

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005245.D
 Acq On : 08 Apr 2021 20:22
 Operator : CG/JU
 Sample : M1971-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-040721

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_P\Methods\8270E-BP032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005245.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	368	374	382	rVB	359799	518155	73.29%	5.236%
2	6.869	632	643	657	rVB	312460	529708	74.92%	5.353%
3	7.305	712	717	725	rBV	31692	45779	6.47%	0.463%
4	7.687	771	782	789	rBV	153283	256335	36.26%	2.590%
5	7.799	797	801	808	rBV3	7156	12712	1.80%	0.128%
6	7.963	826	829	835	rVB3	12428	19645	2.78%	0.199%
7	8.334	885	892	897	rBV6	16379	36099	5.11%	0.365%
8	8.446	906	911	915	rBV2	15186	24113	3.41%	0.244%
9	8.504	915	921	926	rVV5	9618	21928	3.10%	0.222%
10	8.781	965	968	973	rVV3	17176	25322	3.58%	0.256%
11	8.846	973	979	985	rVV	188513	311183	44.01%	3.144%
12	8.904	985	989	999	rVB	71953	119674	16.93%	1.209%
13	8.999	999	1005	1006	rBV5	10304	16932	2.39%	0.171%
14	9.034	1006	1011	1016	rVB6	17969	36623	5.18%	0.370%
15	9.128	1016	1027	1028	rBV7	9303	20595	2.91%	0.208%
16	9.322	1055	1060	1064	rVV3	11425	22422	3.17%	0.227%
17	9.375	1064	1069	1070	rVV2	13216	20107	2.84%	0.203%
18	9.393	1070	1072	1077	rVV3	15201	19207	2.72%	0.194%
19	9.563	1095	1101	1104	rBV7	7537	14197	2.01%	0.143%
20	9.604	1104	1108	1112	rVV5	11628	19559	2.77%	0.198%
21	9.651	1112	1116	1120	rBV5	11435	18474	2.61%	0.187%
22	9.757	1126	1134	1138	rVB6	15573	34909	4.94%	0.353%
23	9.822	1138	1145	1150	rBV4	18470	34135	4.83%	0.345%
24	9.899	1150	1158	1163	rVV5	20037	52118	7.37%	0.527%
25	10.004	1172	1176	1181	rBV2	13387	22423	3.17%	0.227%
26	10.063	1181	1186	1190	rVB6	8261	14127	2.00%	0.143%
27	10.110	1190	1194	1200	rVB3	10419	17536	2.48%	0.177%
28	10.181	1200	1206	1215	rBV7	8735	22220	3.14%	0.225%
29	10.475	1245	1256	1263	rBV2	188573	439147	62.11%	4.438%
30	10.593	1272	1276	1280	rBV7	11254	17205	2.43%	0.174%
31	10.640	1280	1284	1290	rVB	38247	54971	7.78%	0.555%
32	10.698	1290	1294	1302	rBV8	12036	23439	3.32%	0.237%
33	10.881	1316	1325	1329	rBV8	5972	18144	2.57%	0.183%
34	10.951	1332	1337	1338	rBV2	9321	13983	1.98%	0.141%
35	11.146	1365	1370	1371	rBV4	10978	16324	2.31%	0.165%
36	11.175	1371	1375	1383	rVV5	20525	51770	7.32%	0.523%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.234	1383	1385	1393	rVV9	9135	19379	2.74%	0.196%
38	11.316	1393	1399	1404	rVV7	18215	35319	5.00%	0.357%
39	11.393	1406	1412	1419	rVB4	24258	48746	6.89%	0.493%
40	11.504	1425	1431	1435	rBV	46530	78354	11.08%	0.792%
41	11.593	1442	1446	1451	rVB6	9573	15834	2.24%	0.160%
42	11.669	1451	1459	1467	rBV7	21466	44711	6.32%	0.452%
43	11.763	1467	1475	1479	rBV9	9854	22273	3.15%	0.225%
44	11.910	1490	1500	1511	rBV	73121	138191	19.55%	1.396%
45	12.040	1518	1522	1527	rVB6	16583	27934	3.95%	0.282%
46	12.128	1535	1537	1543	rVB3	16719	23712	3.35%	0.240%
47	12.357	1572	1576	1580	rBV7	6289	12414	1.76%	0.125%
48	12.404	1580	1584	1589	rVB3	20115	33352	4.72%	0.337%
49	12.551	1602	1609	1612	rBV7	14369	26163	3.70%	0.264%
50	12.598	1612	1617	1624	rVB5	12565	29835	4.22%	0.301%
51	12.663	1624	1628	1631	rBV4	11620	18196	2.57%	0.184%
52	12.728	1635	1639	1645	rVB4	10795	18869	2.67%	0.191%
53	12.822	1651	1655	1659	rBV3	15406	26075	3.69%	0.263%
54	12.875	1660	1664	1669	rVV3	45013	67301	9.52%	0.680%
55	12.963	1672	1679	1688	rVB	427655	627653	88.78%	6.342%
56	13.169	1706	1714	1722	rBV	55718	99568	14.08%	1.006%
57	13.263	1726	1730	1731	rVV3	10237	15853	2.24%	0.160%
58	13.281	1731	1733	1738	rVV3	16588	25952	3.67%	0.262%
59	13.334	1738	1742	1746	rVB7	12149	17564	2.48%	0.177%
60	13.498	1764	1770	1775	rBV9	6728	15301	2.16%	0.155%
61	13.828	1818	1826	1830	rBV3	30864	70183	9.93%	0.709%
62	13.869	1830	1833	1839	rVB7	13046	18977	2.68%	0.192%
63	14.251	1893	1898	1902	rVB	40117	54704	7.74%	0.553%
64	14.351	1902	1915	1921	rBV2	263463	403817	57.12%	4.081%
65	14.751	1980	1983	1987	rBV5	10017	13341	1.89%	0.135%
66	15.204	2053	2060	2065	rVB	19868	30018	4.25%	0.303%
67	15.851	2162	2170	2177	rBV	288319	417373	59.03%	4.218%
68	16.075	2204	2208	2216	rBV6	16580	36919	5.22%	0.373%
69	16.845	2332	2339	2341	rVV8	7117	12884	1.82%	0.130%
70	16.875	2341	2344	2349	rVV5	9564	17333	2.45%	0.175%
71	16.928	2349	2353	2362	rVB6	11366	20425	2.89%	0.206%
72	17.110	2378	2384	2389	rBV	266724	404401	57.20%	4.086%
73	17.151	2389	2391	2397	rVB	64829	82094	11.61%	0.830%
74	17.245	2403	2407	2411	rVB3	24677	34918	4.94%	0.353%
75	17.986	2529	2533	2535	rBV	18563	27504	3.89%	0.278%
76	18.010	2535	2537	2539	rBV3	19033	20118	2.85%	0.203%

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77	18.110	2551	2554	2559	rVB2	13124	17188	2.43%	0.174%
78	18.175	2559	2565	2569	rVV3	24650	46675	6.60%	0.472%
79	18.210	2569	2571	2577	rVB2	14810	19592	2.77%	0.198%
80	18.292	2582	2585	2589	rBV4	11901	12868	1.82%	0.130%
81	18.475	2612	2616	2620	rBV	19430	26917	3.81%	0.272%
82	18.522	2621	2624	2629	rVB7	10204	13598	1.92%	0.137%
83	18.880	2680	2685	2687	rBV2	20096	32811	4.64%	0.332%
84	19.022	2704	2709	2714	rBV	21876	35308	4.99%	0.357%
85	19.133	2723	2728	2735	rBV	285376	379228	53.64%	3.832%
86	19.457	2779	2783	2784	rBV	51978	55167	7.80%	0.557%
87	19.492	2784	2789	2796	rVB	248478	372319	52.66%	3.762%
88	19.569	2798	2802	2806	rVB4	16134	26896	3.80%	0.272%
89	19.686	2818	2822	2827	rVB	580744	694909	98.29%	7.022%
90	19.816	2838	2844	2848	rBV5	22294	56435	7.98%	0.570%
91	19.933	2862	2864	2867	rBV4	16143	23122	3.27%	0.234%
92	20.127	2892	2897	2900	rVB2	34433	46070	6.52%	0.466%
93	20.704	2992	2995	2999	rBV	49315	62552	8.85%	0.632%
94	20.939	3031	3035	3040	rVB4	63806	122477	17.32%	1.238%
95	20.998	3041	3045	3050	rVB	114807	140241	19.84%	1.417%
96	21.210	3075	3081	3085	rBV2	381435	707015	100.00%	7.144%
97	21.251	3085	3088	3094	rVB	175597	218508	30.91%	2.208%
98	22.804	3348	3352	3357	rBV	111620	212691	30.08%	2.149%
99	23.292	3432	3435	3441	rVB	77290	123749	17.50%	1.250%
100	23.492	3464	3469	3475	rVB	196391	355044	50.22%	3.588%

