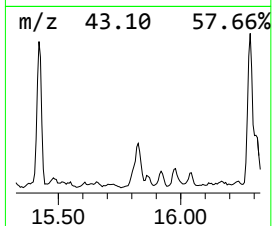
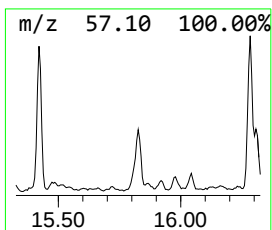
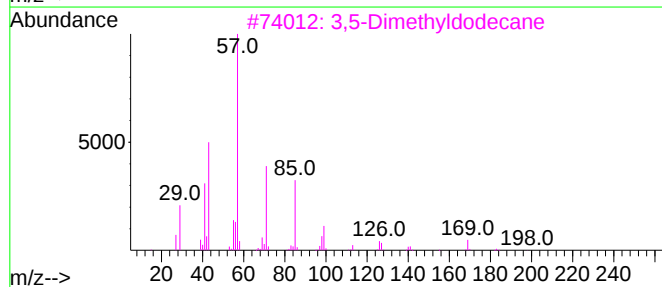
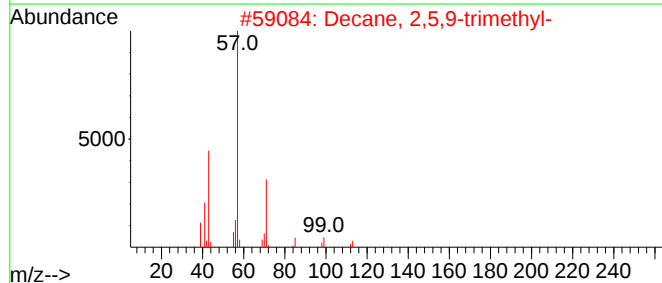
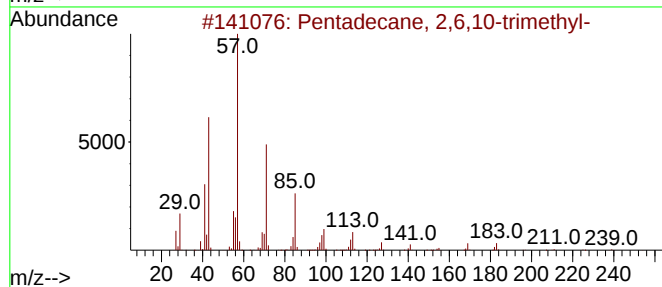
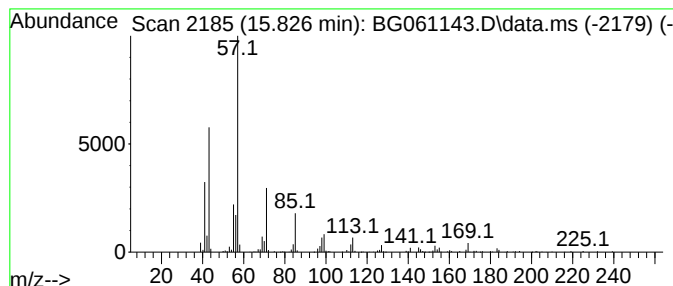
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.826	13.07 ng	306296	Acenaphthene-d10	14.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1

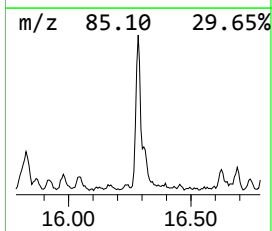
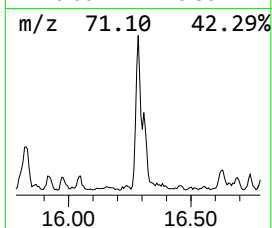
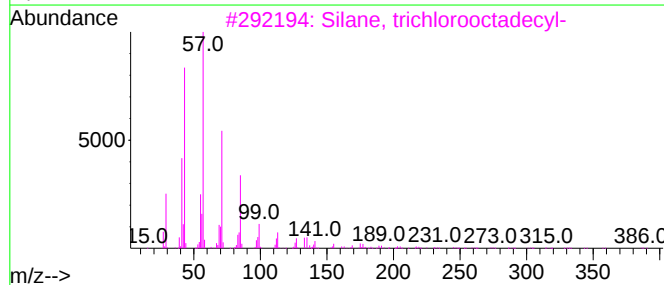
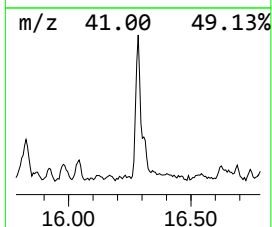
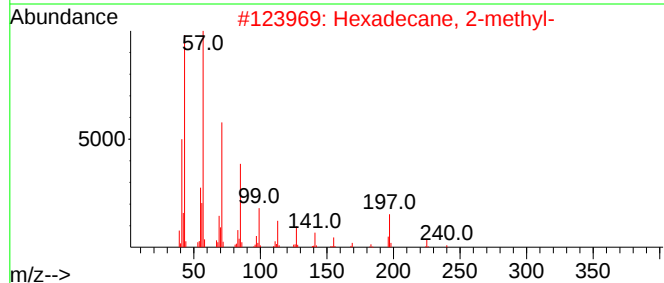
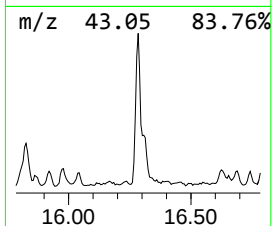
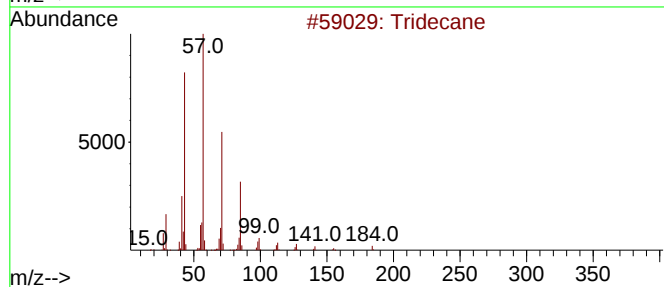
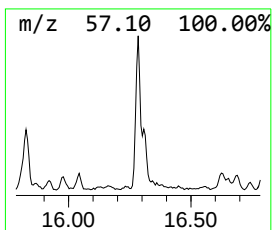
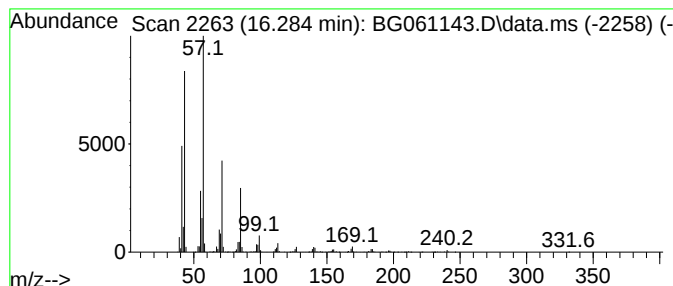
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.284	36.42 ng	755454	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1

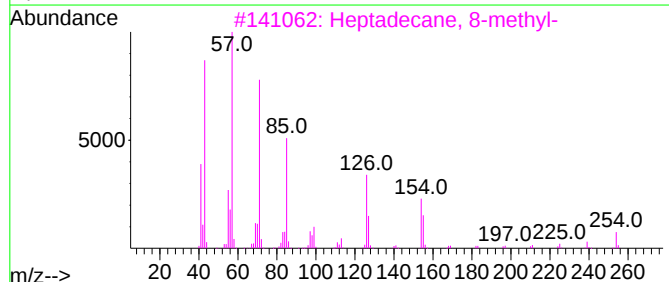
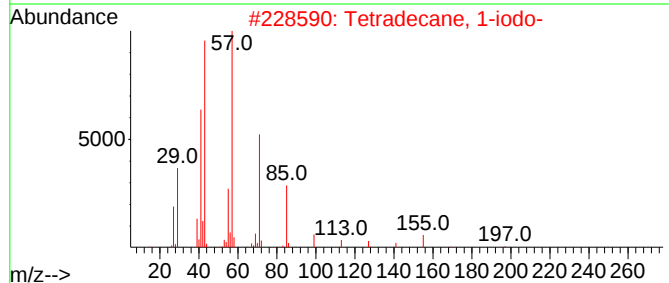
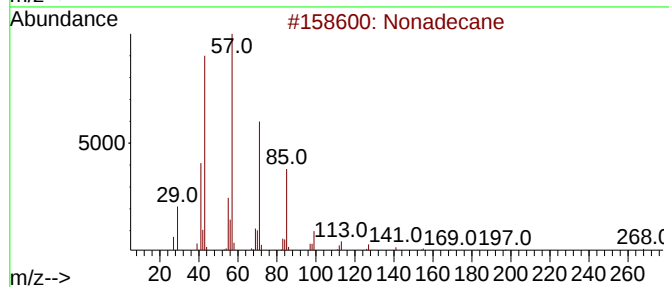
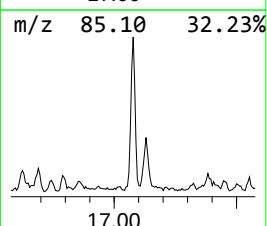
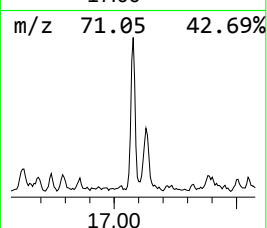
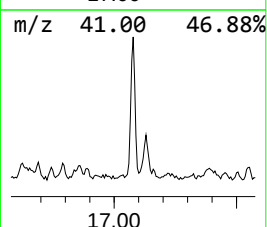
