

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029099.D
 Acq On : 11 Mar 2021 17:44
 Operator : CG/JU
 Sample : M1642-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-6-8-8.5

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_M\Methods\8270-BM022321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	377	382	393	rBV	126592	184322	40.04%	3.654%
2	6.857	652	658	671	rVV	123192	195863	42.55%	3.883%
3	7.263	721	727	733	rBV	21959	28996	6.30%	0.575%
4	7.616	781	787	790	rBV	7195	10532	2.29%	0.209%
5	7.663	790	795	800	rVV	31822	47893	10.40%	0.949%
6	7.922	837	839	845	rVB3	3282	4829	1.05%	0.096%
7	8.169	875	881	887	rBV3	3465	5836	1.27%	0.116%
8	8.298	899	903	908	rBV	4060	5411	1.18%	0.107%
9	8.404	915	921	927	rBV3	3866	5726	1.24%	0.114%
10	8.834	988	994	998	rBV	79870	130934	28.44%	2.596%
11	8.869	998	1000	1010	rVB	27942	34106	7.41%	0.676%
12	9.692	1134	1140	1142	rBV2	2907	4838	1.05%	0.096%
13	9.781	1148	1155	1160	rVV3	3941	6086	1.32%	0.121%
14	9.863	1162	1169	1176	rBV	6735	11228	2.44%	0.223%
15	9.969	1182	1187	1191	rVB2	5146	7489	1.63%	0.148%
16	10.333	1245	1249	1253	rBV4	2815	5210	1.13%	0.103%
17	10.410	1254	1262	1266	rVV	82355	130450	28.34%	2.586%
18	10.451	1266	1269	1275	rVB	45825	68097	14.79%	1.350%
19	10.551	1282	1286	1289	rBV4	4375	7591	1.65%	0.150%
20	10.592	1289	1293	1299	rVB	35911	53973	11.72%	1.070%
21	10.657	1299	1304	1311	rBV2	7803	17355	3.77%	0.344%
22	10.722	1311	1315	1319	rVB5	4676	8057	1.75%	0.160%
23	10.827	1327	1333	1342	rBV6	4811	12819	2.78%	0.254%
24	10.916	1342	1348	1353	rVV3	7061	13705	2.98%	0.272%
25	10.992	1357	1361	1368	rVB5	6109	12265	2.66%	0.243%
26	11.092	1374	1378	1379	rBV2	7023	8190	1.78%	0.162%
27	11.133	1381	1385	1388	rVV2	18074	29772	6.47%	0.590%
28	11.163	1388	1390	1392	rVV	13847	16283	3.54%	0.323%
29	11.192	1392	1395	1402	rVB	17333	27541	5.98%	0.546%
30	11.269	1402	1408	1414	rBV	23454	39438	8.57%	0.782%
31	11.351	1414	1422	1429	rVB	38915	69287	15.05%	1.374%
32	11.457	1429	1440	1445	rBV	93602	170671	37.07%	3.384%
33	11.616	1461	1467	1471	rBV7	4325	9382	2.04%	0.186%
34	11.716	1479	1484	1488	rBV3	9030	14381	3.12%	0.285%
35	11.792	1490	1497	1500	rVV6	6411	14830	3.22%	0.294%
36	11.869	1501	1510	1516	rVV	313611	460348	100.00%	9.127%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.951	1520	1524	1526	rVV3	9038	15107	3.28%	0.300%
38	12.004	1530	1533	1537	rVV2	17171	26656	5.79%	0.528%
39	12.086	1541	1547	1554	rVB	29253	62218	13.52%	1.233%
40	12.163	1555	1560	1563	rBV5	6638	12715	2.76%	0.252%
41	12.245	1569	1574	1581	rVB3	12501	26211	5.69%	0.520%
42	12.322	1582	1587	1590	rBV	8968	16055	3.49%	0.318%
43	12.516	1614	1620	1623	rBV	25751	41824	9.09%	0.829%
44	12.569	1623	1629	1635	rVV4	26593	64785	14.07%	1.284%
45	12.621	1635	1638	1646	rVB	22737	29604	6.43%	0.587%
46	12.698	1646	1651	1656	rBV	42022	62329	13.54%	1.236%
47	12.786	1661	1666	1670	rBV	33014	46488	10.10%	0.922%
48	12.839	1670	1675	1679	rVB	82817	110257	23.95%	2.186%
49	12.886	1679	1683	1687	rBV2	12027	16561	3.60%	0.328%
50	12.939	1687	1692	1699	rVB	186074	264671	57.49%	5.247%
51	12.998	1699	1702	1705	rBV5	5792	9923	2.16%	0.197%
52	13.133	1717	1725	1733	rBV	284203	441752	95.96%	8.758%
53	13.221	1737	1740	1744	rVV	13614	16641	3.61%	0.330%
54	13.263	1745	1747	1750	rVV4	6021	7230	1.57%	0.143%
55	13.298	1750	1753	1757	rVB2	11784	15839	3.44%	0.314%
56	13.339	1757	1760	1762	rBV2	4078	4951	1.08%	0.098%
57	13.369	1762	1765	1773	rVB4	7733	13534	2.94%	0.268%
58	13.451	1775	1779	1781	rBV4	3681	5005	1.09%	0.099%
59	13.521	1787	1791	1795	rBV4	6447	11263	2.45%	0.223%
60	13.568	1795	1799	1802	rBV6	2920	4957	1.08%	0.098%
61	13.663	1808	1815	1820	rBV3	16087	35146	7.63%	0.697%
62	13.710	1820	1823	1828	rVV2	18898	28310	6.15%	0.561%
63	13.798	1828	1838	1842	rVV2	77352	139224	30.24%	2.760%
64	13.839	1842	1845	1852	rVV	29410	41064	8.92%	0.814%
65	13.916	1854	1858	1863	rVV	18872	23452	5.09%	0.465%
66	13.968	1863	1867	1870	rVV3	4376	7005	1.52%	0.139%
67	14.004	1870	1873	1877	rVB	6287	8600	1.87%	0.170%
68	14.157	1893	1899	1904	rVB5	6443	15319	3.33%	0.304%
69	14.221	1904	1910	1915	rVV	141331	188729	41.00%	3.742%
70	14.286	1918	1921	1924	rVV2	9359	14214	3.09%	0.282%
71	14.327	1924	1928	1934	rVB	68785	96683	21.00%	1.917%
72	14.663	1977	1985	1992	rBV6	3744	9653	2.10%	0.191%
73	14.721	1992	1995	2001	rVB5	4014	5752	1.25%	0.114%
74	14.839	2012	2015	2021	rVB2	6563	9382	2.04%	0.186%
75	15.174	2067	2072	2076	rBV	8601	9952	2.16%	0.197%
76	15.827	2178	2183	2196	rVB	142413	194631	42.28%	3.859%

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77	17.074	2390	2395	2400	rBV	71604	98301	21.35%	1.949%
78	17.121	2400	2403	2408	rVB5	2960	4908	1.07%	0.097%
79	17.851	2522	2527	2530	rBV5	2529	5735	1.25%	0.114%
80	17.974	2542	2548	2559	rBV	49743	71411	15.51%	1.416%
81	18.503	2635	2638	2643	rBV7	2255	4741	1.03%	0.094%
82	18.709	2670	2673	2678	rBV4	4532	6143	1.33%	0.122%
83	18.892	2700	2704	2707	rBV5	3977	5790	1.26%	0.115%
84	19.133	2738	2745	2752	rBV4	17916	37923	8.24%	0.752%
85	19.256	2762	2766	2771	rBV	20511	26712	5.80%	0.530%
86	19.392	2786	2789	2792	rVB	9044	9262	2.01%	0.184%
87	19.703	2837	2842	2847	rVB	322060	379868	82.52%	7.531%
88	20.462	2967	2971	2975	rBV	32812	37630	8.17%	0.746%
89	20.968	3053	3057	3066	rVB	46125	74491	16.18%	1.477%
90	21.250	3101	3105	3110	rBV	96832	128936	28.01%	2.556%
91	23.409	3466	3472	3478	rBV	73078	124780	27.11%	2.474%

Sum of corrected areas: 5044057

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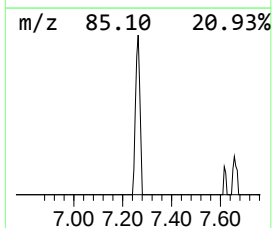
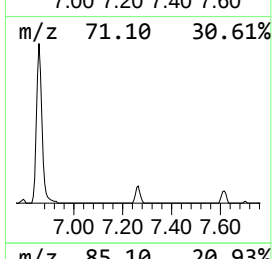
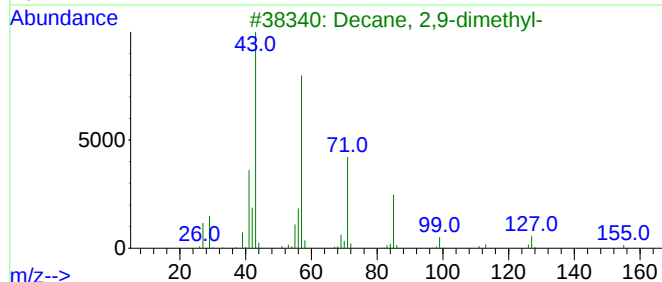
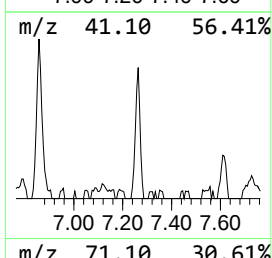
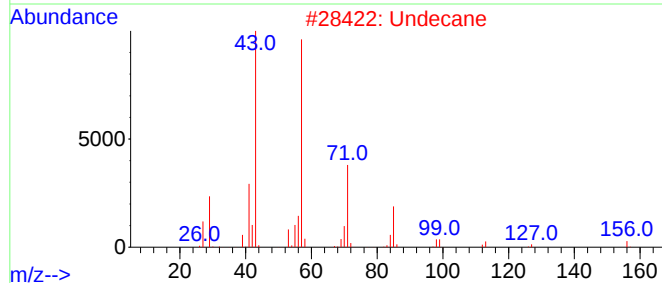
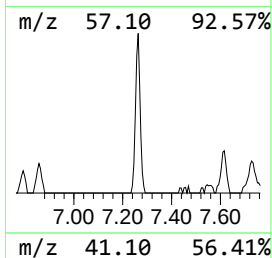
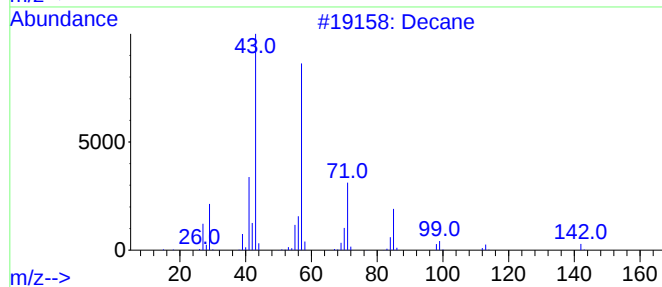
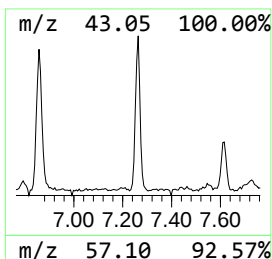
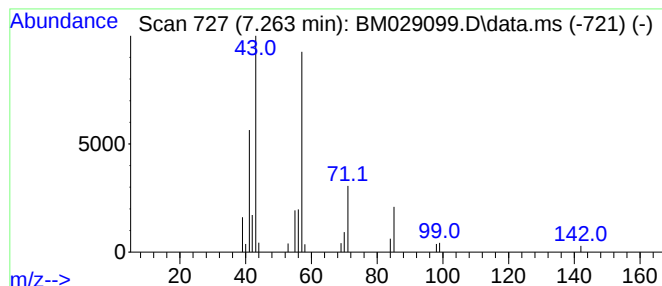
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	12.11 ng	28996	1,4-Dichlorobenzene-d4	7.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	91
2			Undecane	156	C11H24	001120-21-4	78
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	64