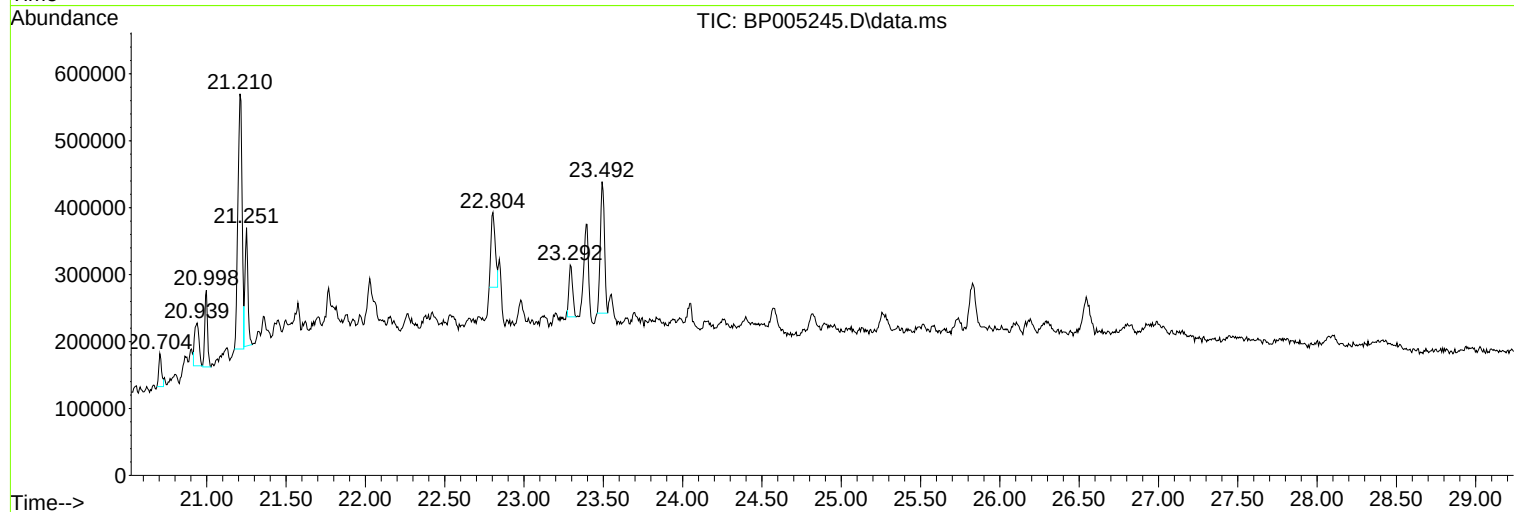
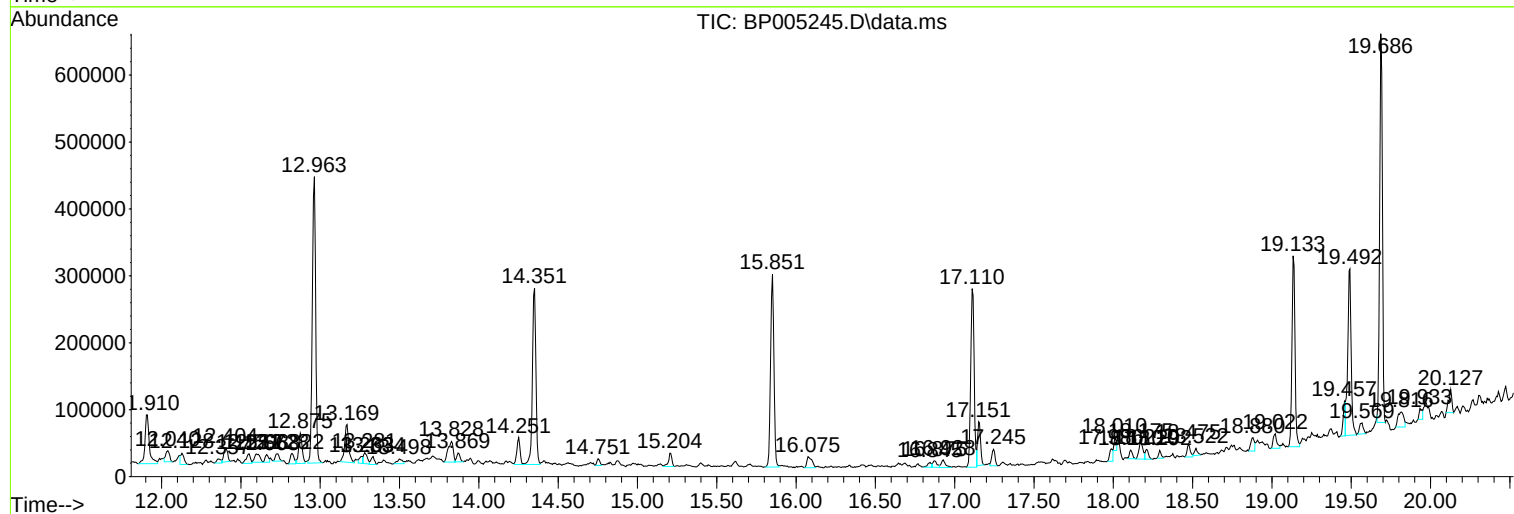
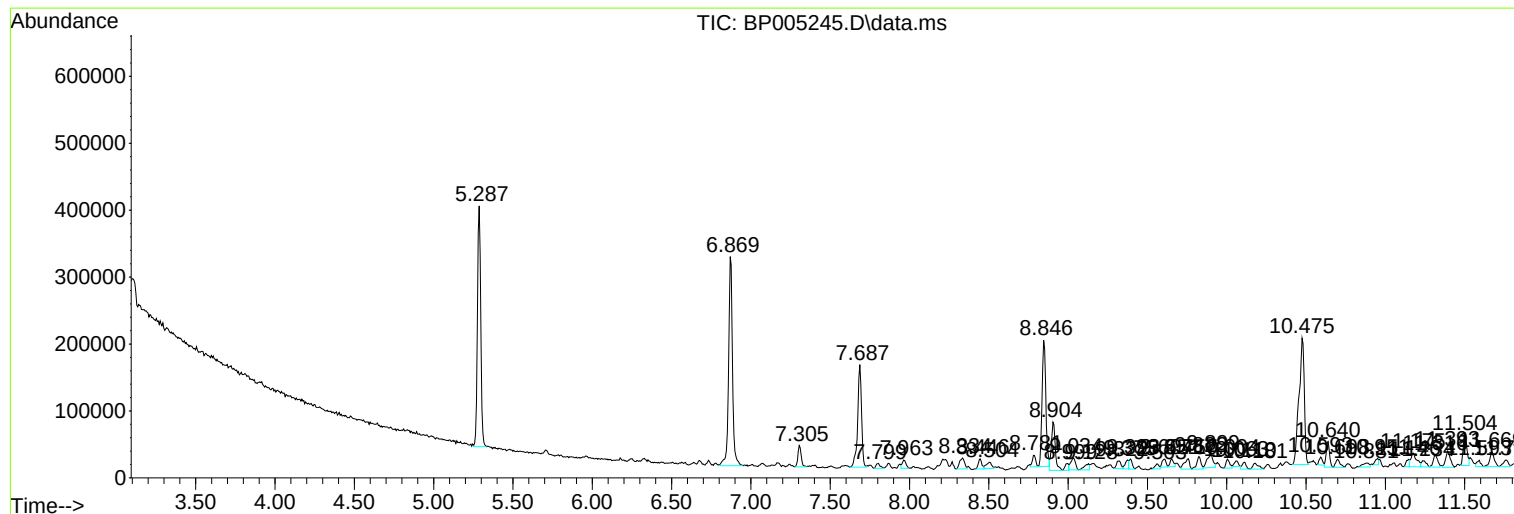
Sum of corrected areas: 9896158

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
HR-02-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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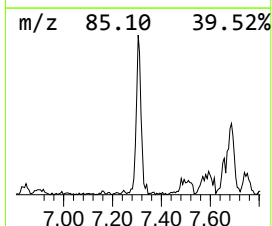
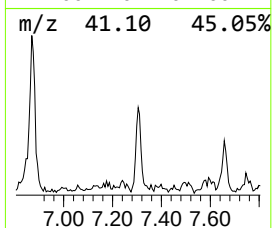
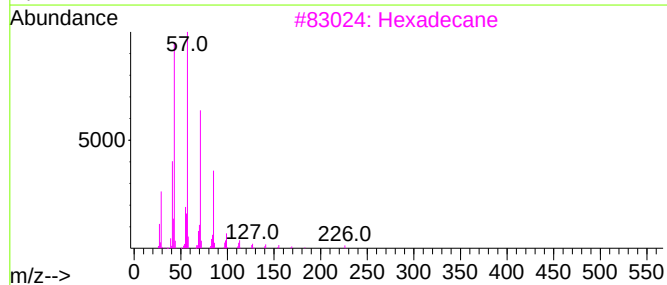
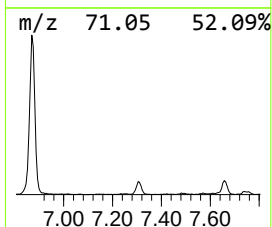
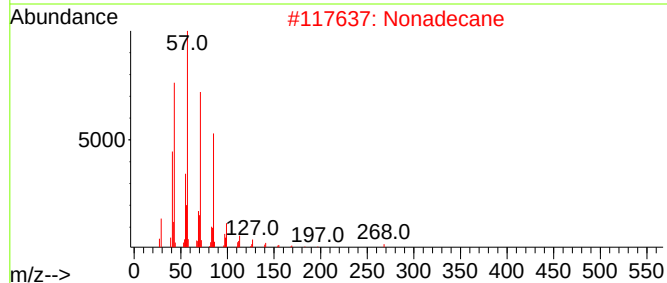
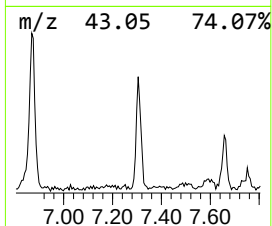
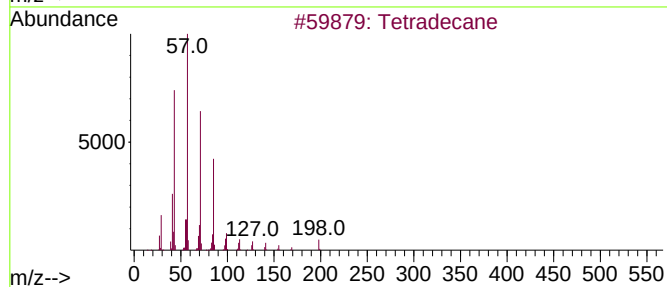
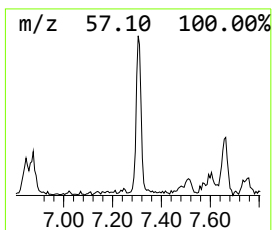
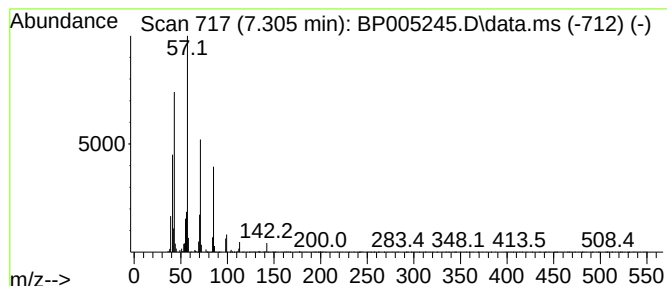
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.305	3.57 ng	45779	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	83
2			Nonadecane	268	C19H40	000629-92-5	83
3			Hexadecane	226	C16H34	000544-76-3	78
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5			Decane	142	C10H22	000124-18-5	74



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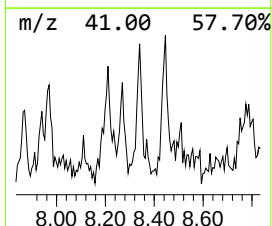
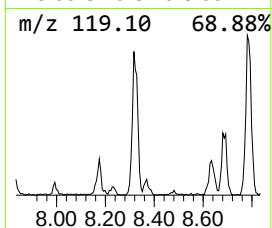
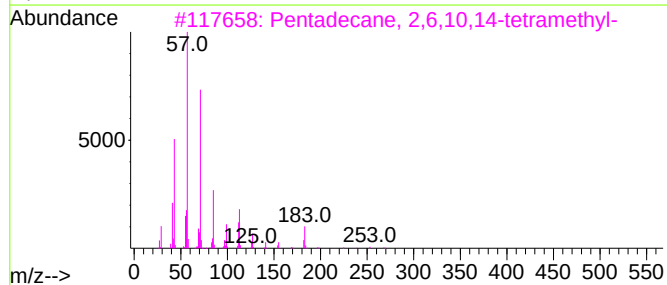
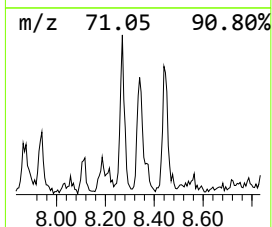
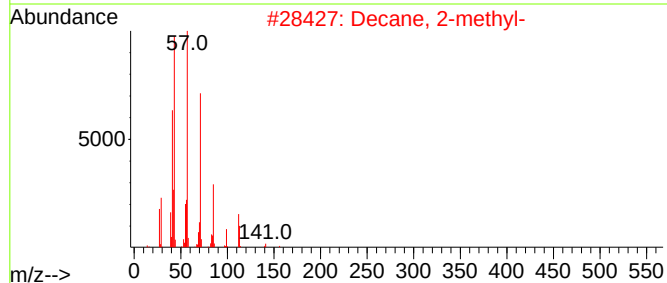
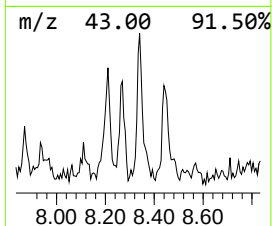
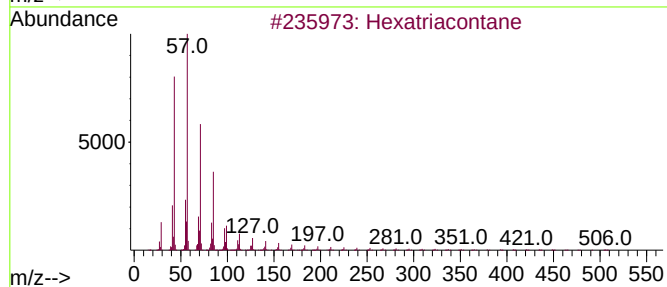
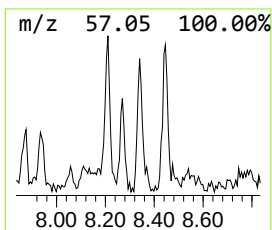
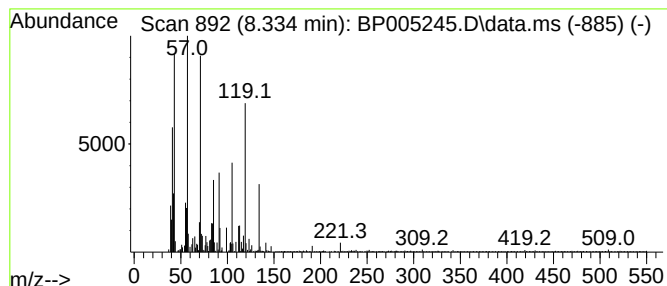
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexatriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	2.82 ng	36099	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	70
2			Decane, 2-methyl-	156	C11H24	006975-98-0	55
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	46