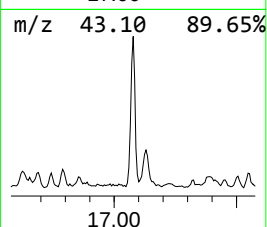
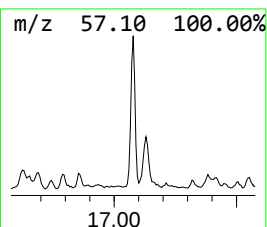
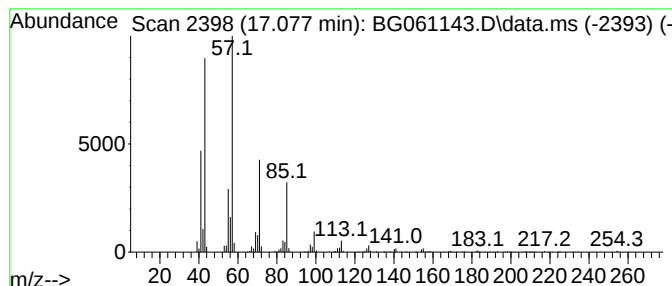
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	28.21 ng	585176	Phenanthrene-d10	17.312

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
5		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
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Operator : MA/JU
Sample : P2408-01
Misc :
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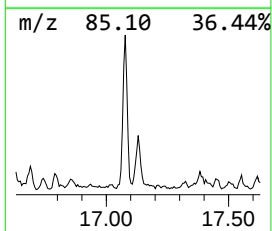
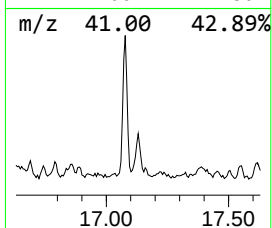
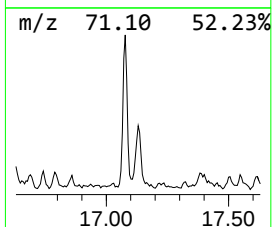
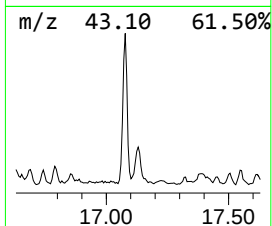
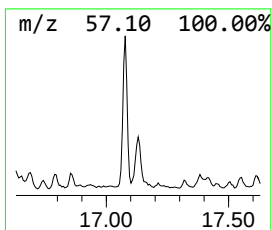
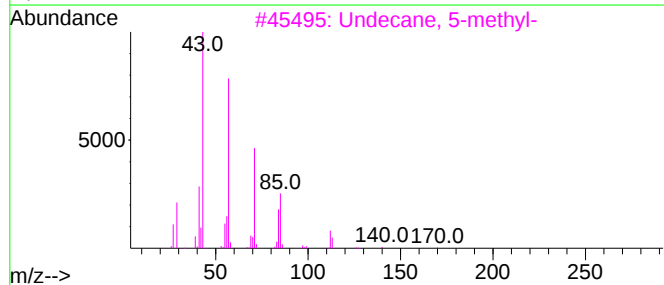
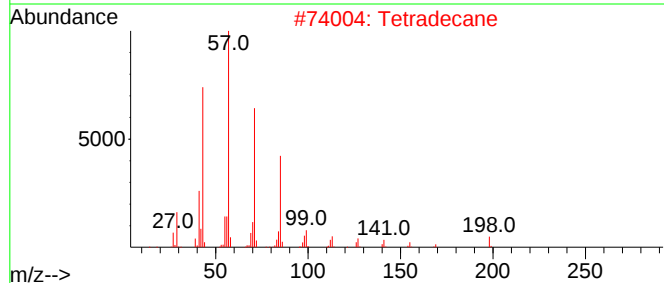
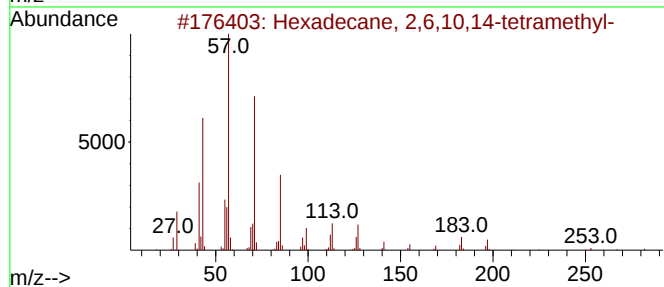
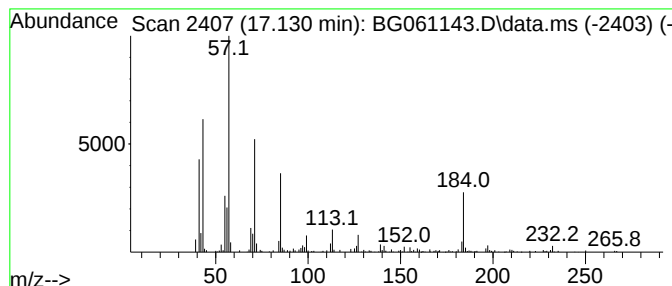
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.130	16.48 ng	341786	Phenanthrene-d10	17.312	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Tetradecane	198	C14H30	000629-59-4	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
5	Decane, 2-methyl-	156	C11H24	006975-98-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