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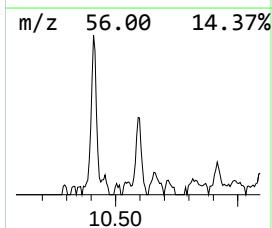
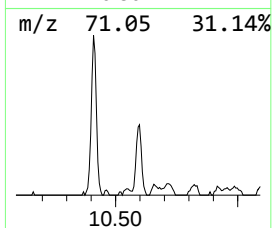
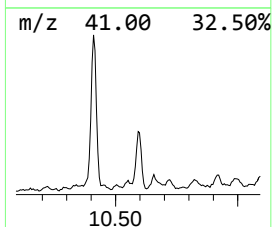
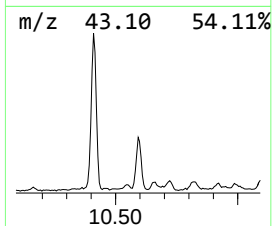
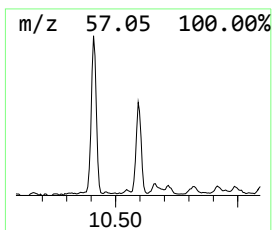
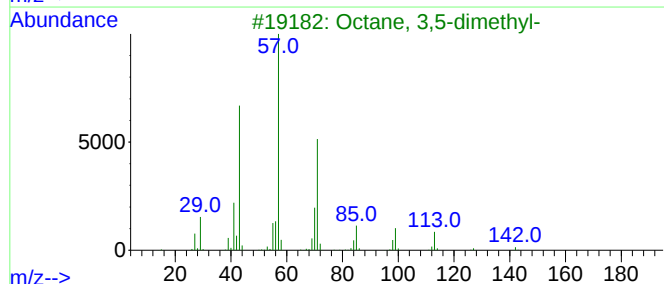
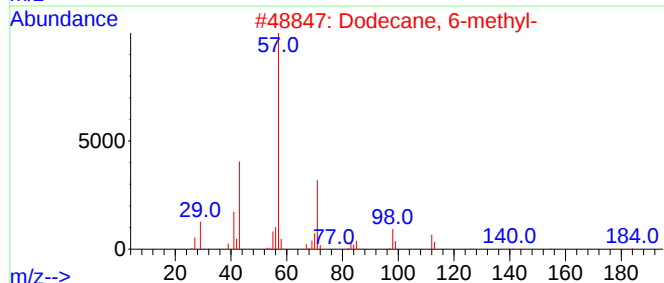
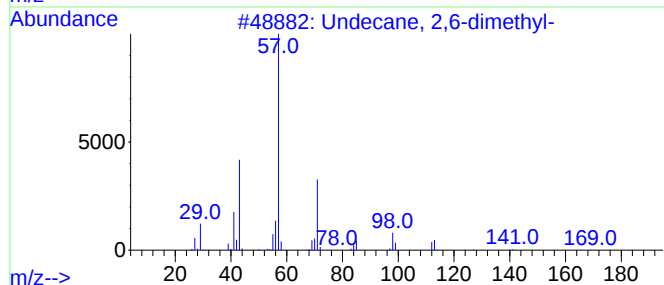
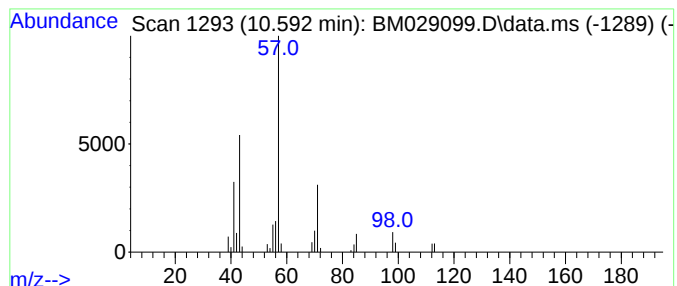
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	15.85 ng	53973	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50



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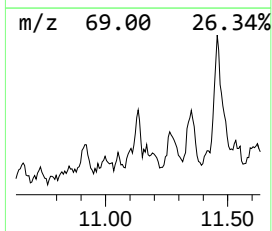
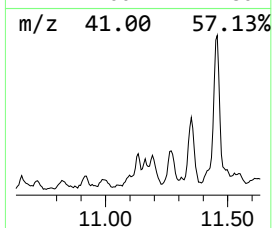
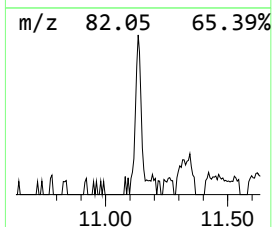
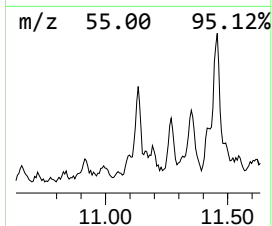
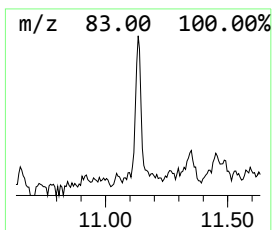
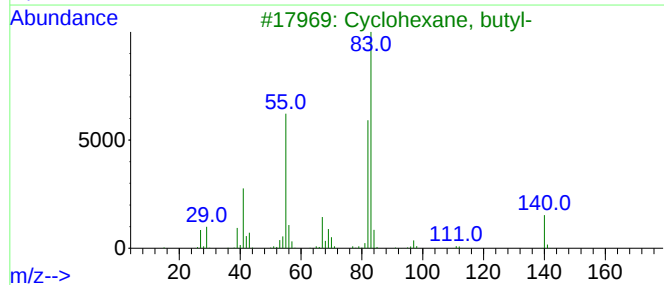
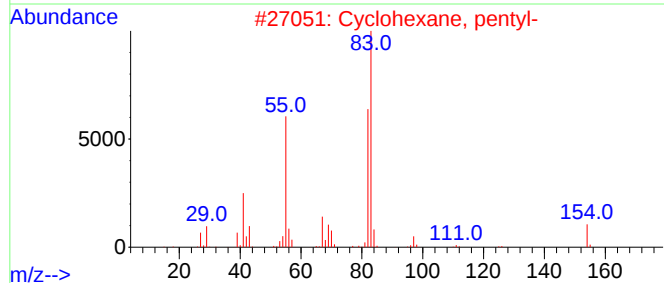
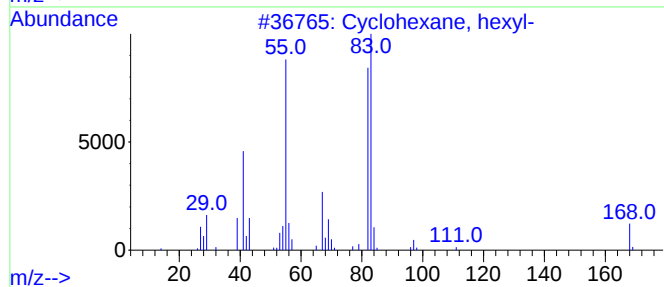
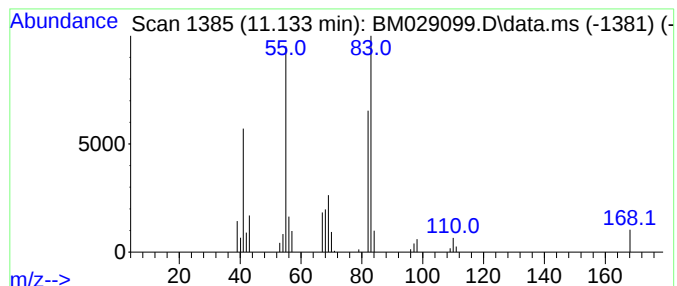
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	8.74 ng	29772	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	68
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



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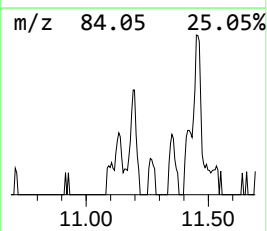
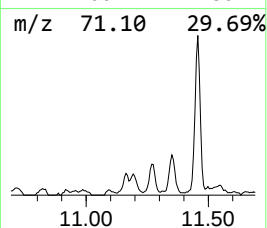
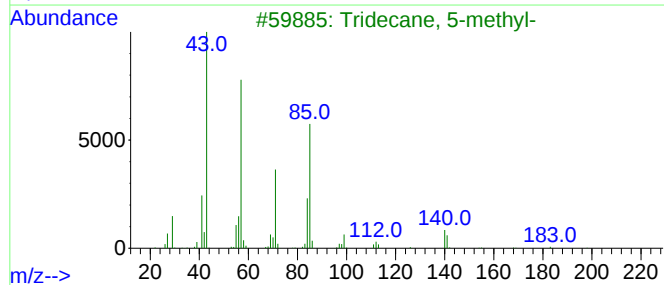
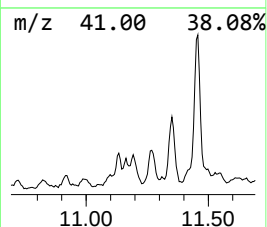
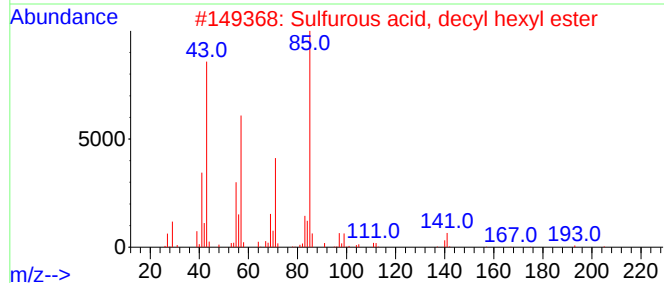
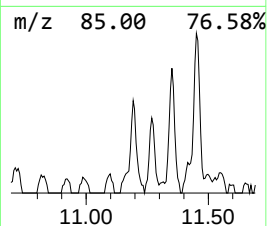
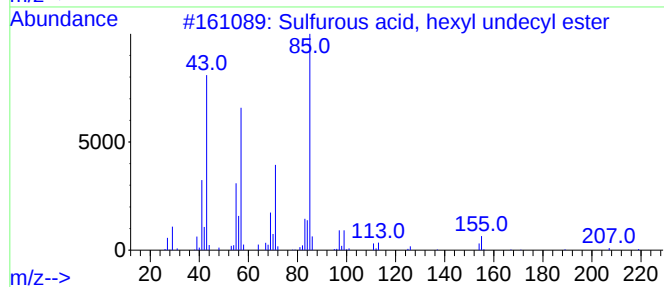
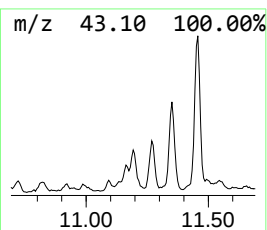
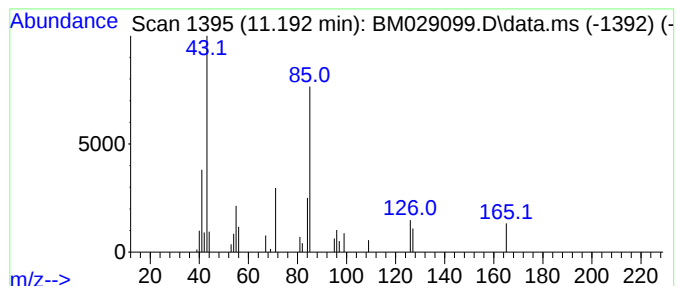
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, hexyl undec... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	8.09 ng	27541	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	50
2			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	47
3			Tridecane, 5-methyl-	198	C14H30	025117-31-1	45
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	45
5			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