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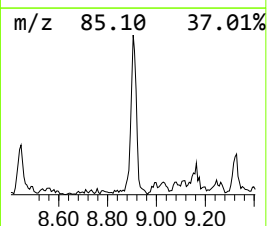
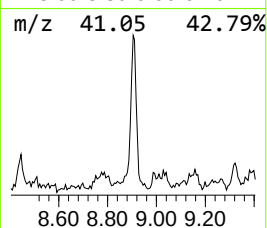
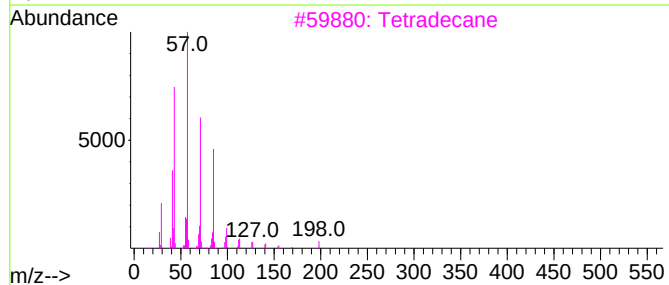
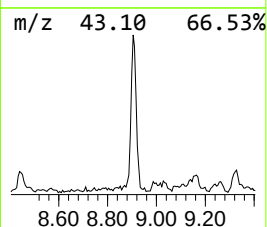
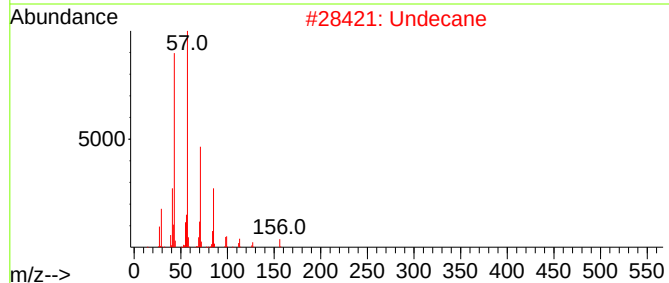
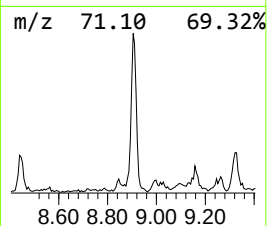
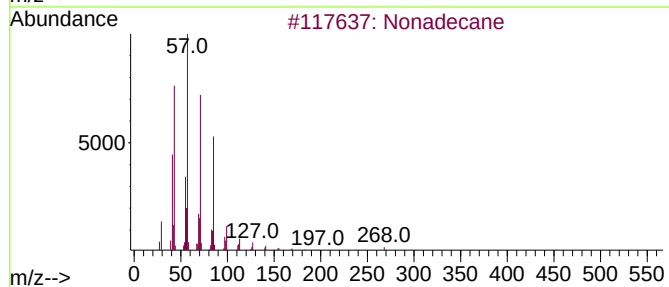
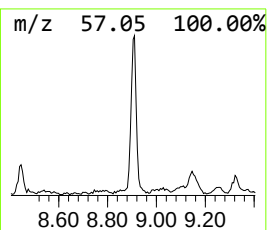
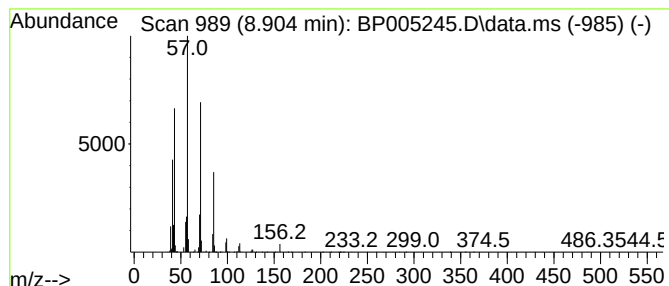
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	9.34 ng	119674	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Undecane	156	C11H24	001120-21-4	81
3			Tetradecane	198	C14H30	000629-59-4	72
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-040721

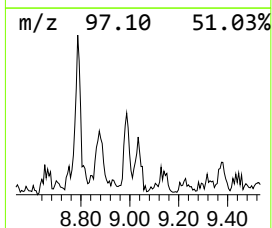
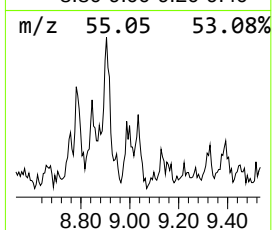
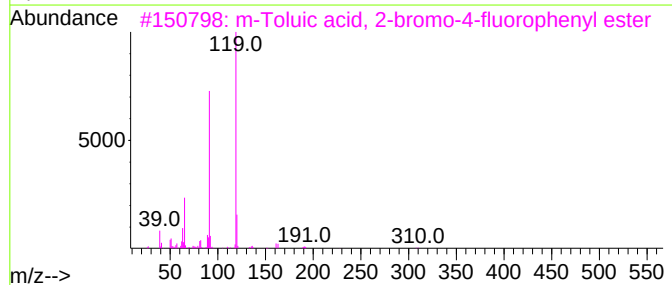
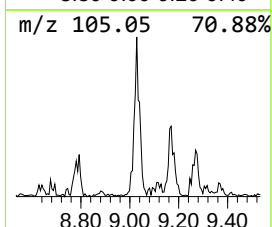
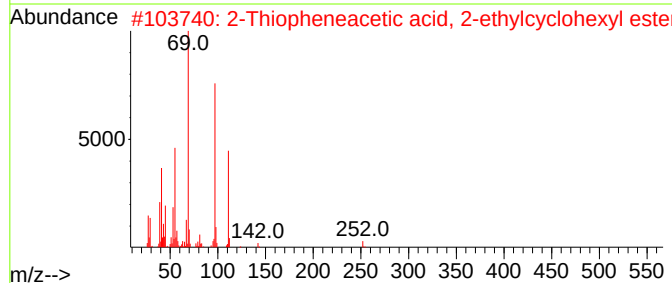
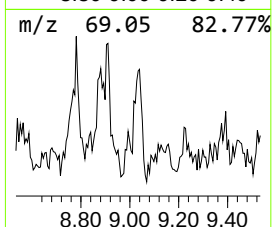
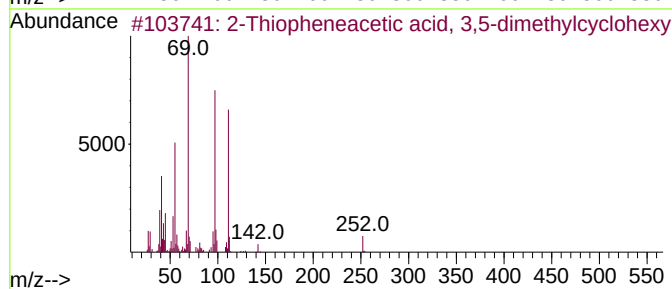
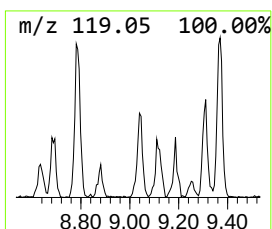
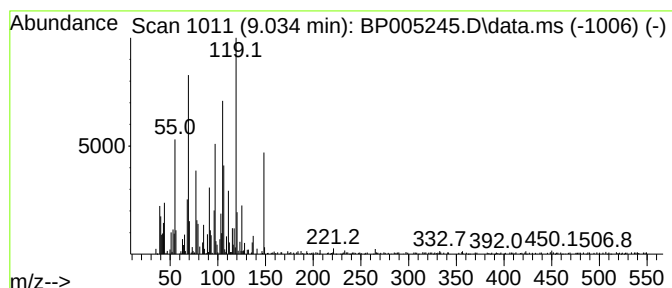
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.034 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	2.86 ng	36623	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Thiopheneacetic acid, 3,5-dime...	252	C14H20O2S	1000278-92-2	27
2			2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	27
3			m-Toluic acid, 2-bromo-4-fluorop...	308	C14H10BrFO2	1000293-77-0	25
4			Acethydrazide, 2-(4-butoxypheno...	356	C20H24N2O4	1000263-84-3	11
5			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
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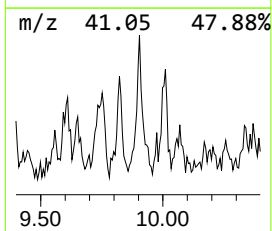
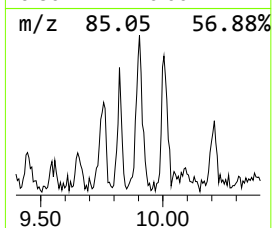
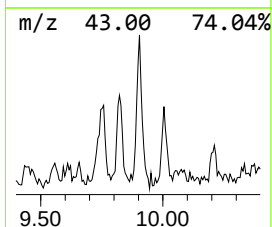
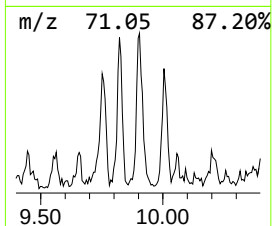
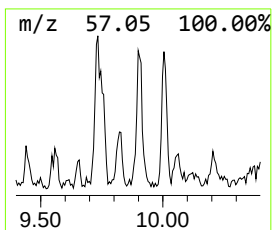
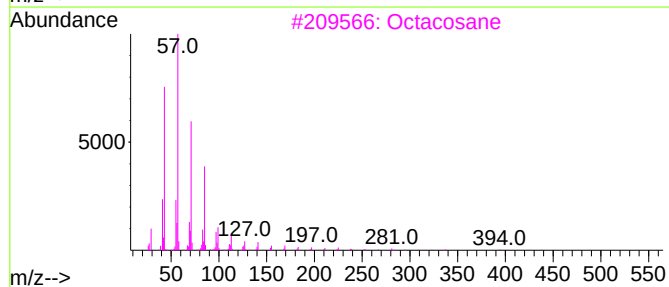
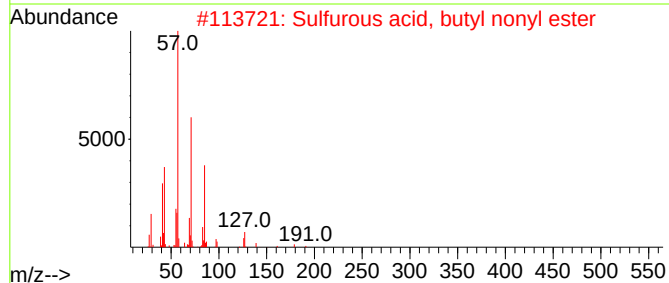
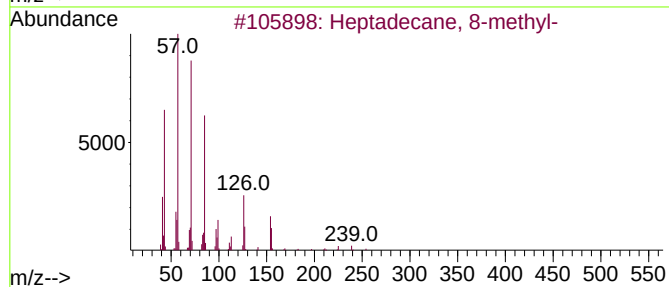
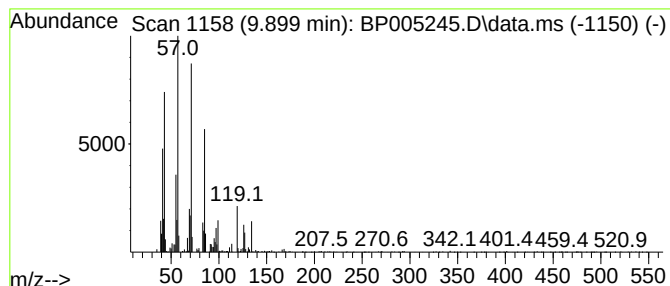
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.899	2.37 ng	52118	Naphthalene-d8	10.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3			Octacosane	394	C28H58	000630-02-4	59
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	59
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-040721