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Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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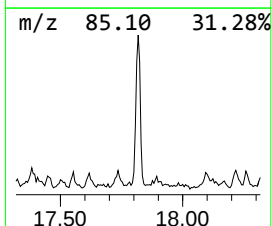
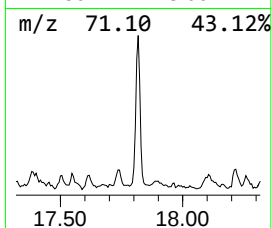
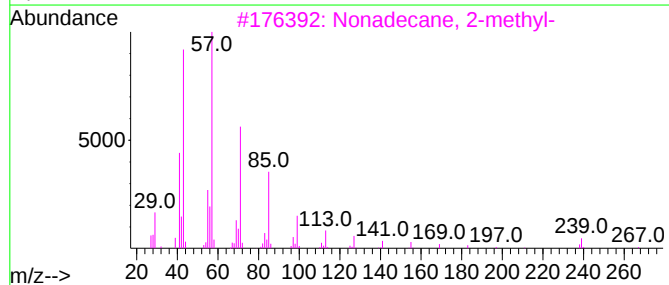
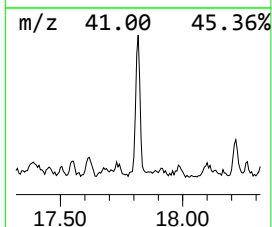
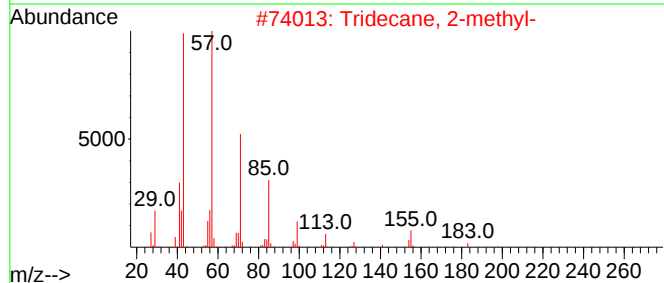
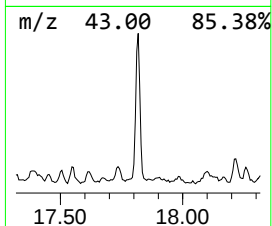
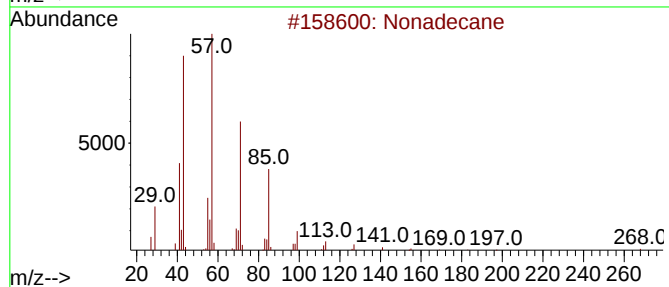
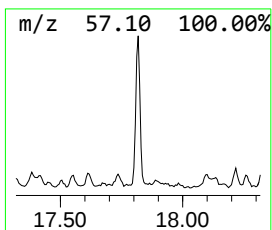
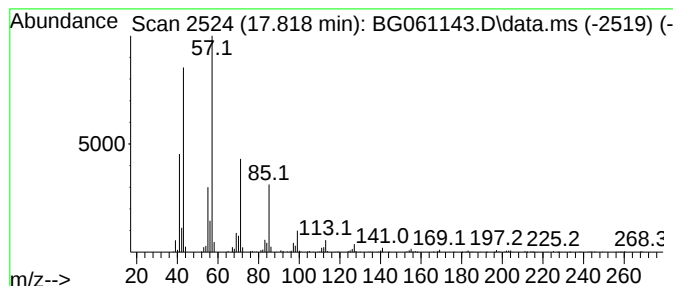
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.818	25.29 ng	524540	Phenanthrene-d10	17.312

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	97
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

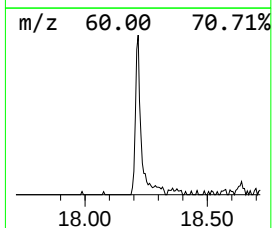
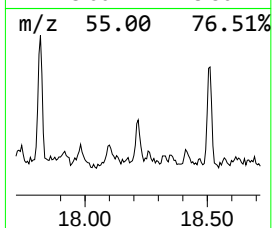
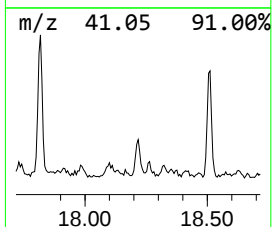
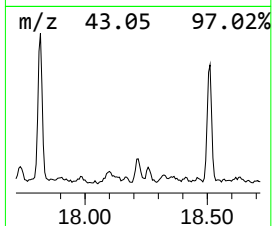
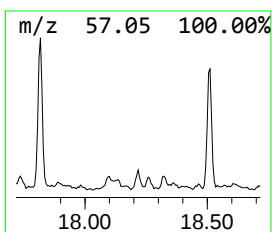
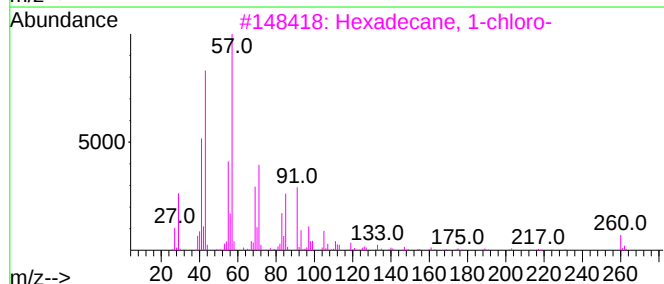
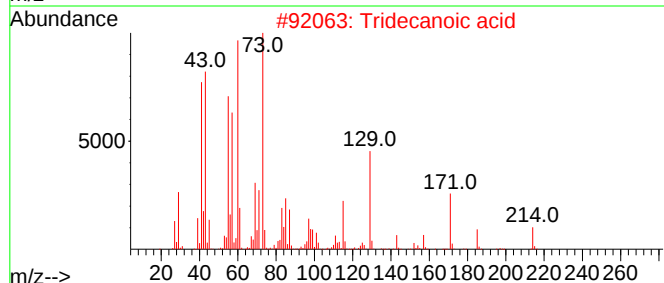
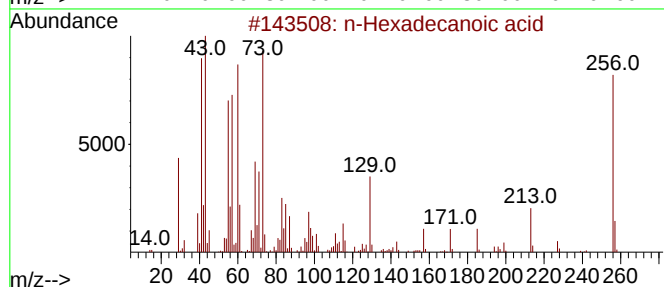
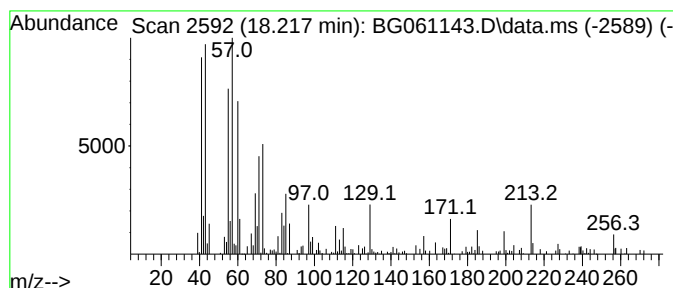