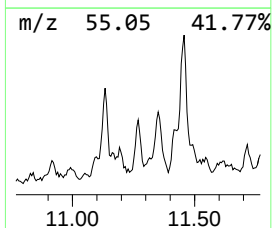
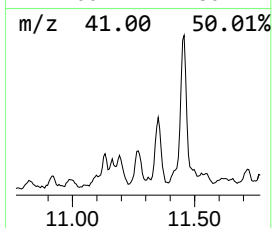
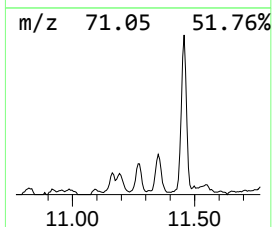
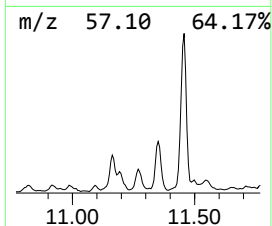
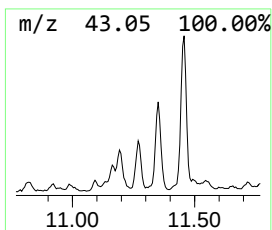
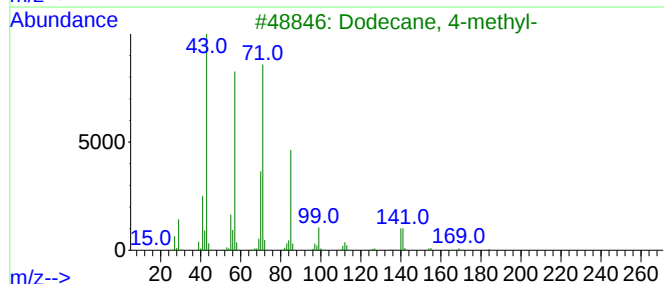
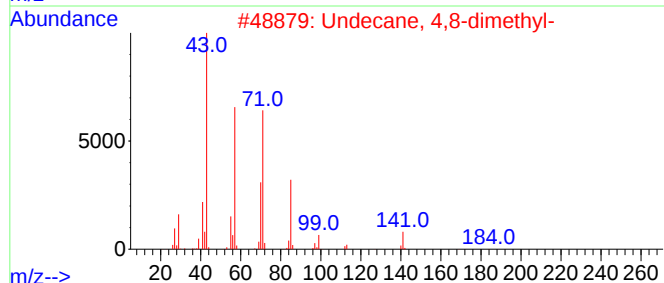
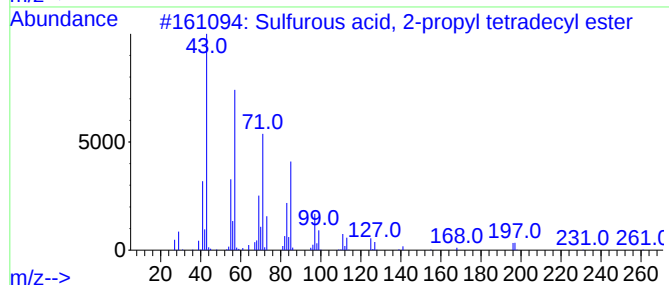
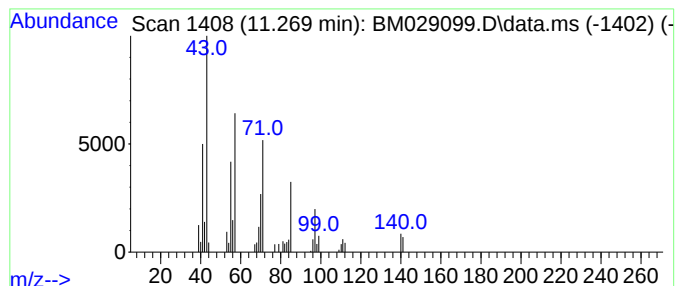
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Sulfurous acid, 2-propyl te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	11.58 ng	39438	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1000309-12-5	59
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
4			9-methylheptadecane	254	C18H38	026741-18-4	58
5			Ethanone, 1-(2,2-dimethylcyclopropyl)-	140	C9H16O	003664-75-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