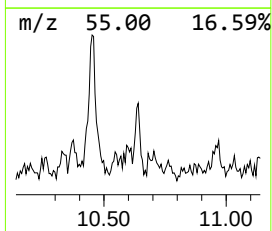
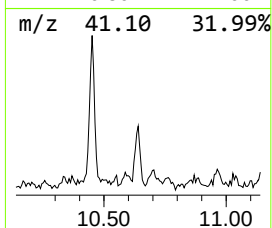
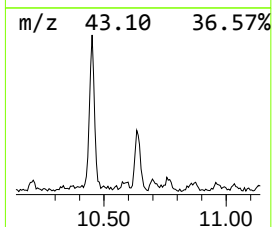
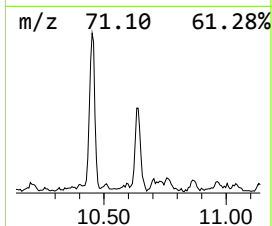
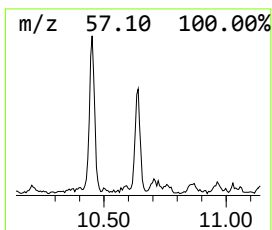
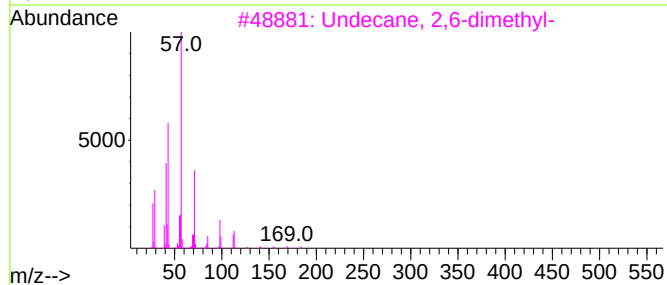
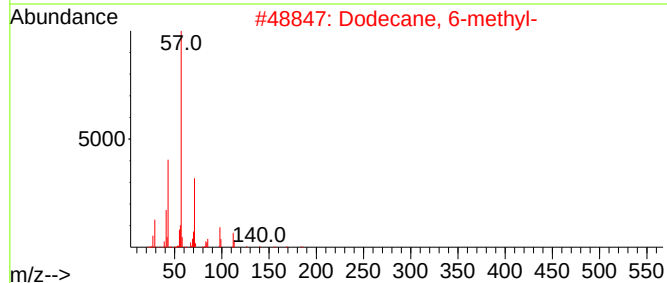
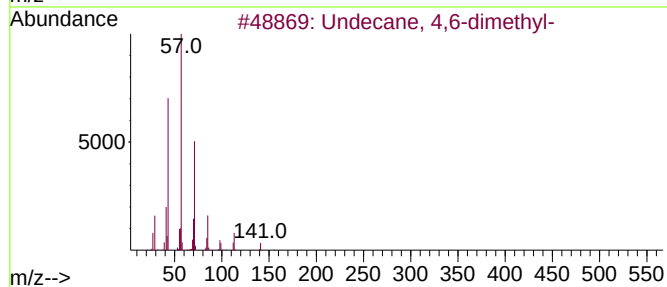
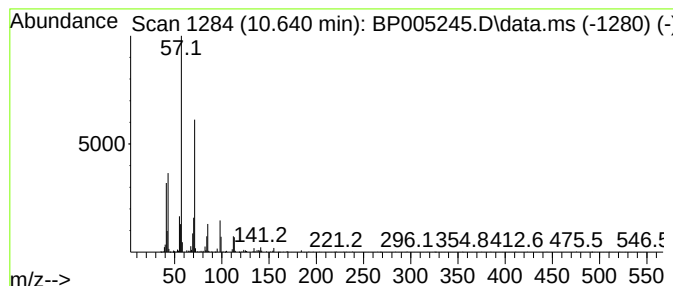
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 4,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	2.50 ng	54971	Naphthalene-d8	10.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	62
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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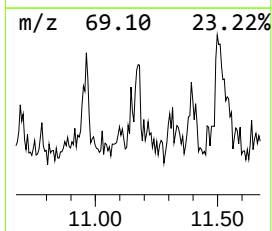
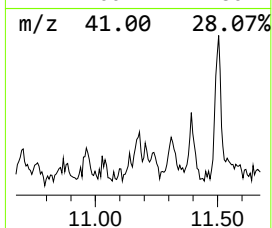
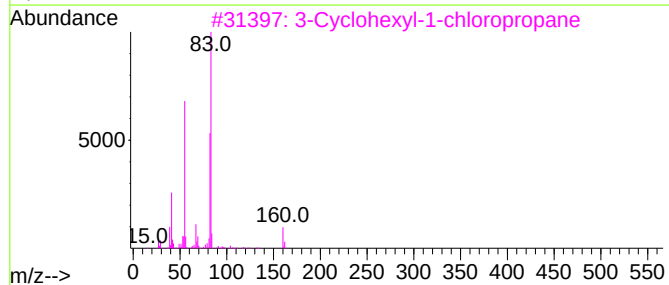
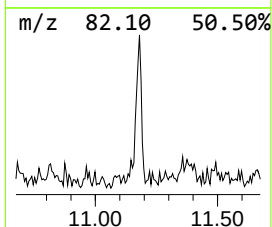
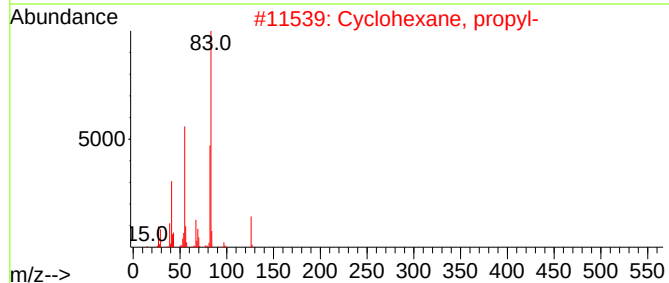
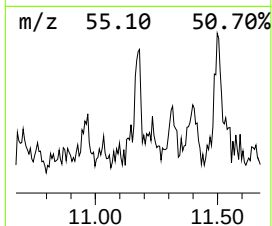
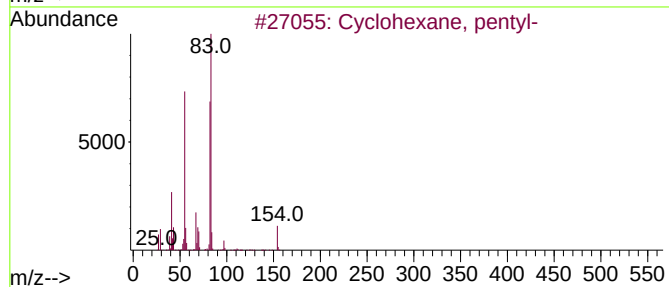
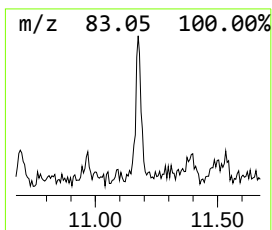
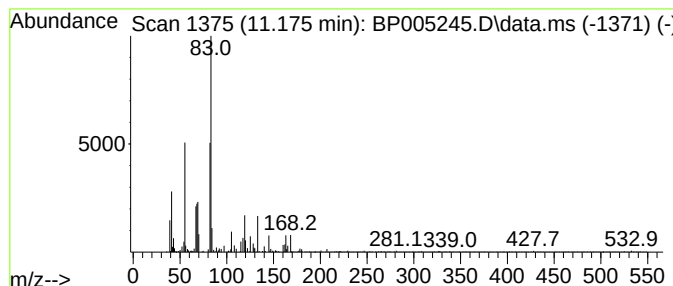
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.36 ng	51770	Naphthalene-d8	10.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
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ALS Vial : 14 Sample Multiplier: 1