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.217	13.89 ng	288022	Phenanthrene-d10		17.312	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	55
2	Tridecanoic acid		214	C13H26O2	000638-53-9	46
3	Hexadecane, 1-chloro-		260	C16H33Cl	004860-03-1	38
4	Hexadecane		226	C16H34	000544-76-3	35
5	Tridecane		184	C13H28	000629-50-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
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Sample : P2408-01
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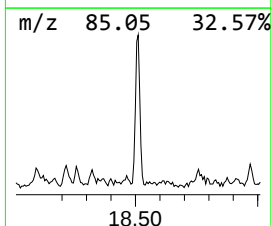
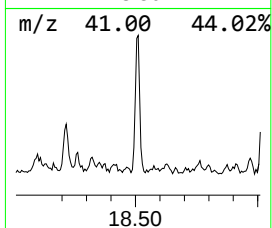
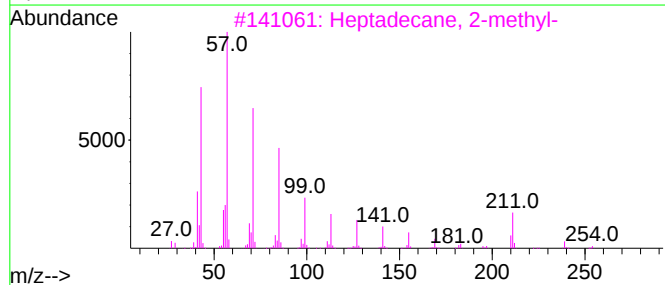
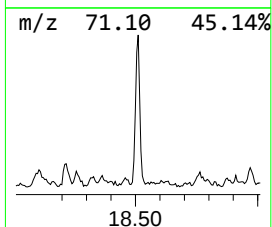
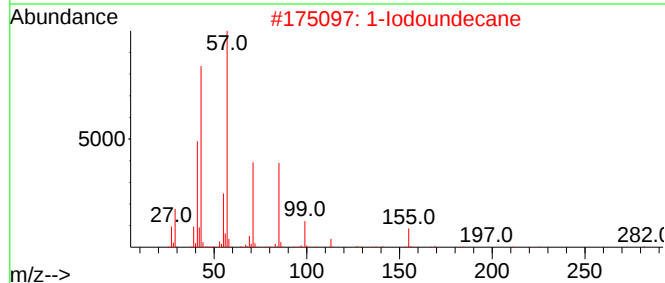
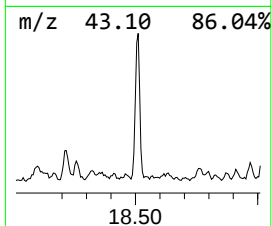
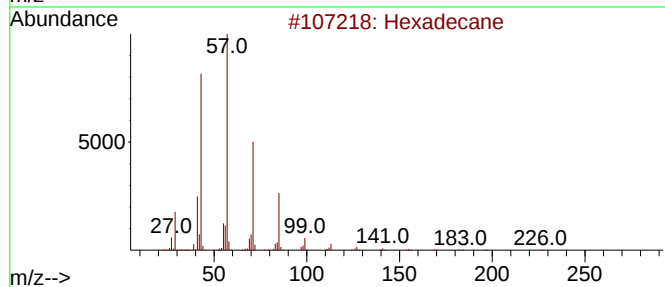
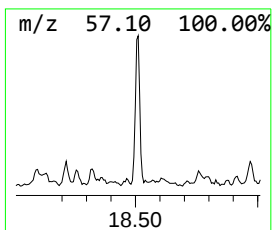
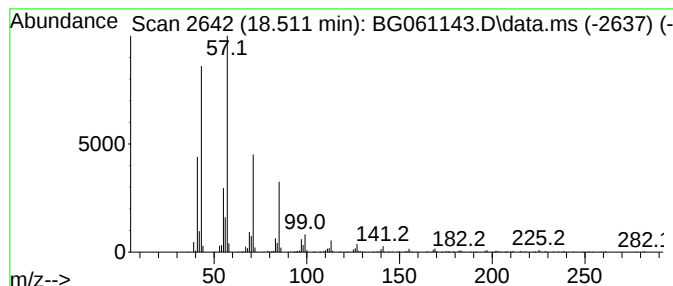
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Iodoundecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.511	21.40 ng	443862	Phenanthrene-d10	17.312	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	1-Iodoundecane	282	C11H23I	004282-44-4	90