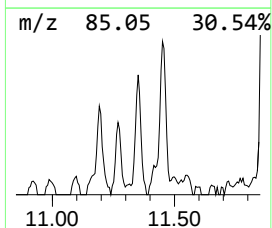
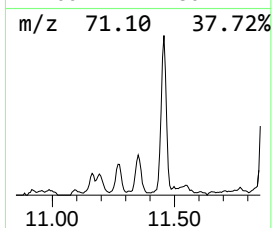
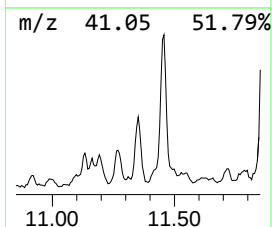
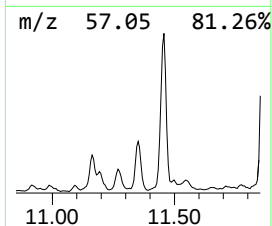
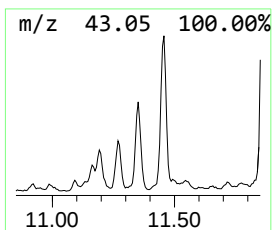
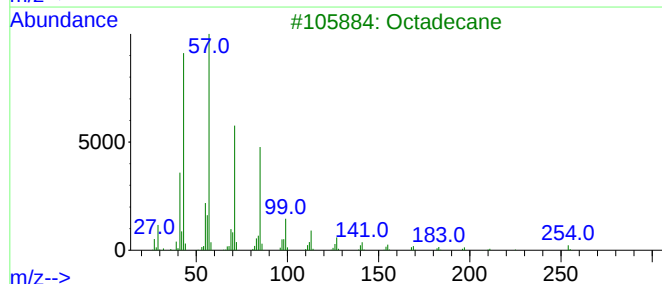
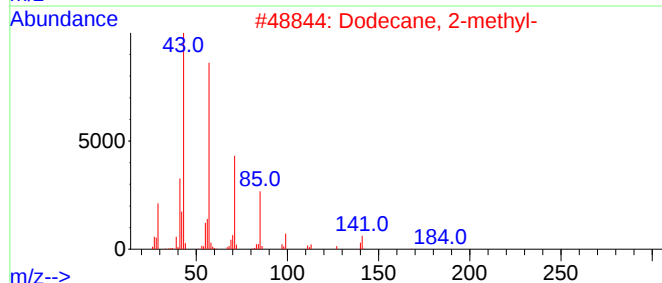
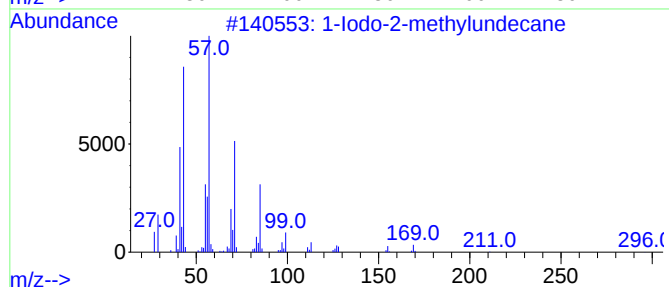
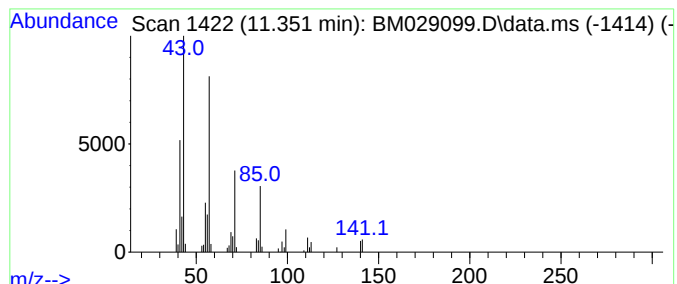
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Iodo-2-methylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	20.35 ng	69287	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3			Octadecane	254	C18H38	000593-45-3	72
4			9-methylheptadecane	254	C18H38	026741-18-4	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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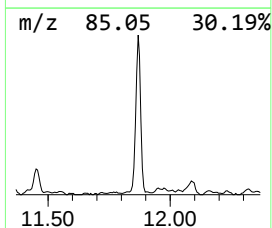
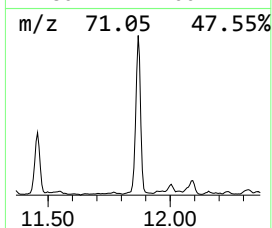
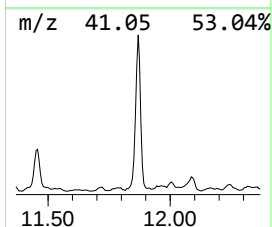
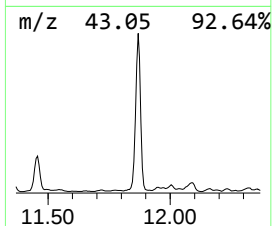
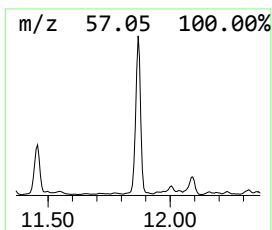
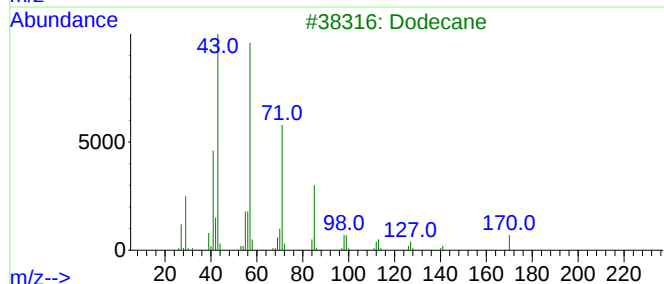
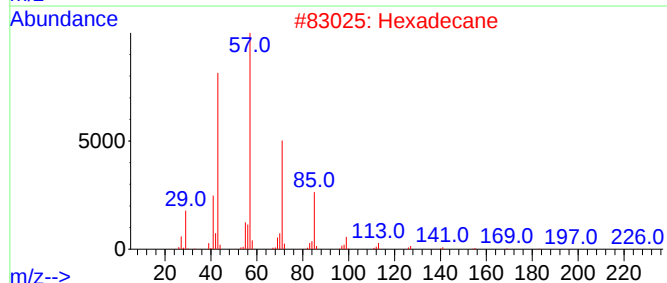
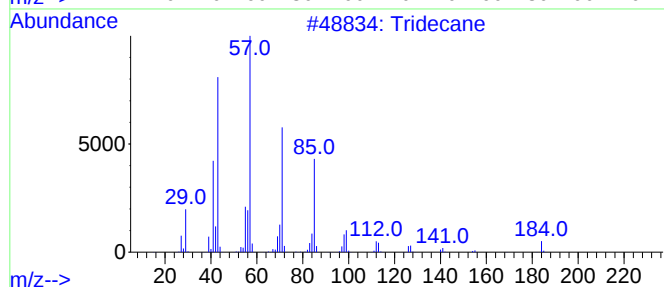
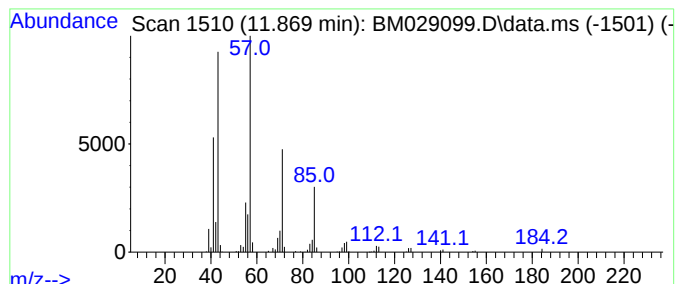
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	135.20 ng	460348	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5			Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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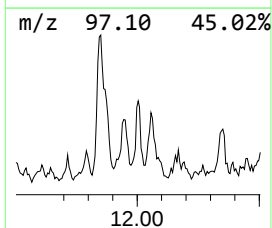
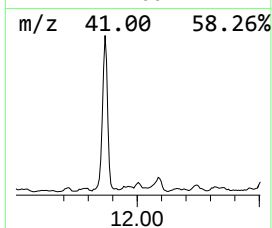
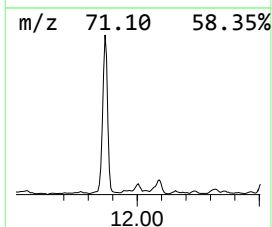
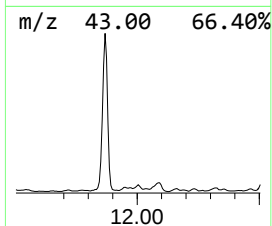
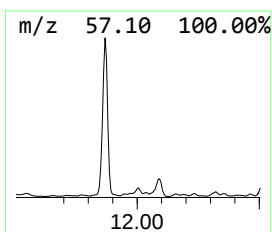
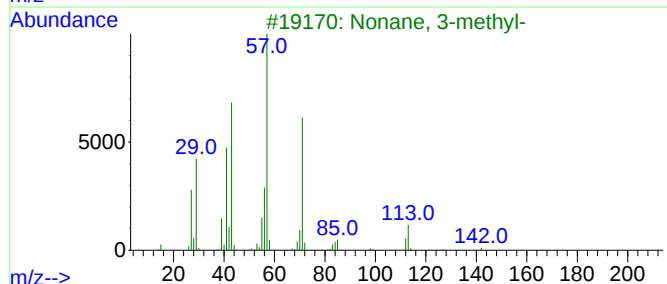
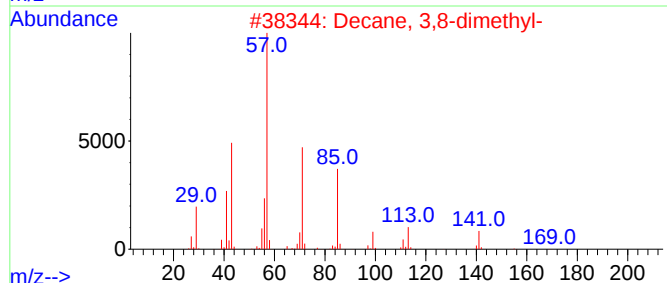
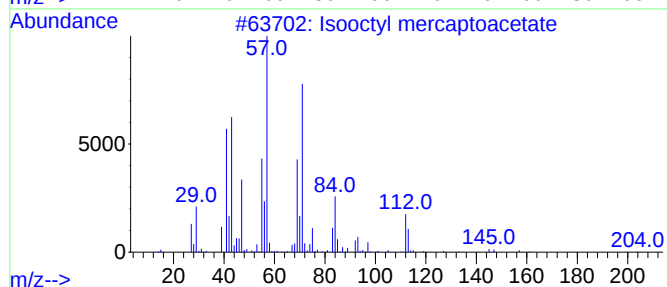
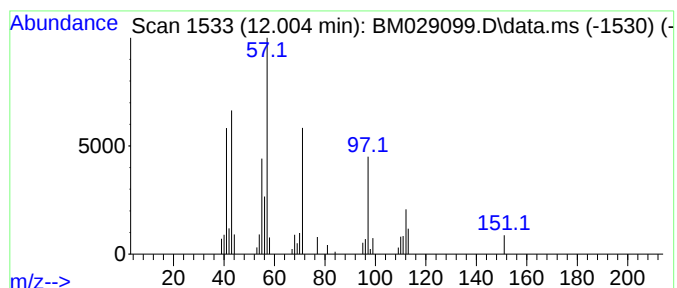
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Isooctyl mercaptoacetate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.83 ng	26656	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	50
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

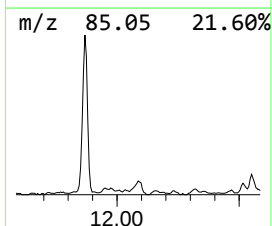
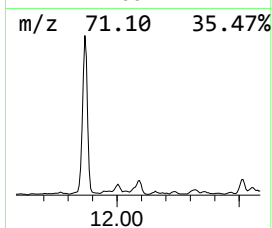
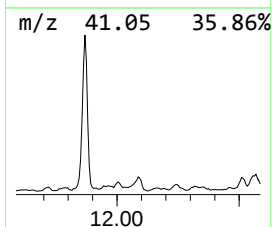
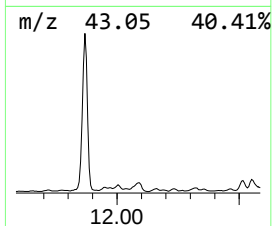
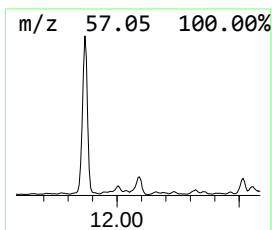
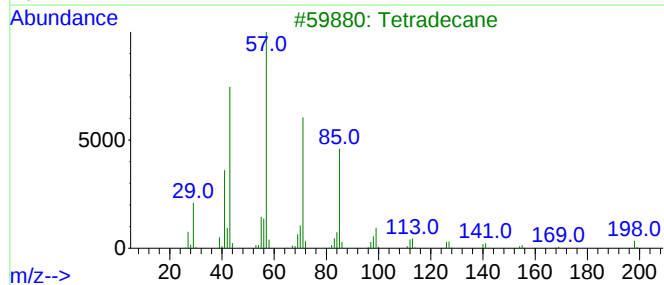
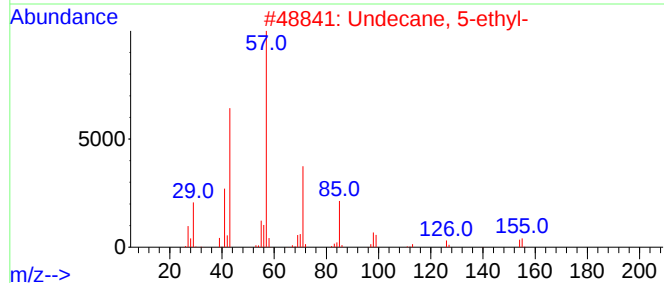
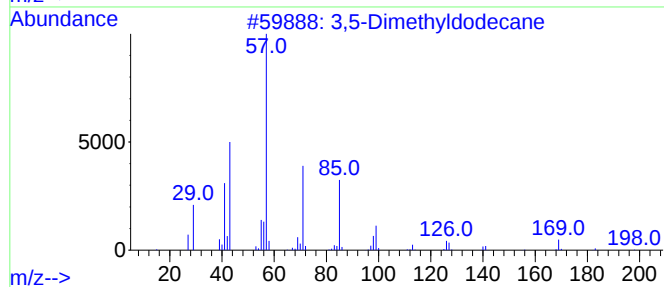
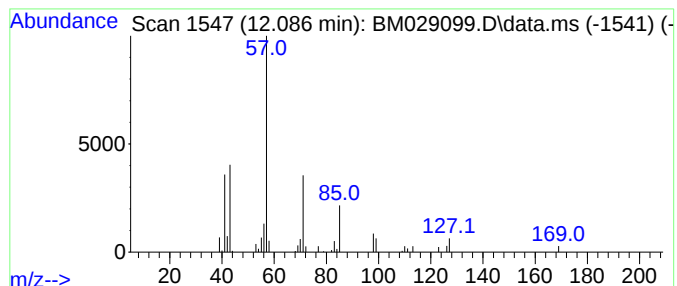
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3,5-Dimethyldodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	18.27 ng	62218	Naphthalene-d8	10.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3			Tetradecane	198	C14H30	000629-59-4	53
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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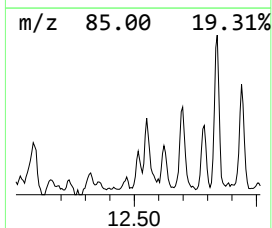
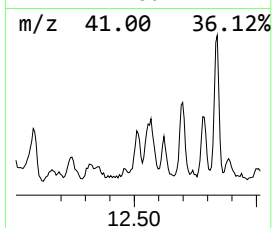
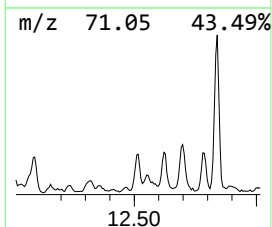
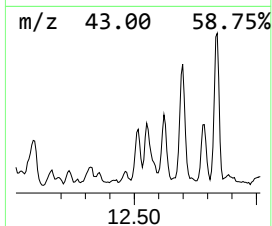
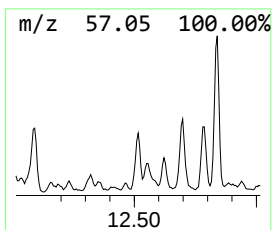
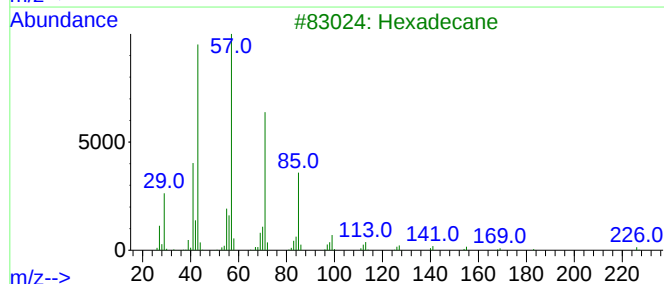
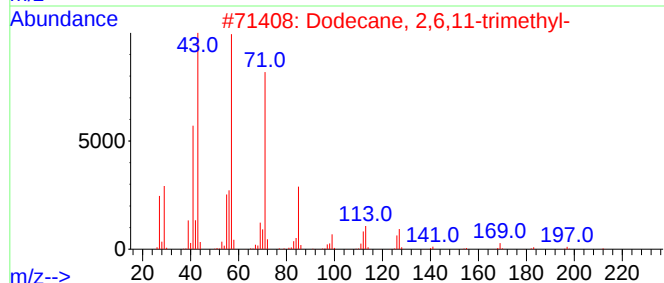
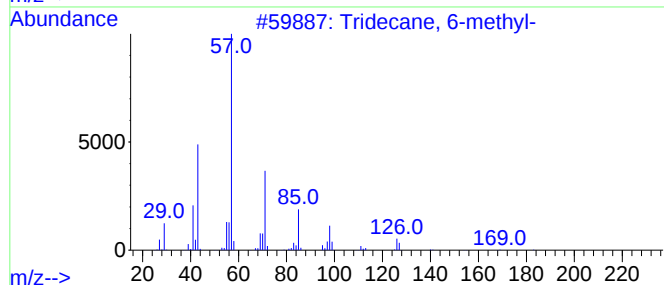
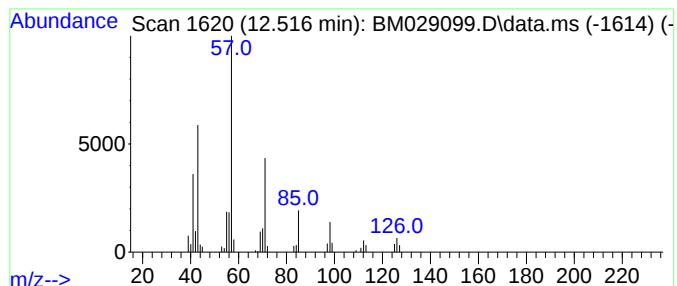
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	8.65 ng	41824	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3			Hexadecane	226	C16H34	000544-76-3	53
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
5			3,4-Hexanedione, 2,2,5-trimethyl-	156	C9H16O2	020633-03-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