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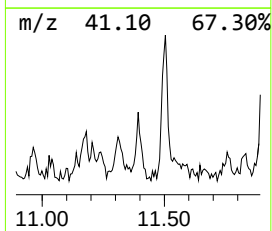
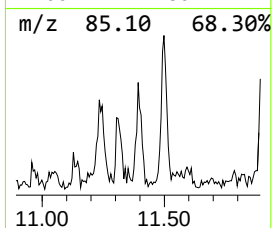
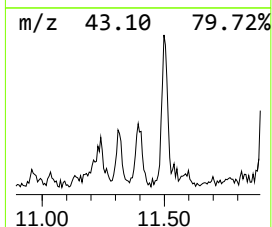
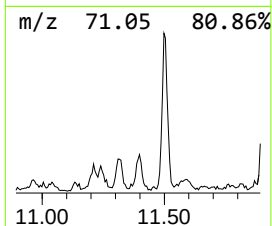
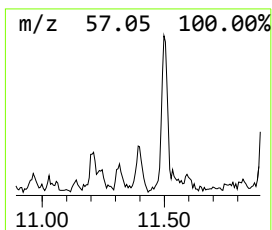
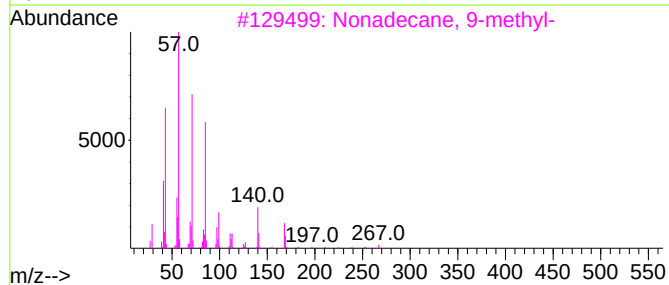
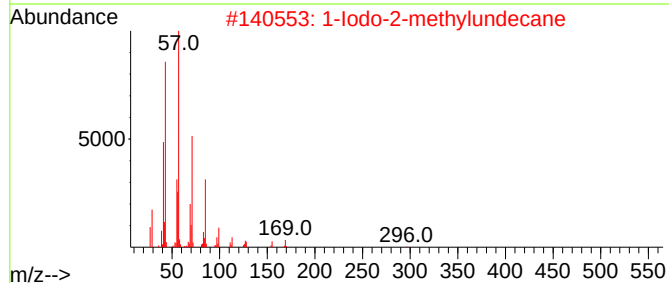
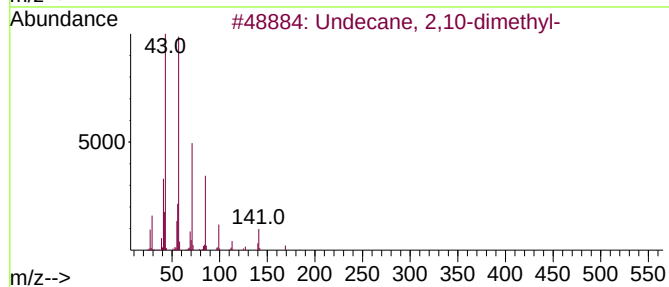
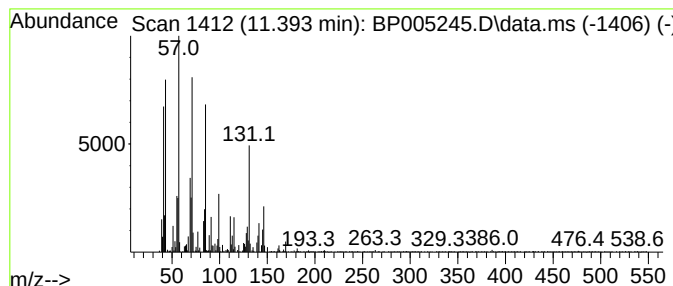
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 2,10-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.393	2.22 ng	48746	Naphthalene-d8	10.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
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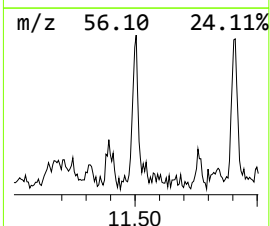
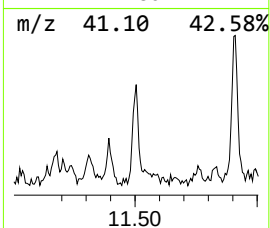
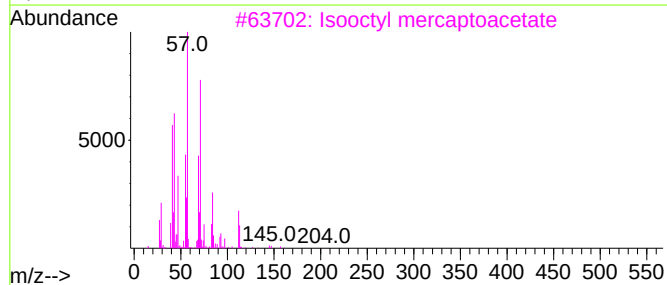
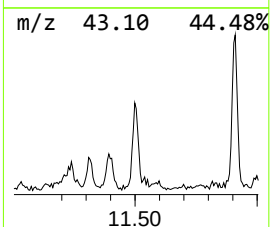
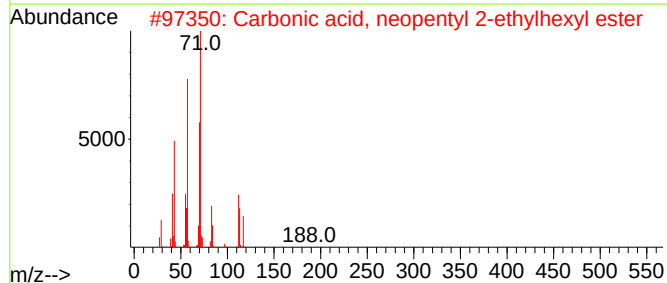
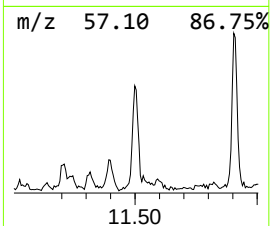
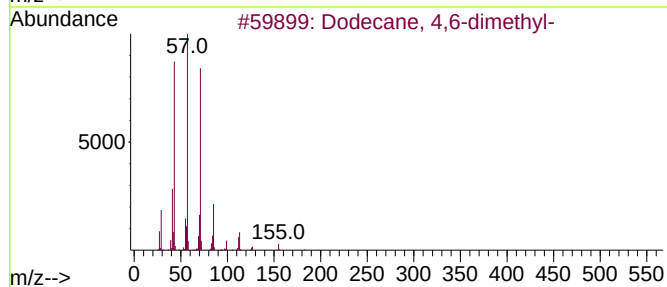
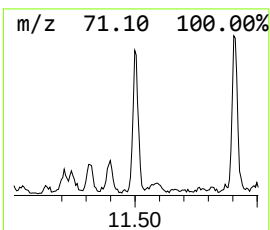
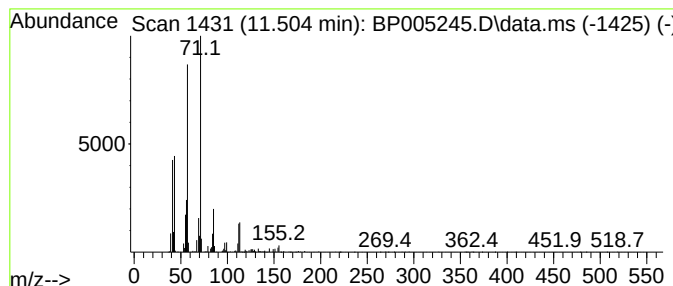
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.504	3.57 ng	78354	Naphthalene-d8	10.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
3			Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	64
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
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ALS Vial : 14 Sample Multiplier: 1

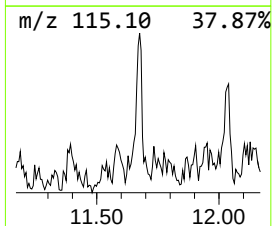
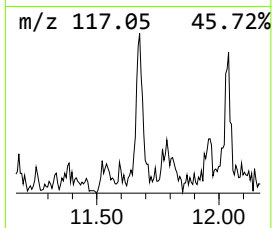
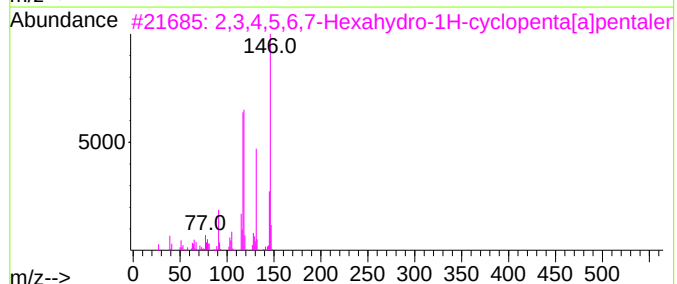
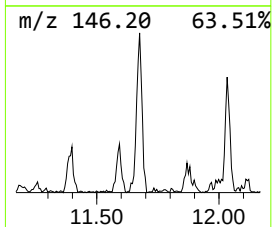
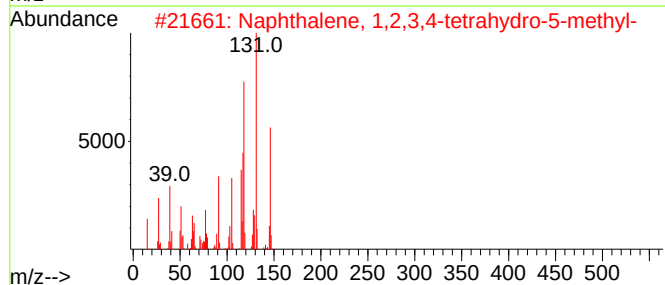
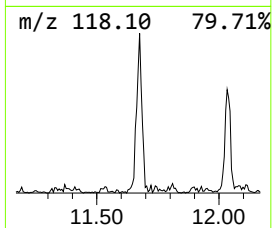
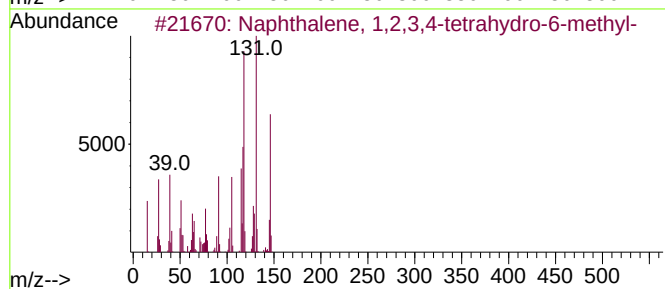
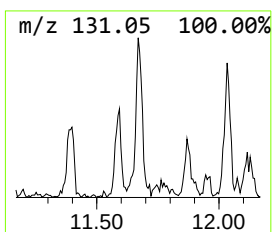
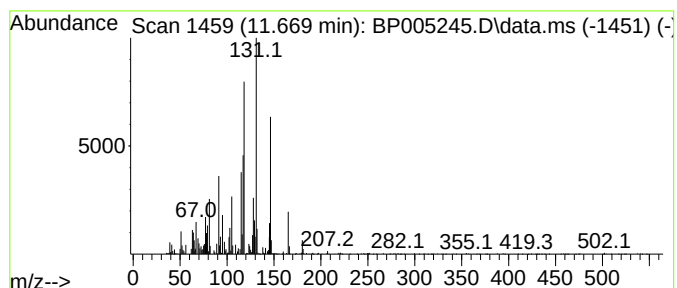
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ClientSampleId :
HR-02-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.669	2.04 ng	44711	Naphthalene-d8	10.475	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-040721