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

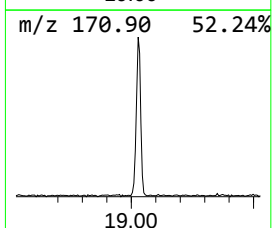
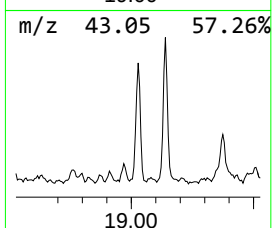
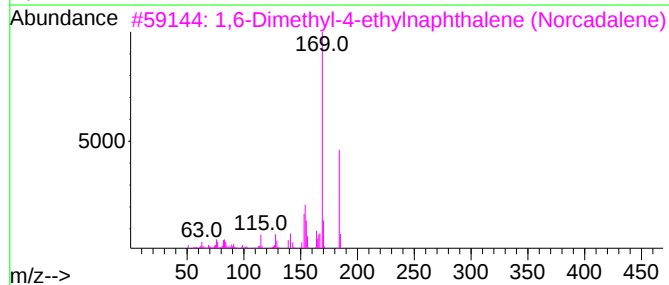
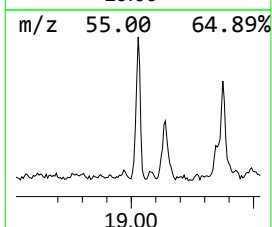
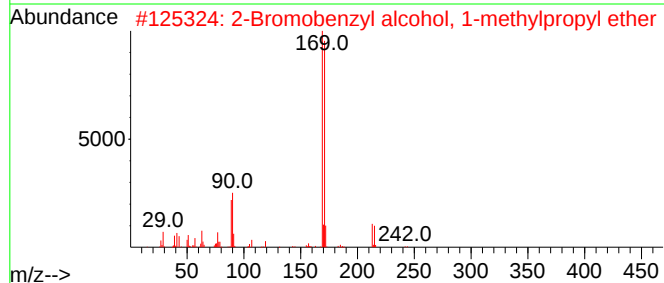
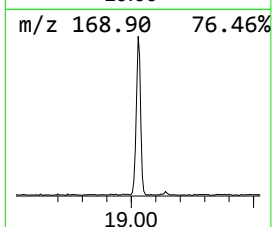
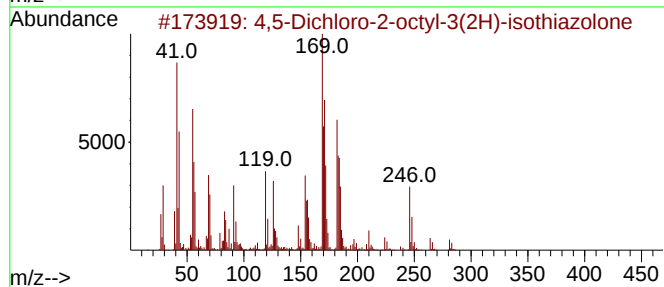
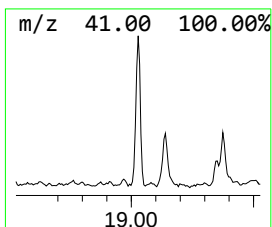
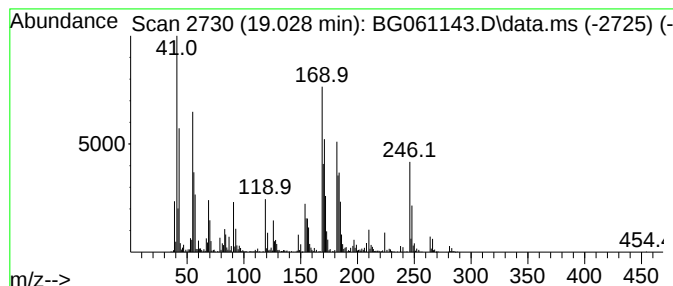
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BNA_G
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4,5-Dichloro-2-octyl-3(2H)-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.028	62.45 ng	1295410	Phenanthrene-d10	17.312	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dichloro-2-octyl-3(2H)-isoth...	281	C11H17Cl2NOS	064359-81-5	91
2	2-Bromobenzyl alcohol, 1-methylp...	242	C11H15BrO	1000378-18-4	27
3	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	25
4	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	22
5	2-Pyridinamine, N-phenyl-	170	C11H10N2	006631-37-4	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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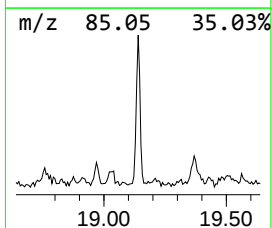