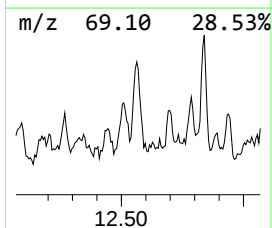
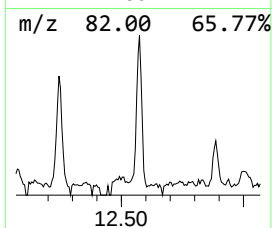
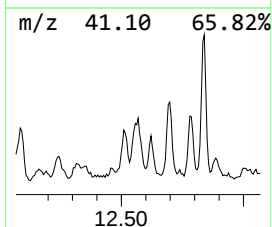
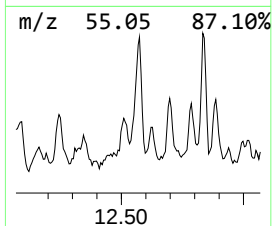
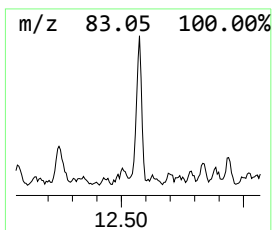
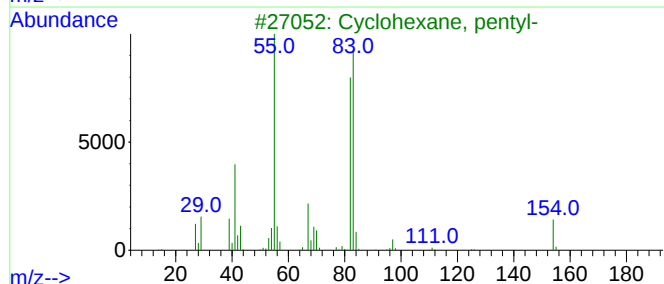
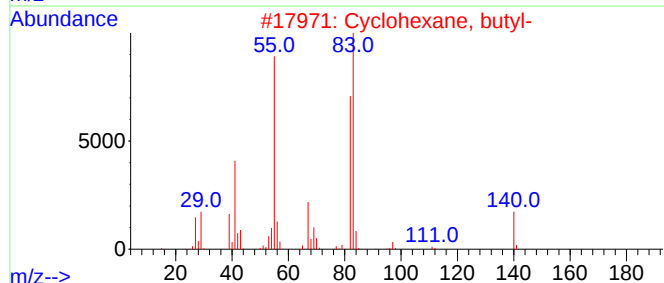
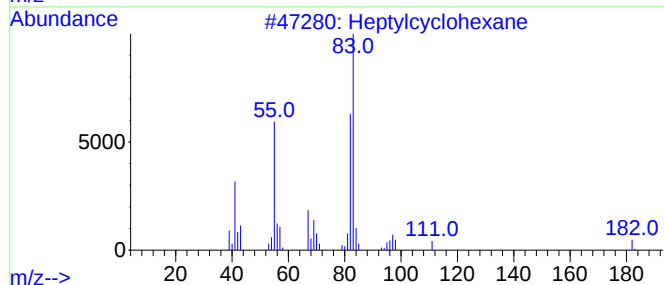
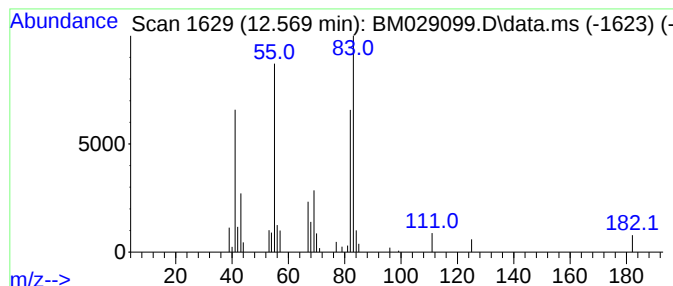
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptylcyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	13.40 ng	64785	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	80
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Misc :
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Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

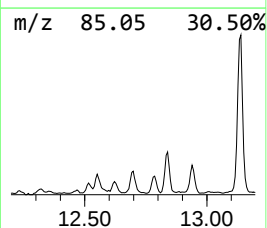
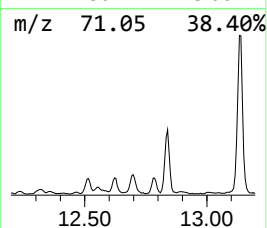
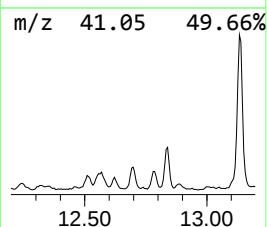
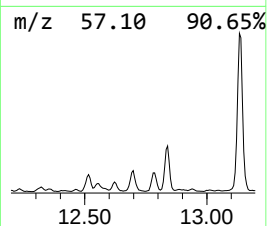
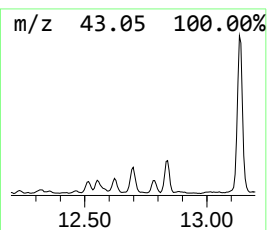
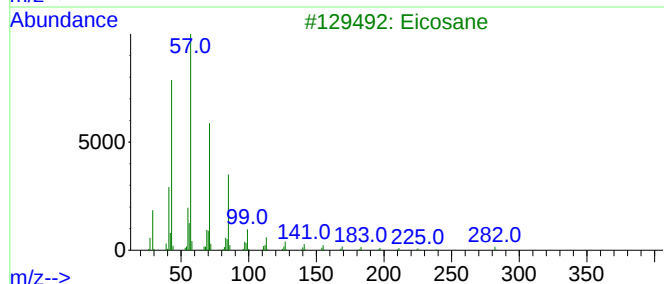
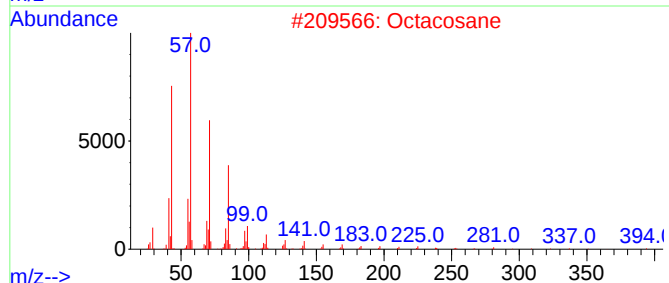
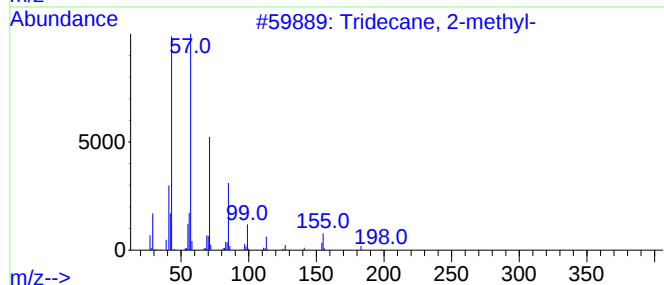
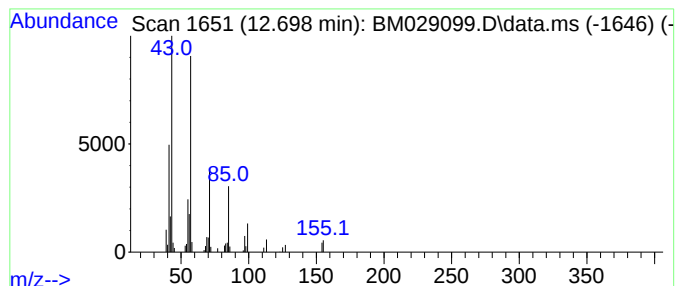
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	12.89 ng	62329	Acenaphthene-d10	14.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Octacosane	394	C28H58	000630-02-4	78
3		Eicosane	282	C20H42	000112-95-8	78
4		Heneicosane	296	C21H44	000629-94-7	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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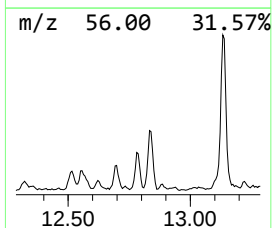
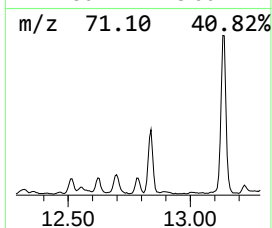
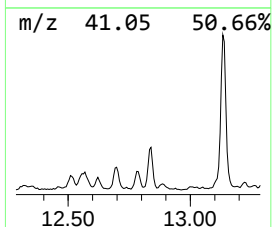
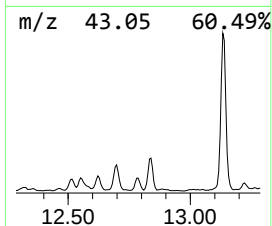
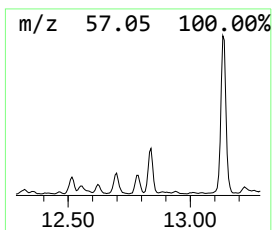
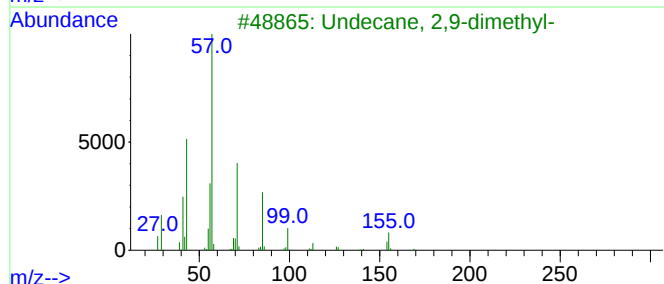
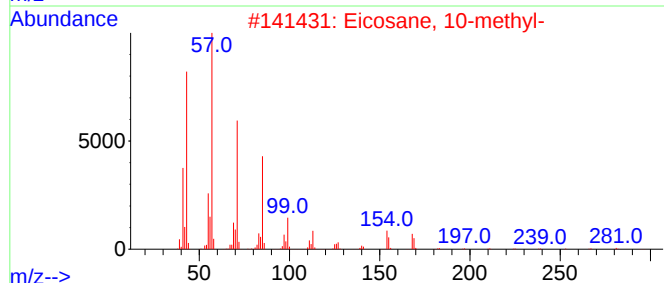
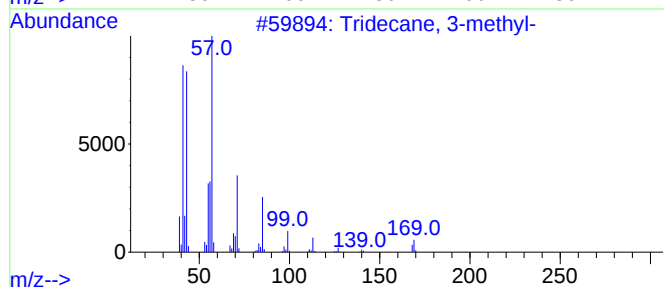
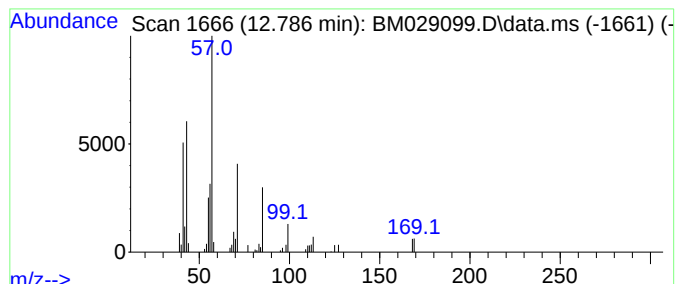
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	9.62 ng	46488	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	83
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5			Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Instrument :
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ClientSampleId :
CSB-6-8-8.5