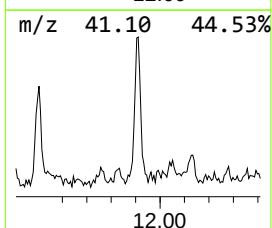
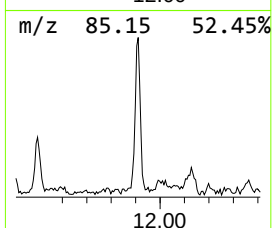
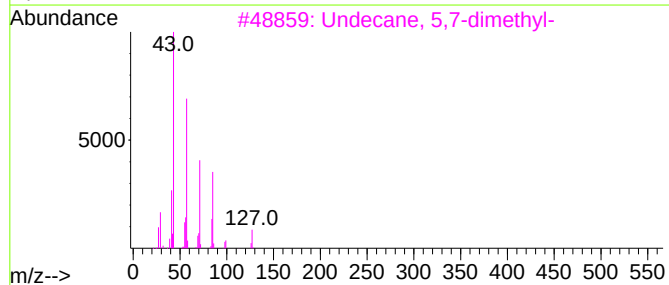
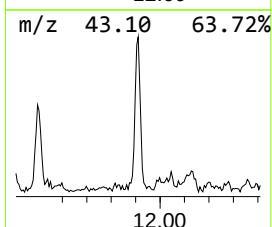
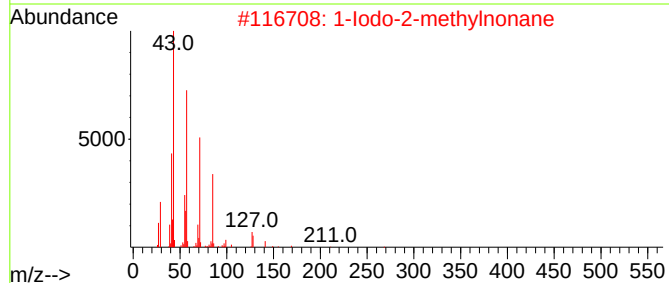
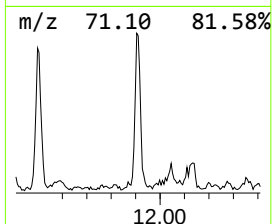
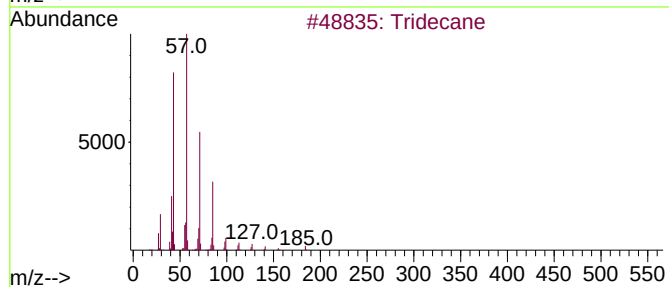
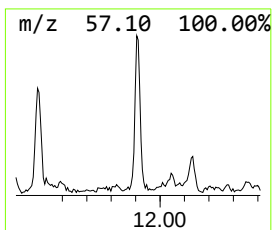
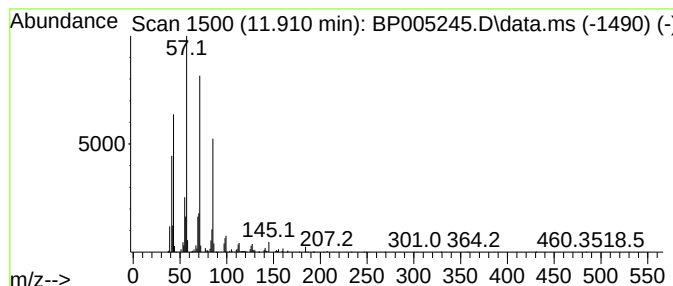
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.29 ng	138191	Naphthalene-d8	10.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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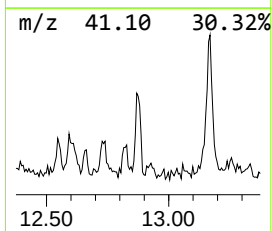
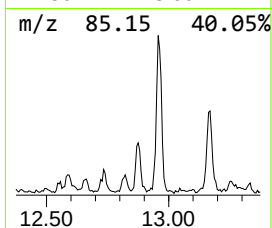
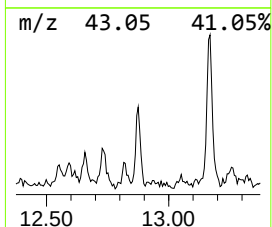
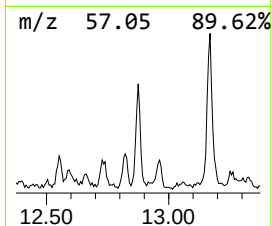
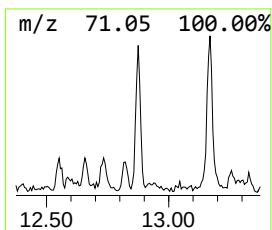
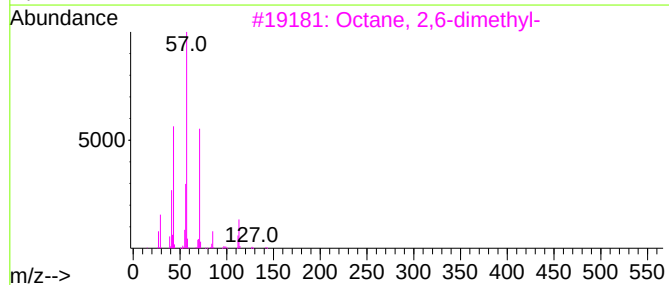
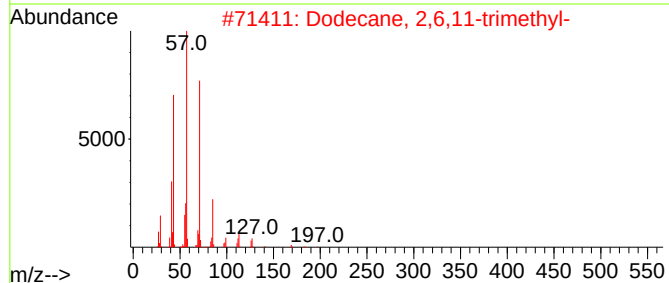
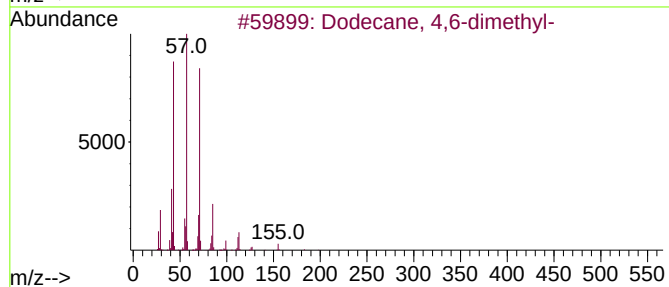
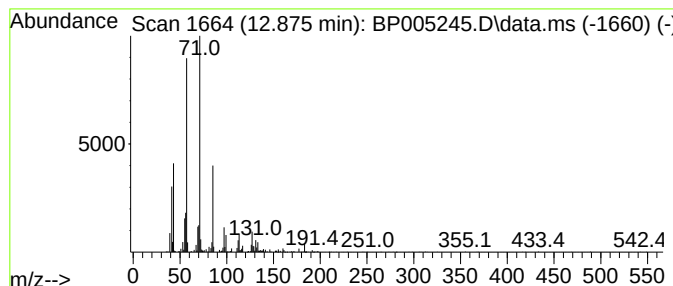
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.875	3.33 ng	67301	Acenaphthene-d10	14.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	50
5			Hexacosane	366	C26H54	000630-01-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

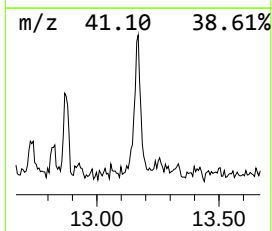
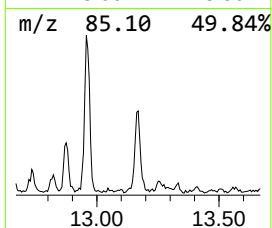
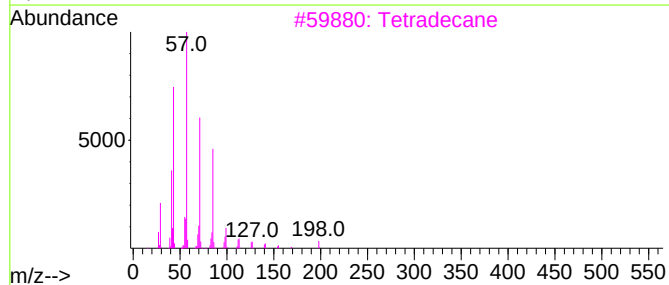
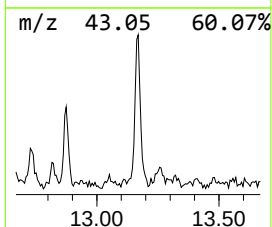
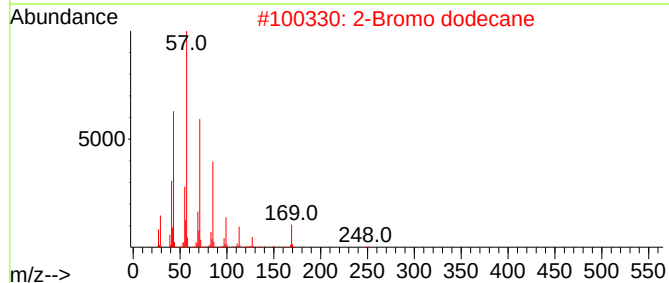
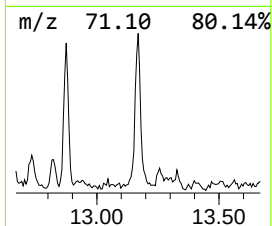
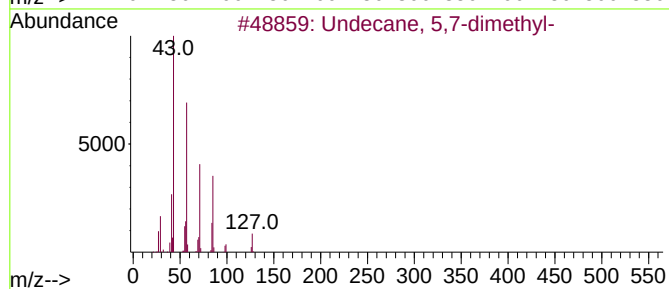
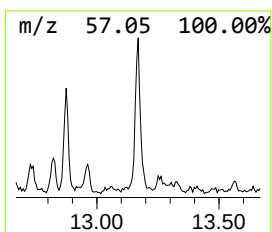
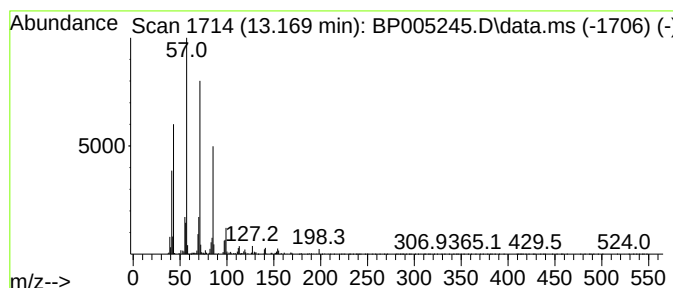
Instrument :
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ClientSampleId :
HR-02-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Undecane, 5,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.169	4.93 ng	99568	Acenaphthene-d10	14.351	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Tetradecane	198	C14H30	000629-59-4	60
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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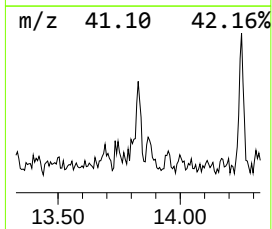
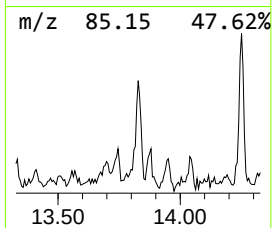
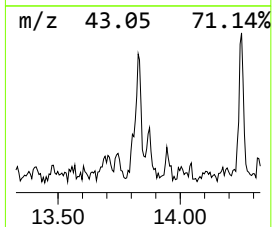
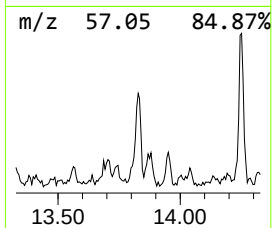
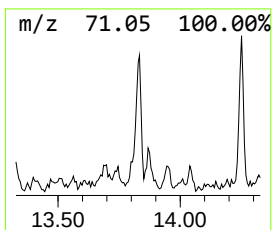
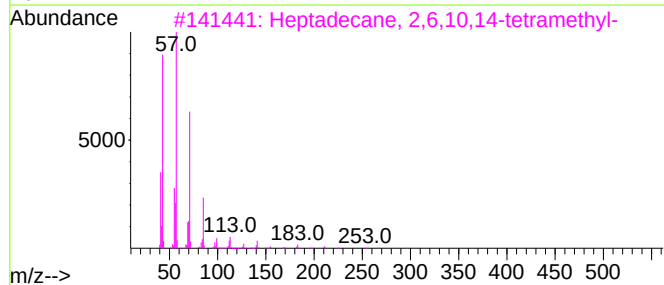
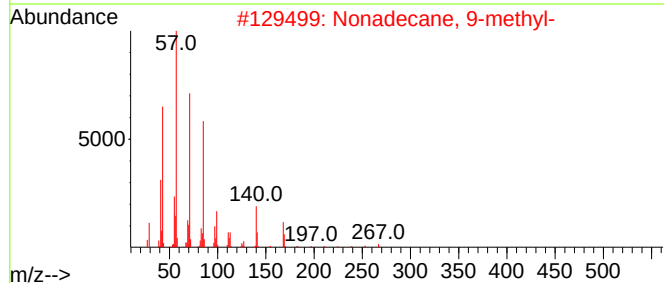
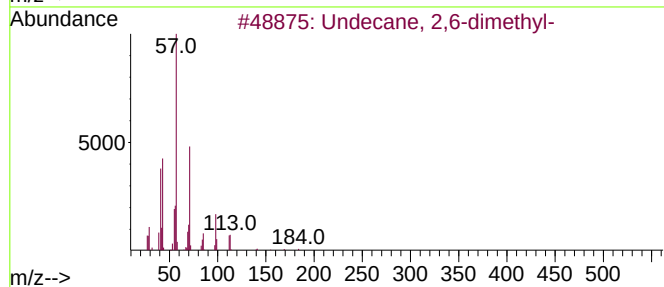
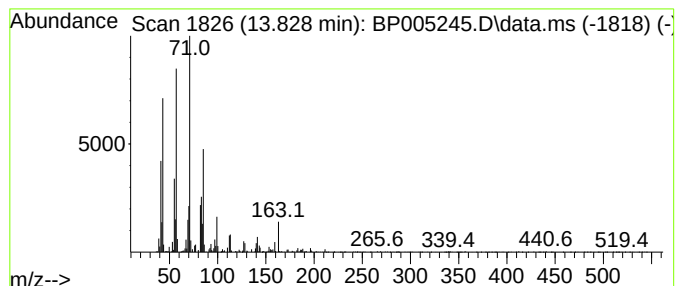
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	3.48 ng	70183	Acenaphthene-d10	14.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	50
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
4			Decane, 5-propyl-	184	C13H28	017312-62-8	46
5			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-040721