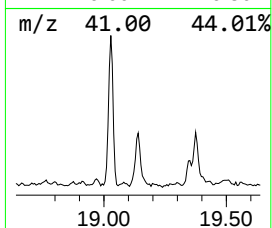
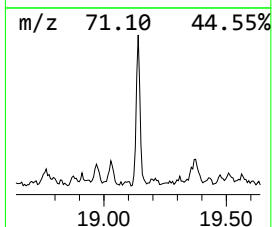
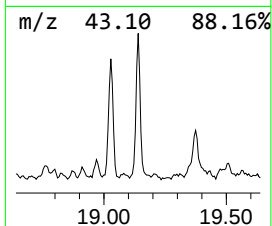
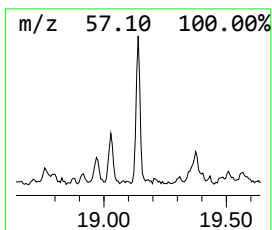
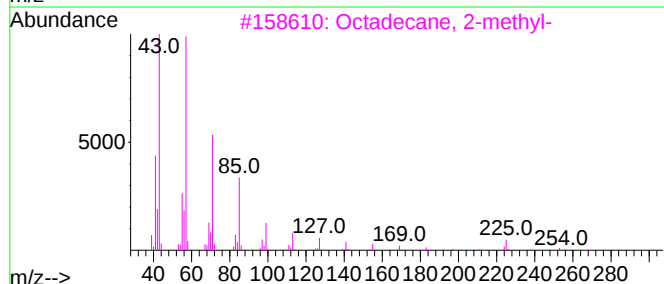
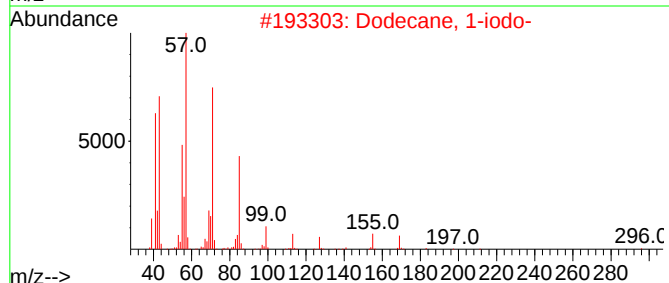
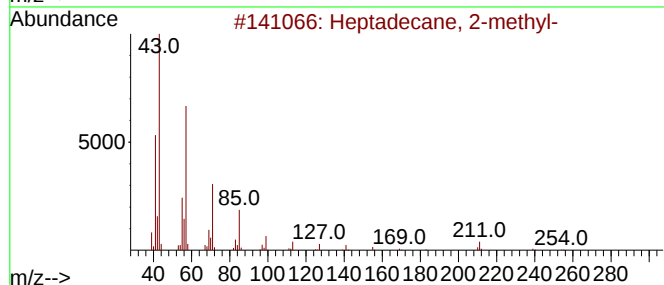
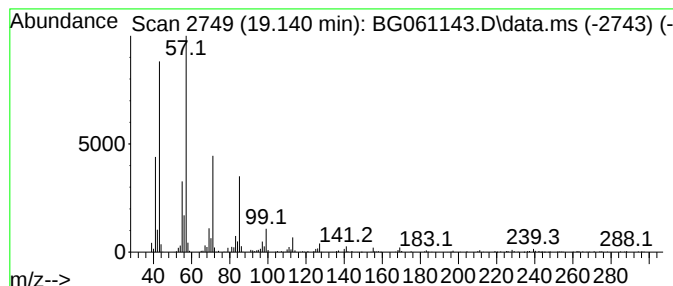
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.140	25.54 ng	529764	Phenanthrene-d10	17.312

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	93
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

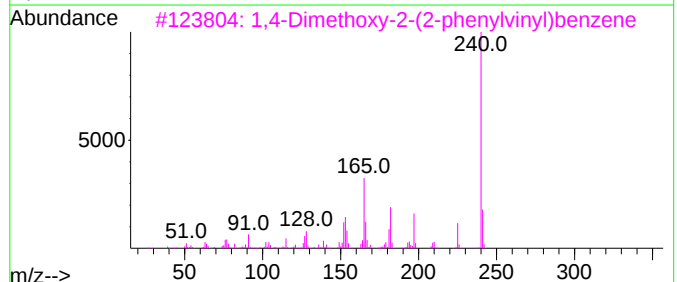
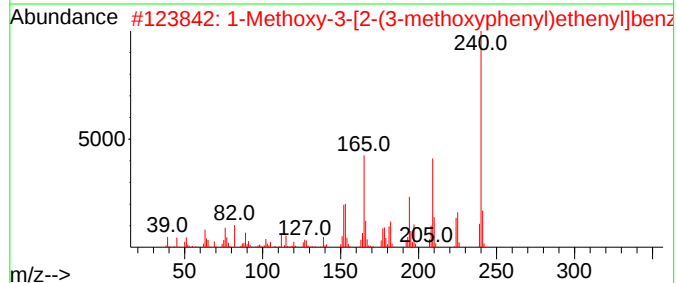
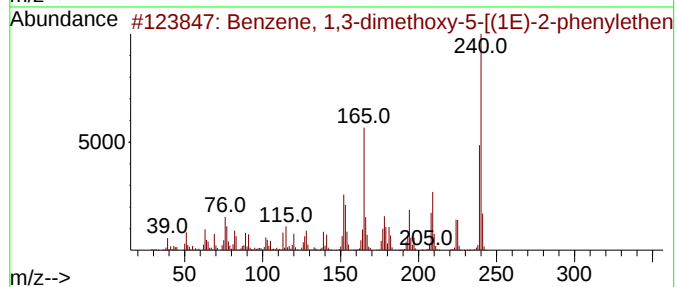
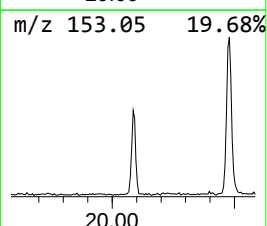
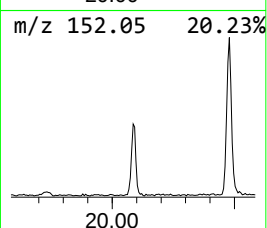
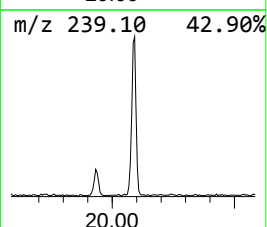
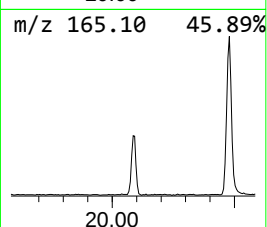
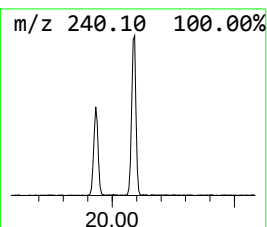
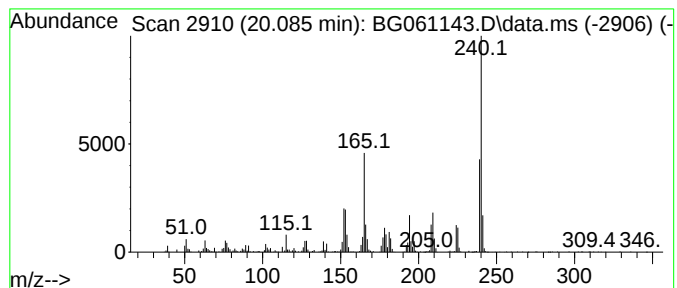
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.086	16.96 ng	673766	Chrysene-d12	21.578	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	1-Methoxy-3-[2-(3-methoxyphenyl)...	240	C16H16O2	006325-63-9	90