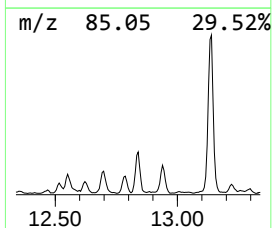
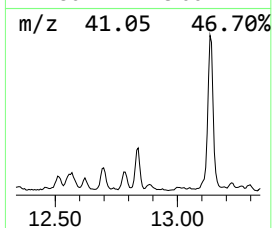
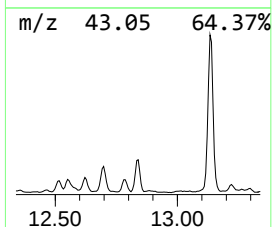
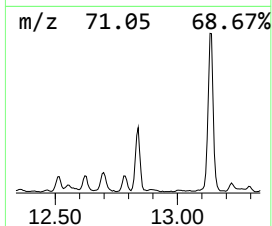
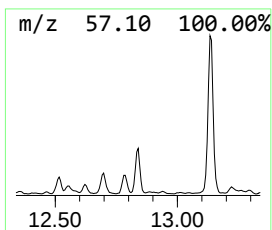
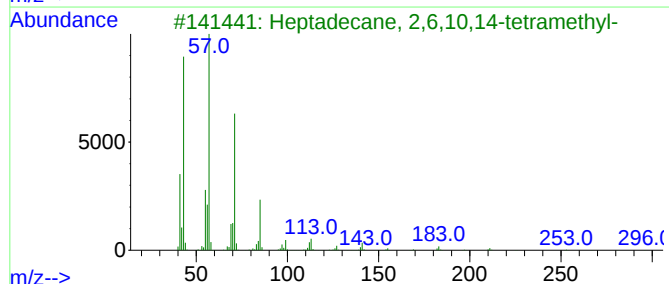
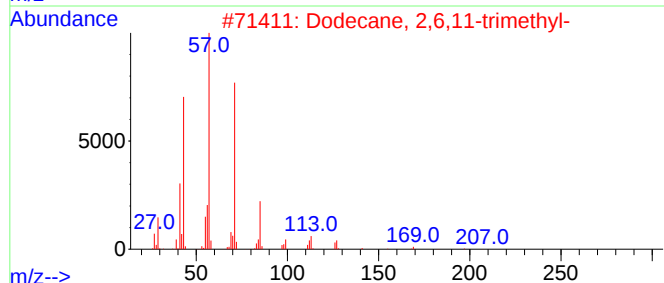
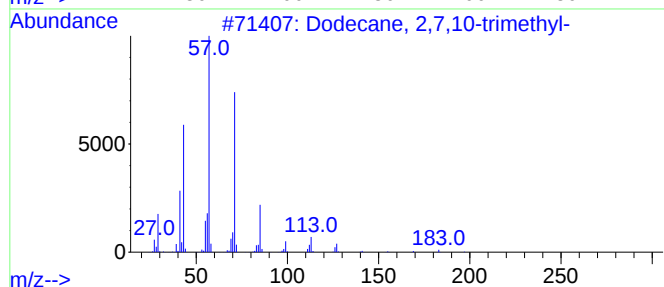
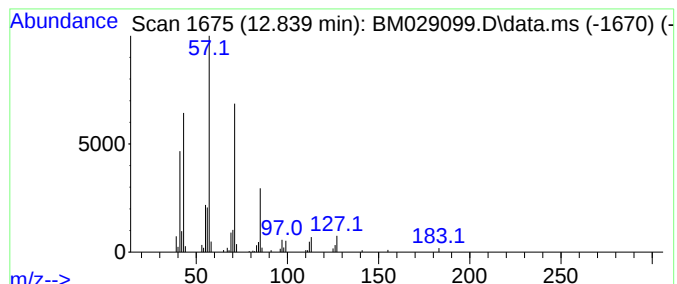
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	22.81 ng	110257	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

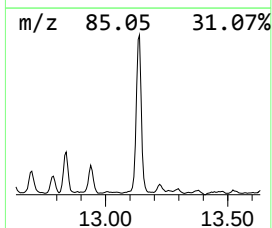
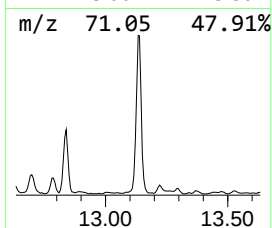
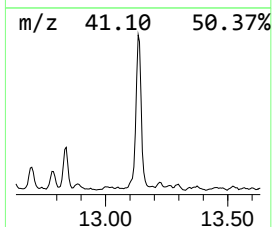
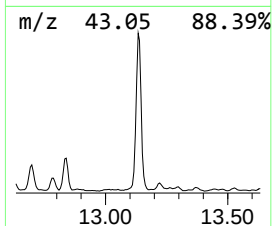
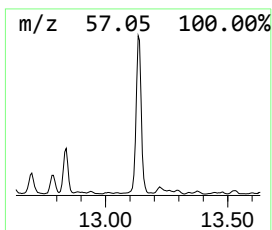
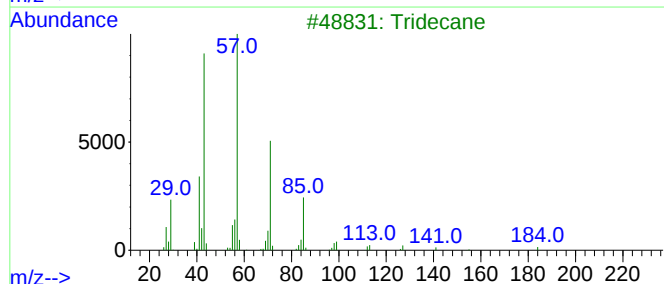
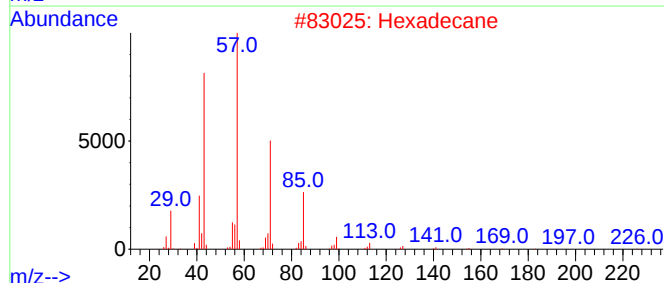
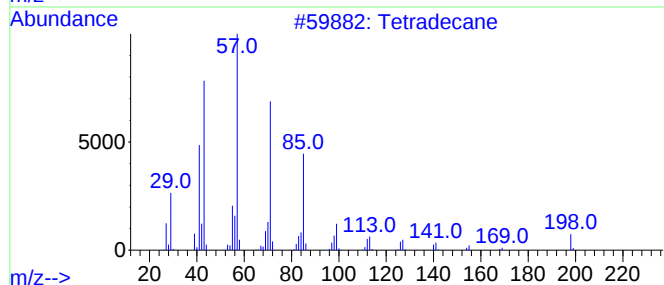
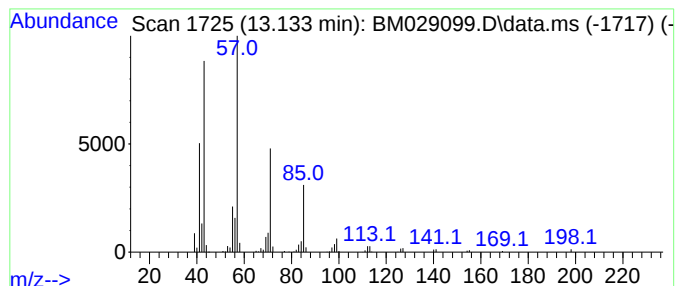
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	91.38 ng	441752	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
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Instrument :
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ClientSampleId :
CSB-6-8-8.5