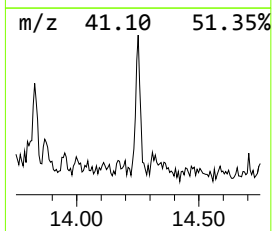
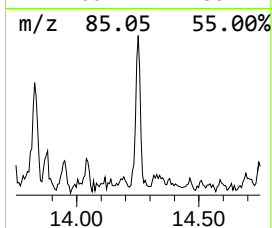
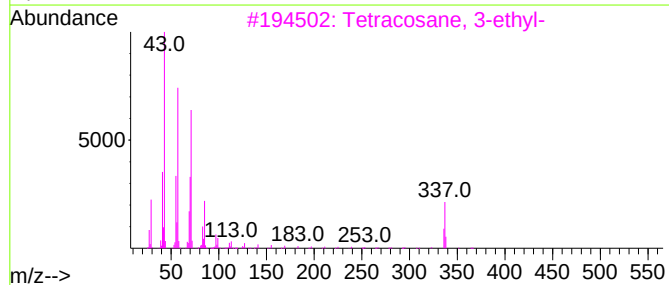
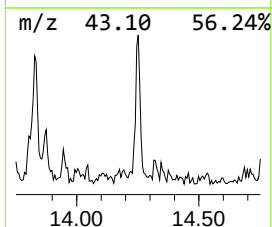
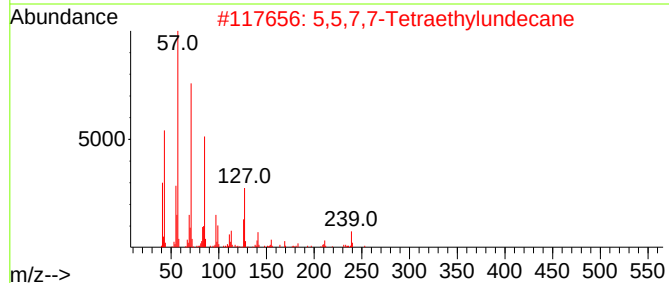
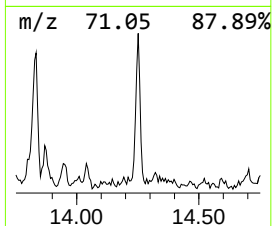
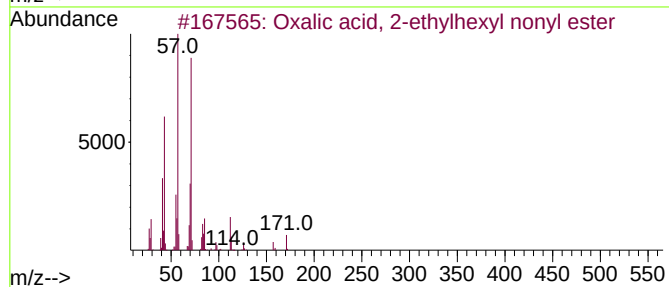
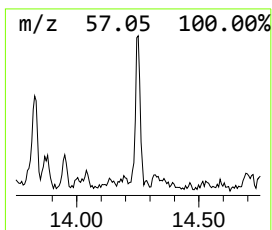
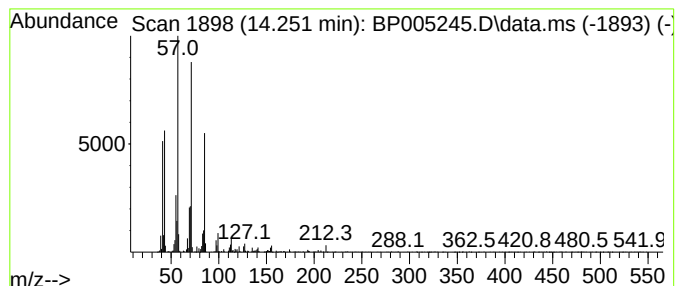
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Oxalic acid, 2-ethylhexyl n... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	2.71 ng	54704	Acenaphthene-d10	14.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
2			5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	64
3			Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	62
4			Pentadecane	212	C15H32	000629-62-9	50
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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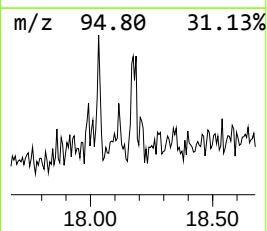
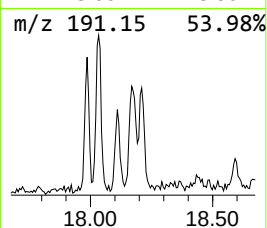
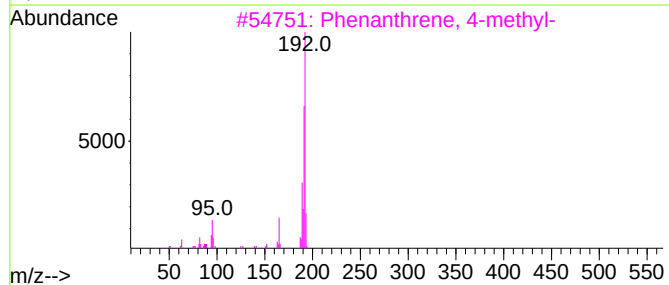
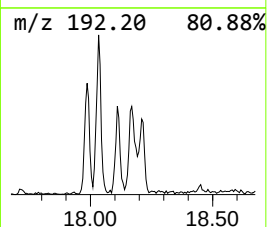
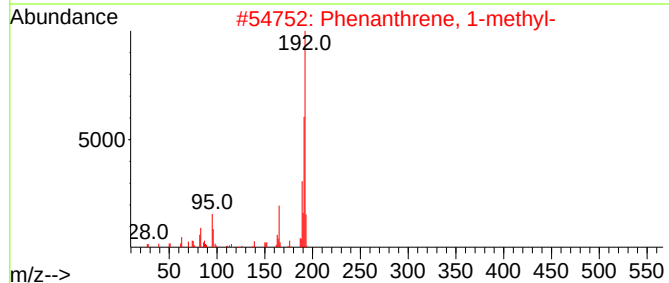
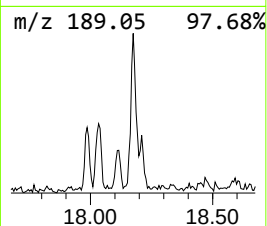
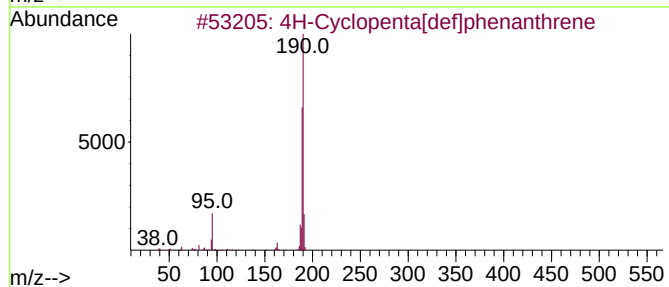
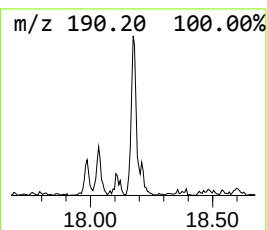
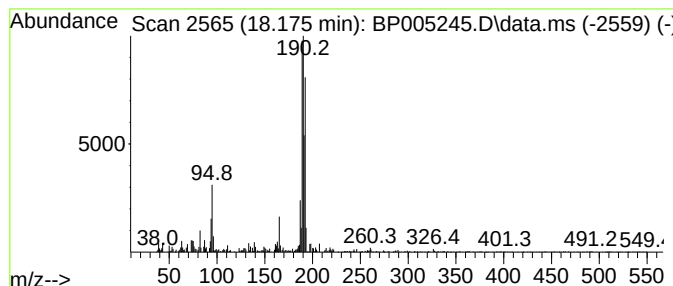
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown18.175 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.31 ng	46675	Phenanthrene-d10	17.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-040721

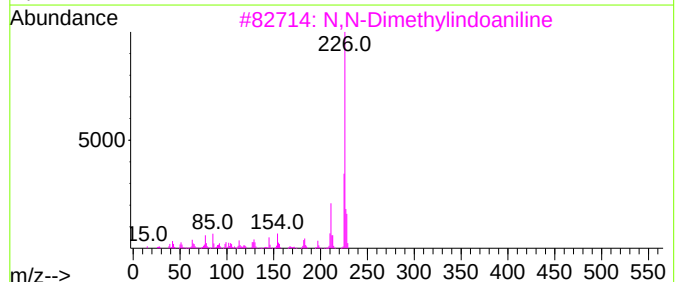
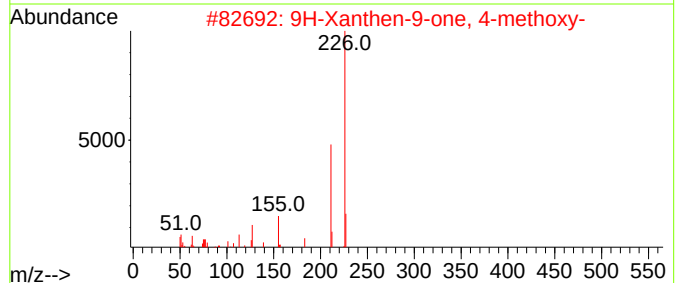
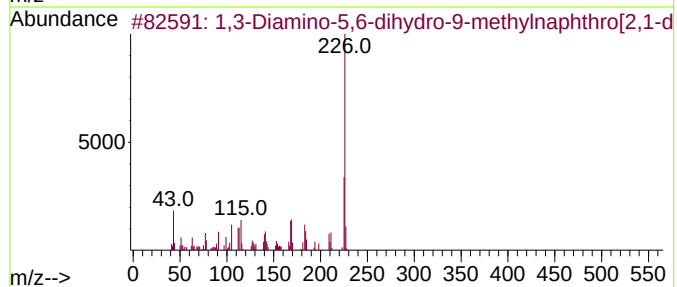
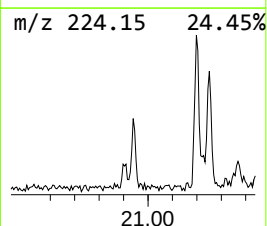
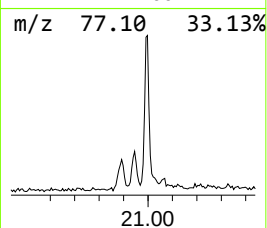
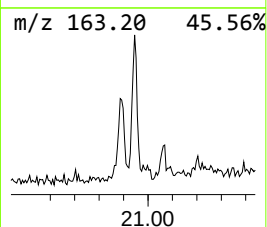
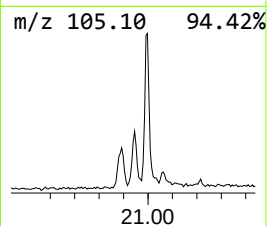
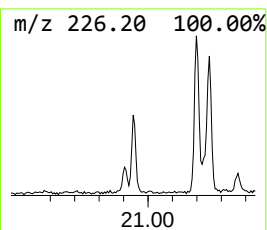
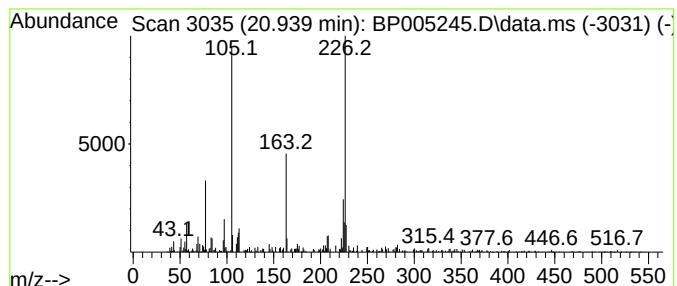
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown20.939 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	3.46 ng	122477	Chrysene-d12	21.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
2		9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	43
3		N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5		N-(2-Methyl-5-oxo-5H-chromeno[3,...	282	C16H14N2O3	1000295-08-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