3	1,4-Dimethoxy-2-(2-phenylvinyl)b...	240	C16H16O2	021889-09-8	83
4	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	55
5	Benzene, 1,1'-(1,2-ethenediyl)bi...	240	C16H16O2	004705-34-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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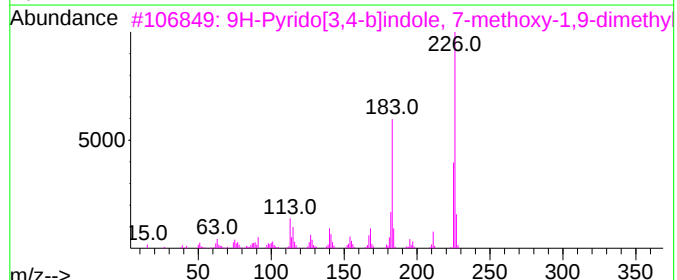
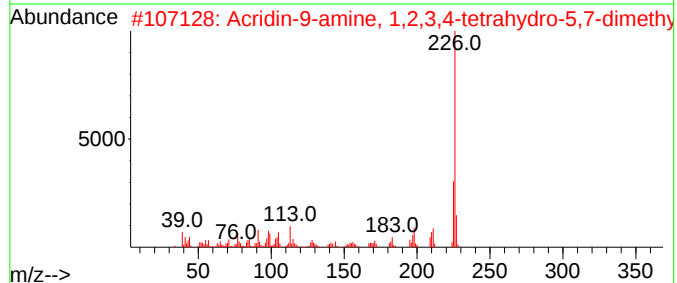
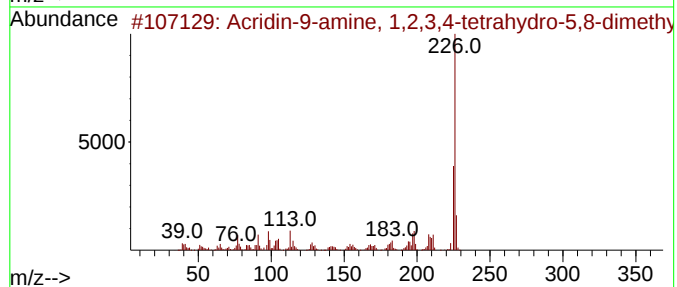
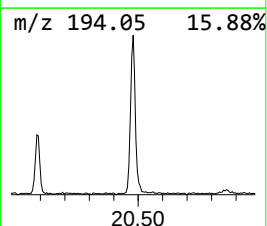
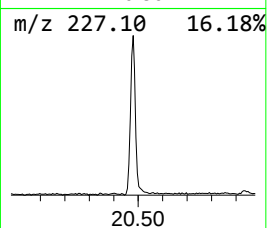
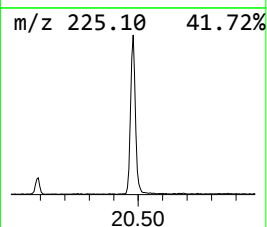
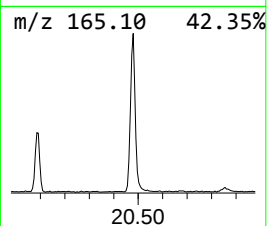
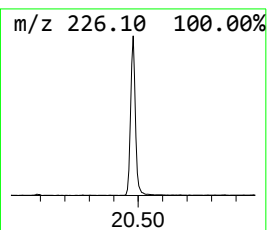
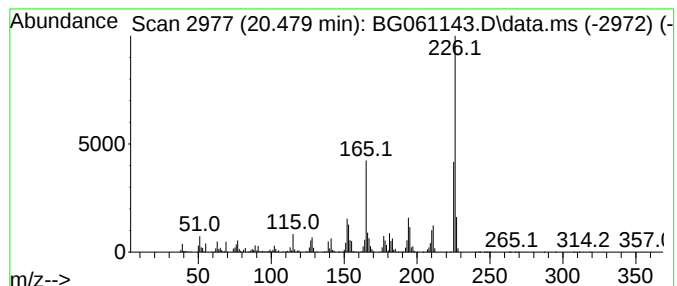
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.479	44.98 ng	1787190	Chrysene-d12	21.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2			Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	58
3			9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	52
4			N,N-Dimethylindooaniline	226	C14H14N2O	002150-58-5	47
5			4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061143.D
Acq On : 8 May 2024 15:47
Operator : MA/JU
Sample : P2408-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.158	39.5	ng	392995	1	7.935	198921	20.0