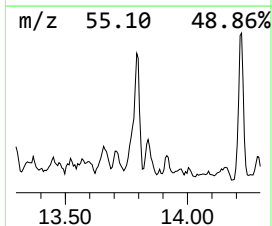
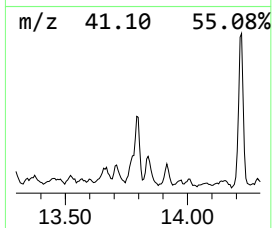
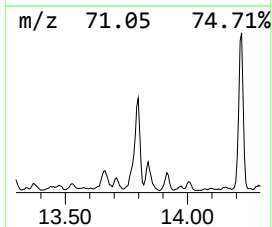
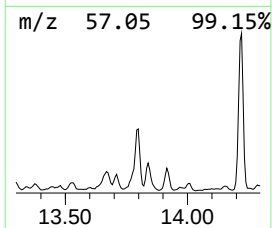
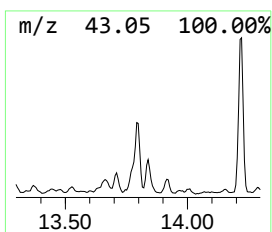
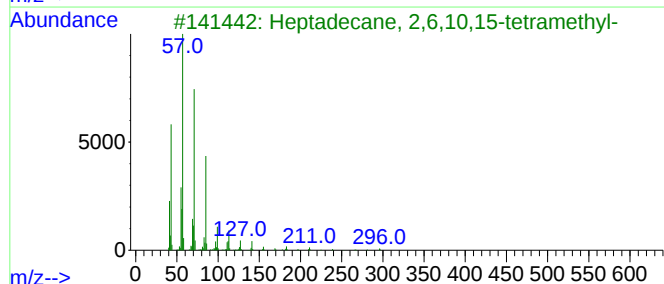
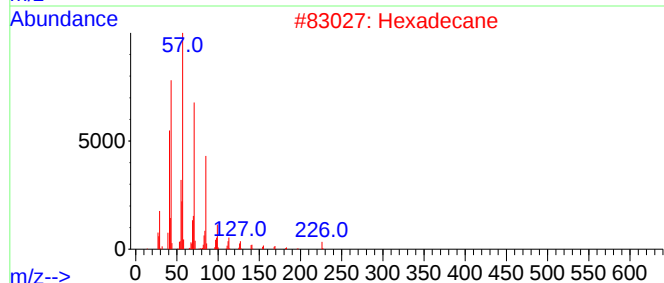
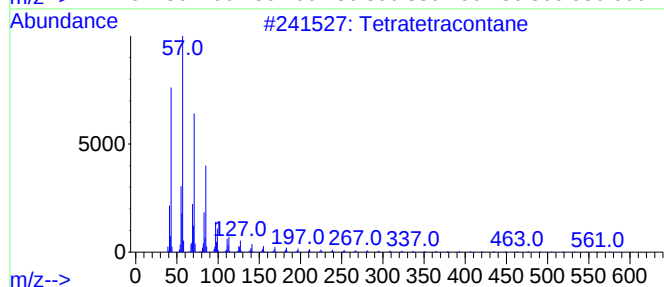
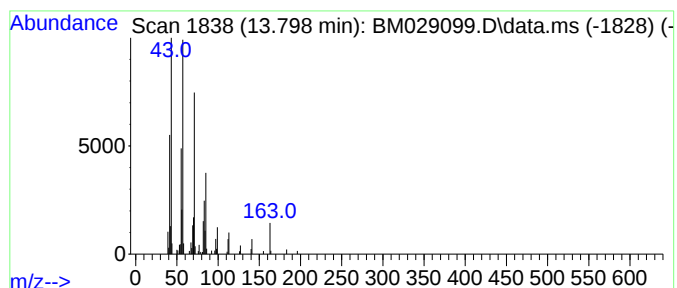
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	28.80 ng	139224	Acenaphthene-d10	14.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	86
2		Hexadecane	226	C16H34	000544-76-3	74
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
5		Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
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Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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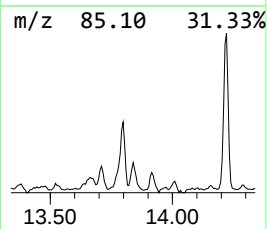
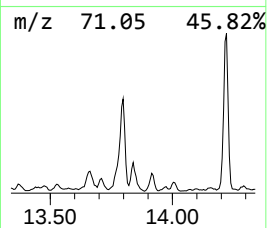
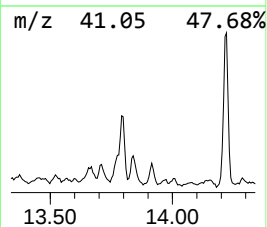
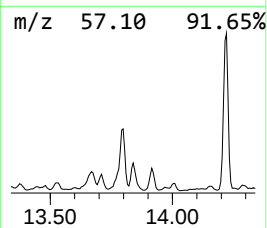
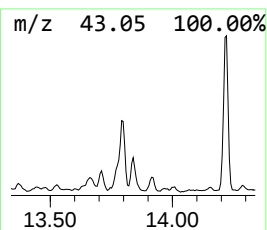
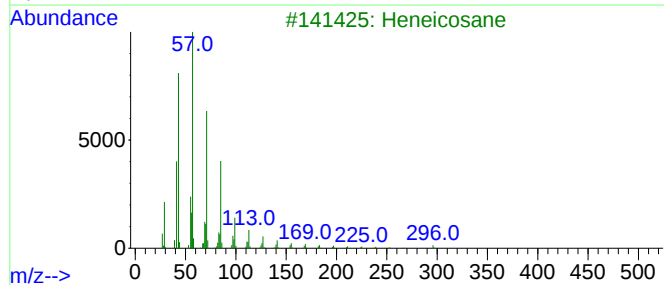
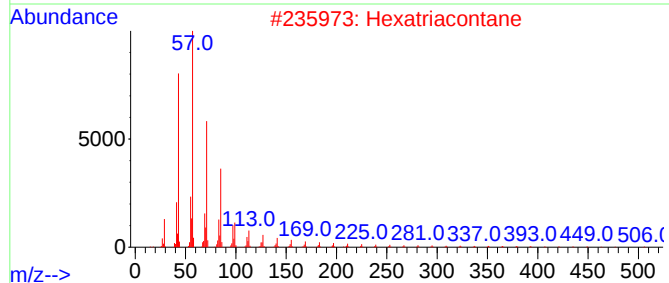
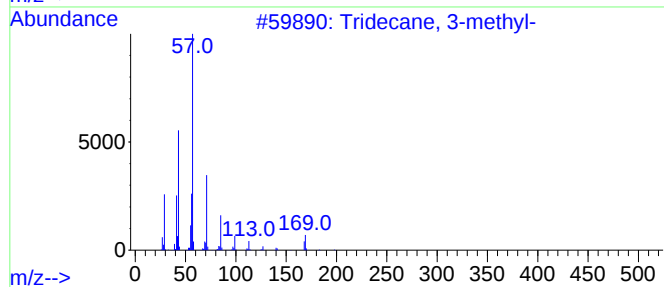
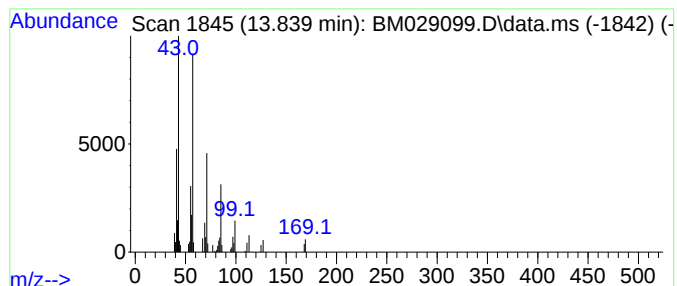
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexatriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	8.49 ng	41064	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
2			Hexatriacontane	507	C36H74	000630-06-8	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Triacontane	422	C30H62	000638-68-6	86
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

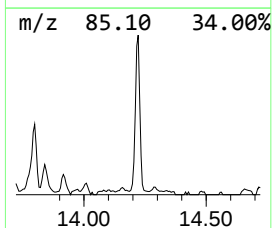
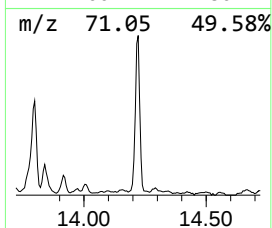
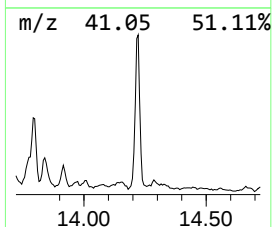
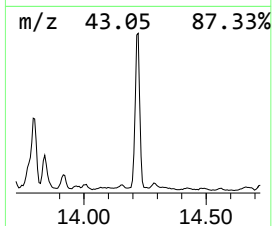
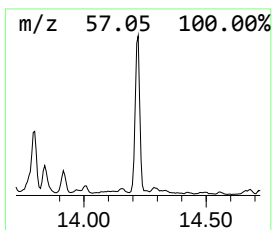
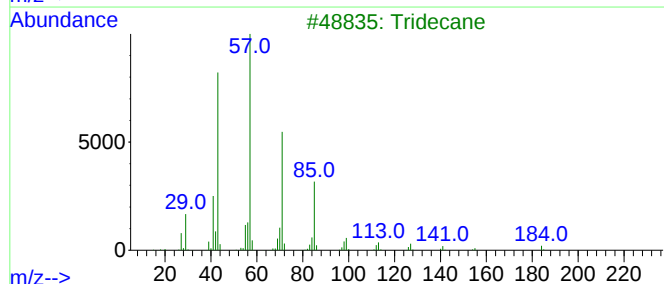
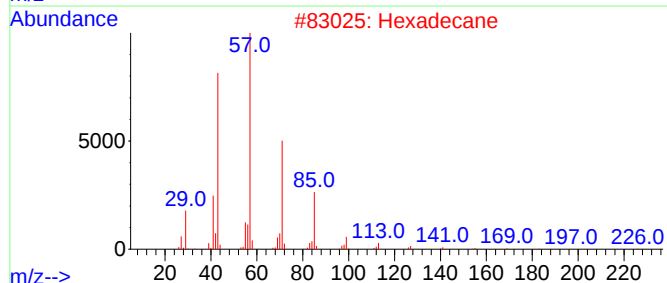
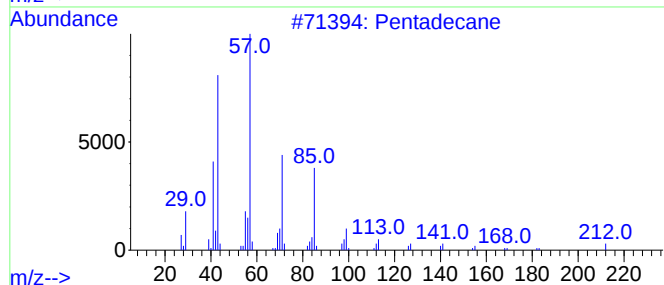
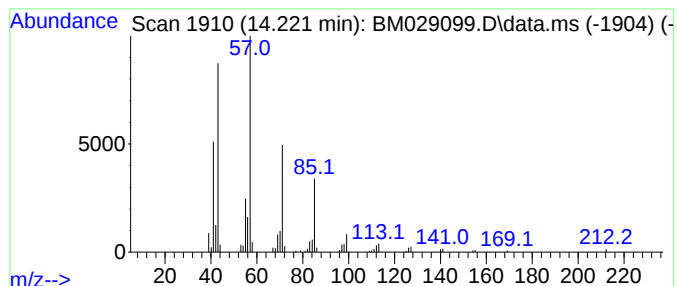
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.221	39.04 ng	188729	Acenaphthene-d10	14.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