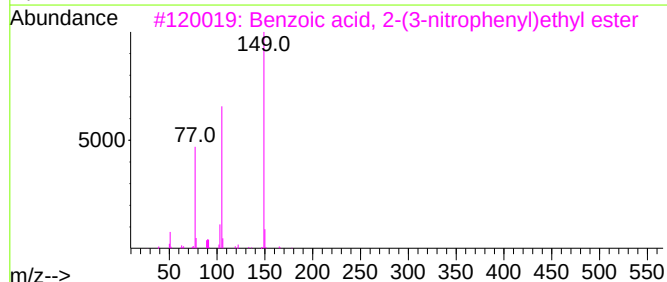
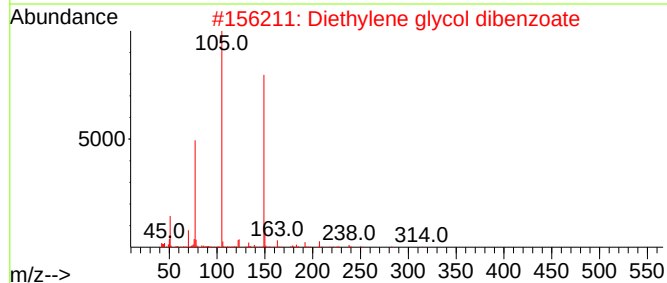
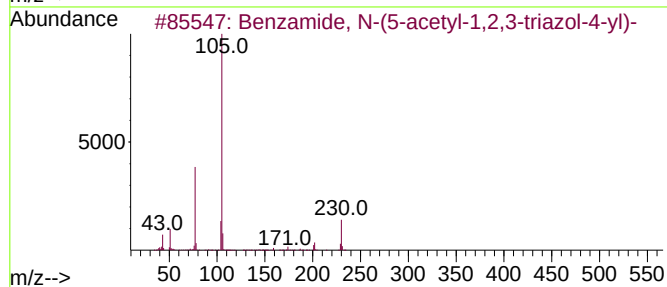
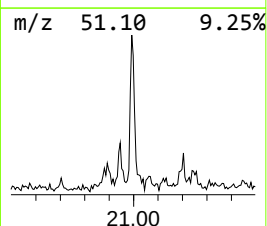
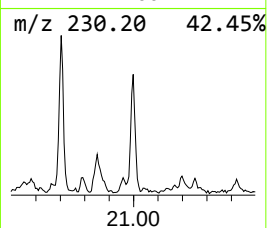
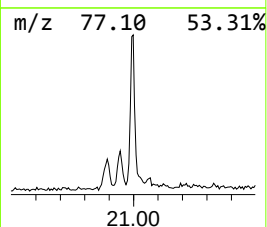
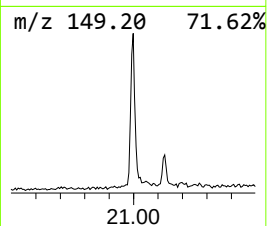
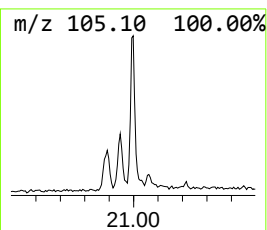
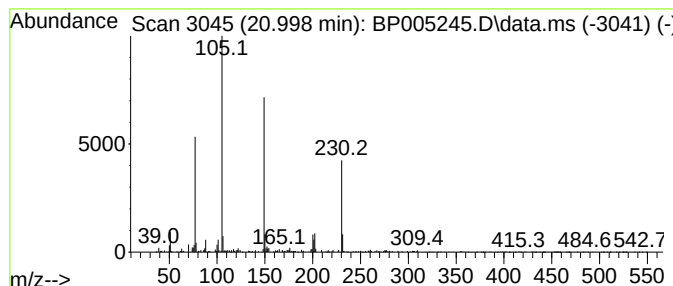
Instrument :
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ClientSampleId :
HR-02-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzamide, N-(5-acetyl-1,2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
20.998	3.97 ng	140241	Chrysene-d12			21.216
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzamide, N-(5-acetyl-1,2,3-tri...		230	C11H10N4O2	129959-33-7	53
2	Diethylene glycol dibenzoate		314	C18H18O5	000120-55-8	49
3	Benzoic acid, 2-(3-nitrophenyl)e...		271	C15H13NO4	1000368-22-4	47
4	Benzoic acid, 2-(4-nitrophenoxy)...		287	C15H13NO5	1000368-92-7	38
5	Metomidate		230	C13H14N2O2	005377-20-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005245.D
Acq On : 08 Apr 2021 20:22
Operator : CG/JU
Sample : M1971-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-02-040721

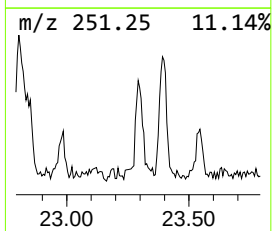
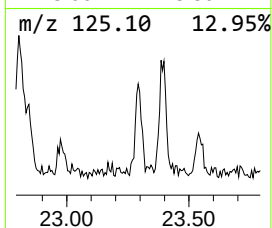
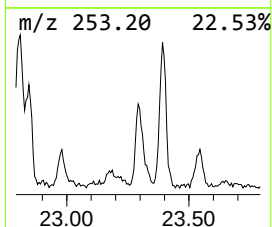
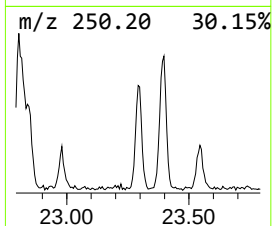
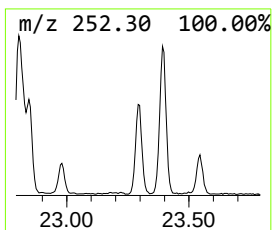
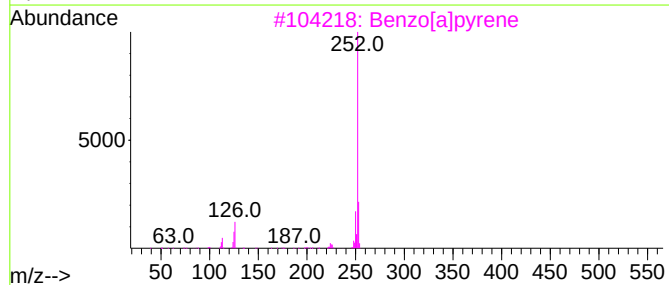
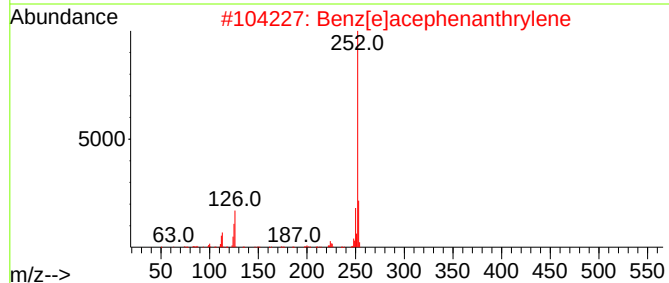
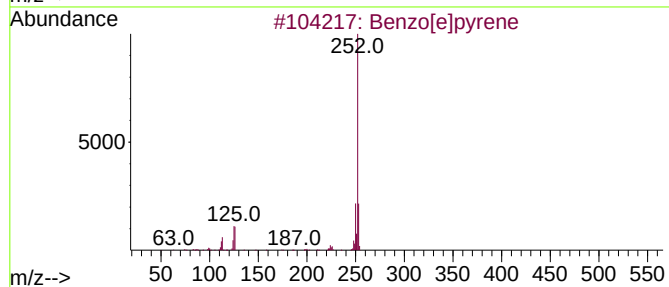
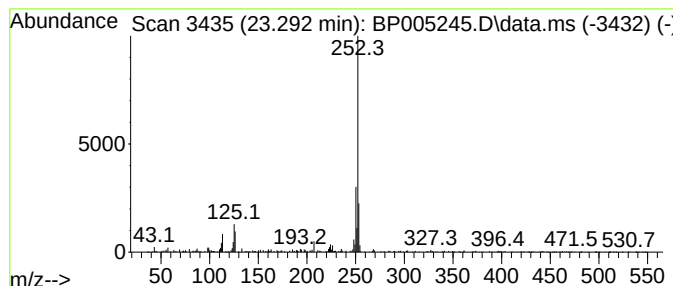
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	6.97 ng	123749	Perylene-d12	23.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Perylene	252	C20H12	000198-55-0	89
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005245.D
 Acq On : 08 Apr 2021 20:22
 Operator : CG/JU
 Sample : M1971-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	7.305	3.6	ng	45779	1	7.687	256335	20.0
Hexatriacontane	8.334	2.8	ng	36099	1	7.687	256335	20.0
Nonadecane	8.904	9.3	ng	119674	1	7.687	256335	20.0
unknown9.034	9.034	2.9	ng	36623	1	7.687	256335	20.0
Heptadecane, 8-...	9.899	2.4	ng	52118	2	10.475	439147	20.0
Undecane, 4,6-d...	10.640	2.5	ng	54971	2	10.475	439147	20.0
Cyclohexane, pe...	11.175	2.4	ng	51770	2	10.475	439147	20.0
Undecane, 2,10-...	11.393	2.2	ng	48746	2	10.475	439147	20.0
Dodecane, 4,6-d...	11.504	3.6	ng	78354	2	10.475	439147	20.0
Naphthalene, 1,...	11.669	2.0	ng	44711	2	10.475	439147	20.0
Tridecane	11.910	6.3	ng	138191	2	10.475	439147	20.0
Dodecane, 2,6,1...	12.875	3.3	ng	67301	3	14.351	403817	20.0
Undecane, 5,7-d...	13.169	4.9	ng	99568	3	14.351	403817	20.0
Undecane, 2,6-d...	13.828	3.5	ng	70183	3	14.351	403817	20.0
Oxalic acid, 2-...	14.251	2.7	ng	54704	3	14.351	403817	20.0
unknown18.175	18.175	2.3	ng	46675	4	17.110	404401	20.0
unknown20.939	20.939	3.5	ng	122477	5	21.216	707015	20.0
Benzamide, N-(5...	20.998	4.0	ng	140241	5	21.216	707015	20.0
Benzo[e]pyrene	23.292	7.0	ng	123749	6	23.492	355044	20.0