.alpha.-Pinene	6.631	59.5	ng	591830	1	7.935	198921	20.0
Nonane	7.565	8.6	ng	85761	1	7.935	198921	20.0
Undecane	9.163	22.1	ng	220140	1	7.935	198921	20.0
Tridecane	12.154	12.9	ng	425431	2	10.732	660065	20.0
Hexadecane	13.393	23.4	ng	547250	3	14.568	468758	20.0
Naphthalene, 1,...	13.505	8.0	ng	187527	3	14.568	468758	20.0
Pentadecane	14.469	26.5	ng	620162	3	14.568	468758	20.0
Heptadecane	15.420	26.3	ng	617329	3	14.568	468758	20.0
Pentadecane, 2,...	15.826	13.1	ng	306296	3	14.568	468758	20.0
Hexadecane, 2-m...	16.284	36.4	ng	755454	4	17.312	414862	20.0
Nonadecane	17.077	28.2	ng	585176	4	17.312	414862	20.0
Hexadecane, 2,6...	17.130	16.5	ng	341786	4	17.312	414862	20.0
Tridecane, 2-me...	17.818	25.3	ng	524540	4	17.312	414862	20.0
n-Hexadecanoic ...	18.217	13.9	ng	288022	4	17.312	414862	20.0
1-Iodoundecane	18.511	21.4	ng	443862	4	17.312	414862	20.0
4,5-Dichloro-2-...	19.028	62.5	ng	1295410	4	17.312	414862	20.0
Heptadecane, 2-...	19.140	25.5	ng	529764	4	17.312	414862	20.0
Benzene, 1,3-di...	20.086	17.0	ng	673766	5	21.578	794640	20.0
Acridin-9-amine...	20.479	45.0	ng	1787190	5	21.578	794640	20.0