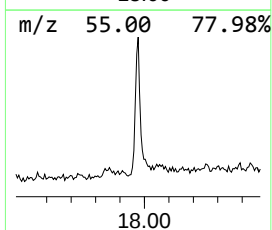
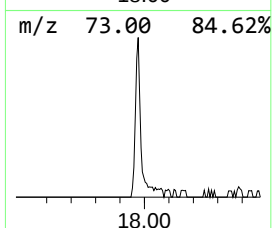
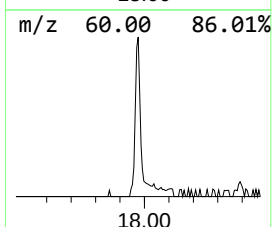
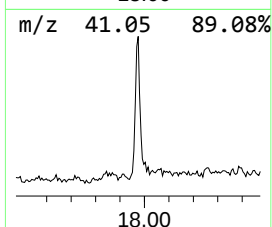
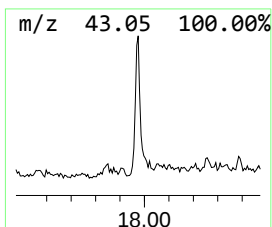
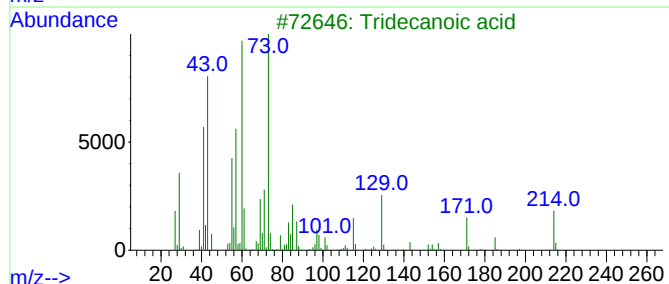
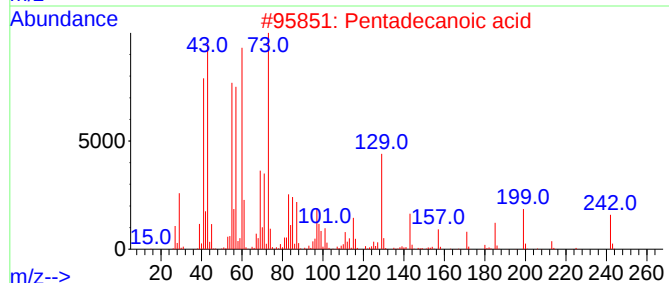
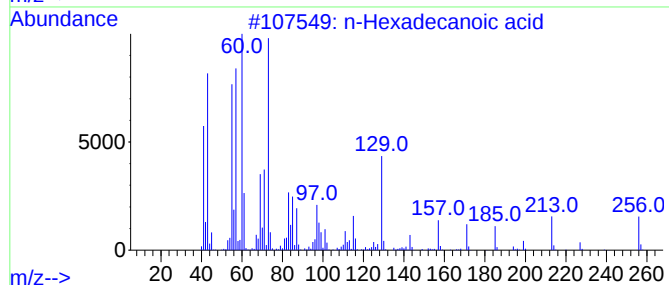
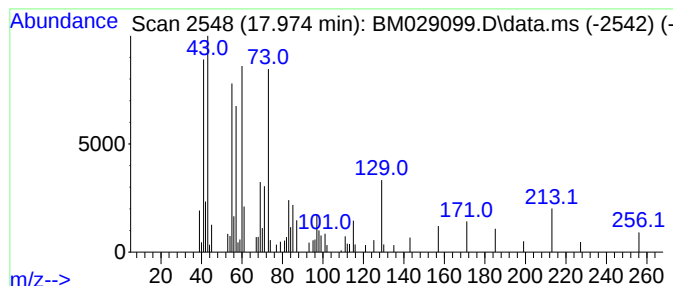
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	14.53 ng	71411	Phenanthrene-d10	17.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029099.D
Acq On : 11 Mar 2021 17:44
Operator : CG/JU
Sample : M1642-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-6-8-8.5

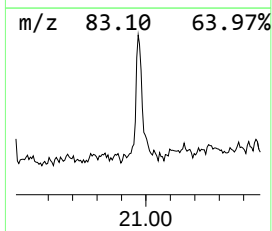
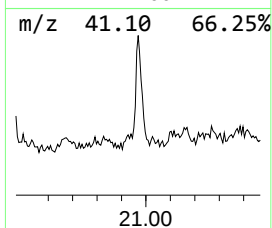
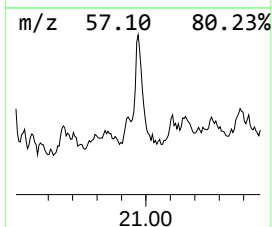
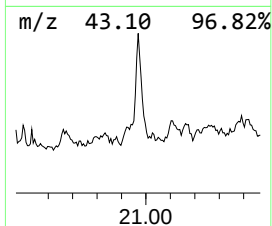
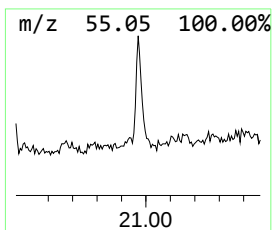
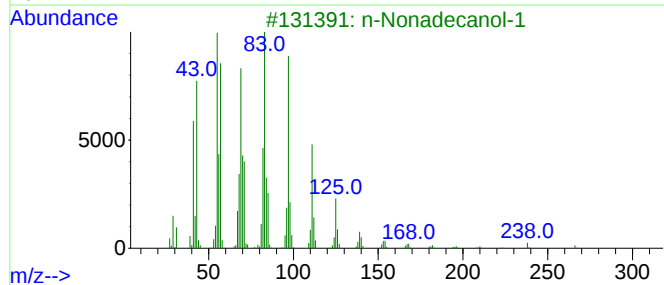
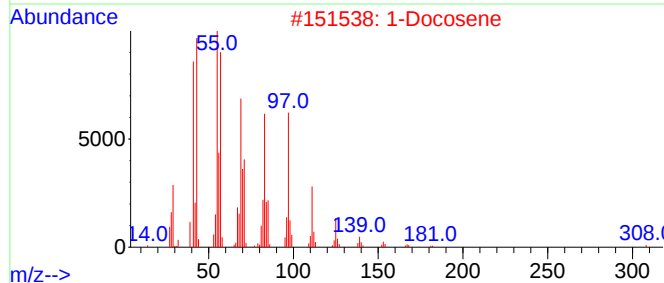
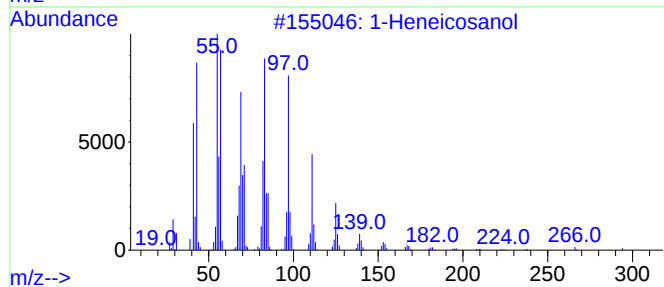
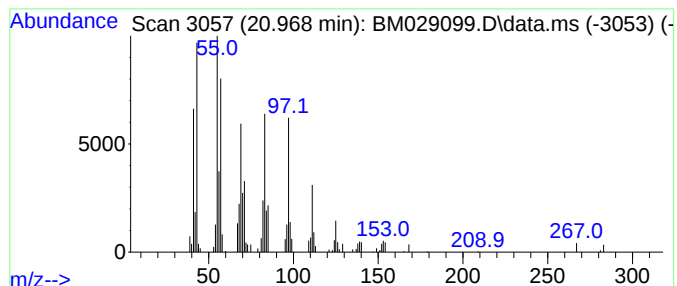
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Heneicosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	11.55 ng	74491	Chrysene-d12	21.250

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Docosene	308	C22H44	001599-67-3	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029099.D
 Acq On : 11 Mar 2021 17:44
 Operator : CG/JU
 Sample : M1642-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-6-8-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Decane	7.263	12.1	ng	28996	1	7.663	47893	20.0
Undecane, 2,6-d...	10.592	15.9	ng	53973	2	10.451	68097	20.0
Cyclohexane, he...	11.133	8.7	ng	29772	2	10.451	68097	20.0
Sulfurous acid,...	11.192	8.1	ng	27541	2	10.451	68097	20.0
Sulfurous acid,...	11.269	11.6	ng	39438	2	10.451	68097	20.0
1-Iodo-2-methyl...	11.351	20.4	ng	69287	2	10.451	68097	20.0
Tridecane	11.869	135.2	ng	460348	2	10.451	68097	20.0
Isooctyl mercap...	12.004	7.8	ng	26656	2	10.451	68097	20.0
3,5-Dimethyldod...	12.086	18.3	ng	62218	2	10.451	68097	20.0
Tridecane, 6-me...	12.516	8.7	ng	41824	3	14.327	96683	20.0
Heptylcyclohexane	12.569	13.4	ng	64785	3	14.327	96683	20.0
Tridecane, 2-me...	12.698	12.9	ng	62329	3	14.327	96683	20.0
Tridecane, 3-me...	12.786	9.6	ng	46488	3	14.327	96683	20.0
Dodecane, 2,7,1...	12.839	22.8	ng	110257	3	14.327	96683	20.0
Tetradecane	13.133	91.4	ng	441752	3	14.327	96683	20.0
Tetratetracontane	13.798	28.8	ng	139224	3	14.327	96683	20.0
Hexatriacontane	13.839	8.5	ng	41064	3	14.327	96683	20.0
Pentadecane	14.221	39.0	ng	188729	3	14.327	96683	20.0
n-Hexadecanoic ...	17.974	14.5	ng	71411	4	17.074	98301	20.0
1-Heneicosanol	20.968	11.6	ng	74491	5	21.250	128936	20.0