

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008208.D
 Acq On : 03 Dec 2021 16:53
 Operator : CG/JU
 Sample : M4798-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-4.5

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_P\Methods\8270E-BP112521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.917	320	328	339	rBV	158250	233633	1.35%	0.174%
2	5.387	401	408	419	rBV	1430335	2105804	12.21%	1.572%
3	6.981	666	679	693	rBV	1322970	2189832	12.70%	1.635%
4	7.793	809	817	824	rVB2	315408	579133	3.36%	0.432%
5	8.905	995	1006	1009	rBV6	87478	220618	1.28%	0.165%
6	8.957	1009	1015	1023	rVV	845257	1479602	8.58%	1.104%
7	9.152	1044	1048	1054	rVB4	86052	176920	1.03%	0.132%
8	9.281	1063	1070	1075	rVB3	75676	185240	1.07%	0.138%
9	9.446	1092	1098	1103	rBV3	145856	261125	1.51%	0.195%
10	9.510	1105	1109	1115	rVB3	128865	218843	1.27%	0.163%
11	9.775	1149	1154	1162	rVB5	205482	383944	2.23%	0.287%
12	9.863	1162	1169	1170	rBV	117557	203685	1.18%	0.152%
13	10.028	1188	1197	1205	rBV7	137411	432416	2.51%	0.323%
14	10.187	1219	1224	1234	rVB7	117181	273187	1.58%	0.204%
15	10.381	1253	1257	1262	rVB4	128205	204435	1.19%	0.153%
16	10.463	1266	1271	1273	rBV3	128261	202699	1.18%	0.151%
17	10.587	1283	1292	1299	rVV2	563973	1525756	8.85%	1.139%
18	10.716	1310	1314	1318	rVV3	185061	270302	1.57%	0.202%
19	10.769	1318	1323	1328	rVV	1106306	1641150	9.51%	1.225%
20	10.828	1328	1333	1340	rVV3	192945	456573	2.65%	0.341%
21	10.893	1340	1344	1349	rVB4	200590	340824	1.98%	0.254%
22	11.004	1359	1363	1368	rBV5	126130	193666	1.12%	0.145%
23	11.093	1374	1378	1382	rVB3	258200	348511	2.02%	0.260%
24	11.304	1403	1414	1418	rBV7	459590	1319301	7.65%	0.985%
25	11.369	1422	1425	1432	rVV3	236859	501550	2.91%	0.374%
26	11.440	1432	1437	1444	rVV5	261010	641431	3.72%	0.479%
27	11.522	1448	1451	1458	rVB5	332791	720825	4.18%	0.538%
28	11.640	1465	1471	1480	rBV	2342635	4629689	26.84%	3.456%
29	11.793	1493	1497	1500	rBV2	196996	257213	1.49%	0.192%
30	11.893	1510	1514	1518	rBV3	288842	394138	2.29%	0.294%
31	12.034	1531	1538	1548	rBV6	420375	1594387	9.24%	1.190%
32	12.169	1559	1561	1565	rVB2	268637	284826	1.65%	0.213%
33	12.334	1584	1589	1597	rBV6	377806	1092202	6.33%	0.815%
34	12.398	1597	1600	1603	rBV3	307886	420590	2.44%	0.314%
35	12.475	1609	1613	1617	rBV3	314362	608177	3.53%	0.454%
36	12.728	1651	1656	1662	rVB3	839365	1614804	9.36%	1.205%

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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-BP112521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.946	1688	1693	1696	rBV4	611496	1160774	6.73%	0.866%
38	12.998	1697	1702	1706	rVV	3834589	5813127	33.70%	4.339%
39	13.069	1706	1714	1720	rVB	1826998	3481189	20.18%	2.599%
40	13.234	1738	1742	1749	rBV2	1551183	3012487	17.47%	2.249%
41	13.304	1751	1754	1758	rVB3	776550	1016256	5.89%	0.759%
42	13.375	1763	1766	1774	rVV4	799236	1686830	9.78%	1.259%
43	13.445	1775	1778	1784	rVB3	616167	891952	5.17%	0.666%
44	13.781	1832	1835	1837	rBV2	395045	479653	2.78%	0.358%
45	13.875	1845	1851	1855	rBV2	2077354	3236748	18.77%	2.416%
46	13.951	1858	1864	1868	rVB3	4986998	7946043	46.07%	5.932%
47	14.157	1896	1899	1901	rBV2	591329	733976	4.26%	0.548%
48	14.287	1917	1921	1928	rVB2	2020097	3745509	21.72%	2.796%
49	14.363	1929	1934	1938	rBV3	1092839	2062407	11.96%	1.540%
50	14.428	1941	1945	1947	rBV4	1104277	1622336	9.41%	1.211%
51	14.869	2016	2020	2024	rVB2	1488204	2244456	13.01%	1.675%
52	14.987	2036	2040	2048	rVB3	2291400	3367202	19.52%	2.514%
53	15.081	2053	2056	2059	rVV	713302	856817	4.97%	0.640%
54	15.728	2161	2166	2171	rVB	5113599	8329443	48.29%	6.218%
55	15.951	2198	2204	2211	rVB5	1518337	3594474	20.84%	2.683%
56	16.110	2228	2231	2233	rBV2	467244	657462	3.81%	0.491%
57	16.222	2240	2250	2262	rBV	8552855	17248416	100.00%	12.876%
58	16.763	2339	2342	2344	rBV2	647493	828694	4.80%	0.619%
59	17.039	2384	2389	2398	rVB	4722286	8287346	48.05%	6.186%
60	17.216	2416	2419	2426	rBV3	885104	1403984	8.14%	1.048%
61	17.645	2488	2492	2497	rVB	1336979	2011984	11.66%	1.502%
62	18.975	2715	2718	2723	rVB	563396	741260	4.30%	0.553%
63	19.657	2831	2834	2839	rVB	388304	527157	3.06%	0.394%
64	19.780	2850	2855	2859	rVB	4057529	4729084	27.42%	3.530%
65	20.210	2925	2928	2933	rVB2	333617	440909	2.56%	0.329%
66	20.745	3016	3019	3026	rVB2	140927	181430	1.05%	0.135%
67	21.022	3063	3066	3074	rVB2	228000	336075	1.95%	0.251%
68	21.110	3078	3081	3085	rVB	267301	310450	1.80%	0.232%
69	21.310	3110	3115	3126	rVB	1060068	1432080	8.30%	1.069%
70	21.545	3151	3155	3156	rBV	248045	321445	1.86%	0.240%
71	21.610	3162	3166	3172	rVB	562138	826940	4.79%	0.617%
72	21.674	3172	3177	3178	rBV	522814	732257	4.25%	0.547%
73	21.745	3185	3189	3196	rVB2	260380	483747	2.80%	0.361%
74	21.810	3196	3200	3210	rVB	463254	835475	4.84%	0.624%
75	21.904	3211	3216	3225	rBV	836506	1880733	10.90%	1.404%
76	22.169	3255	3261	3273	rBV	1896505	4705184	27.28%	3.512%

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ClientSampleId :
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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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.304	3281	3284	3288	rVB	213548	250132	1.45%	0.187%
78	23.704	3517	3522	3534	rVB2	632652	1301629	7.55%	0.972%

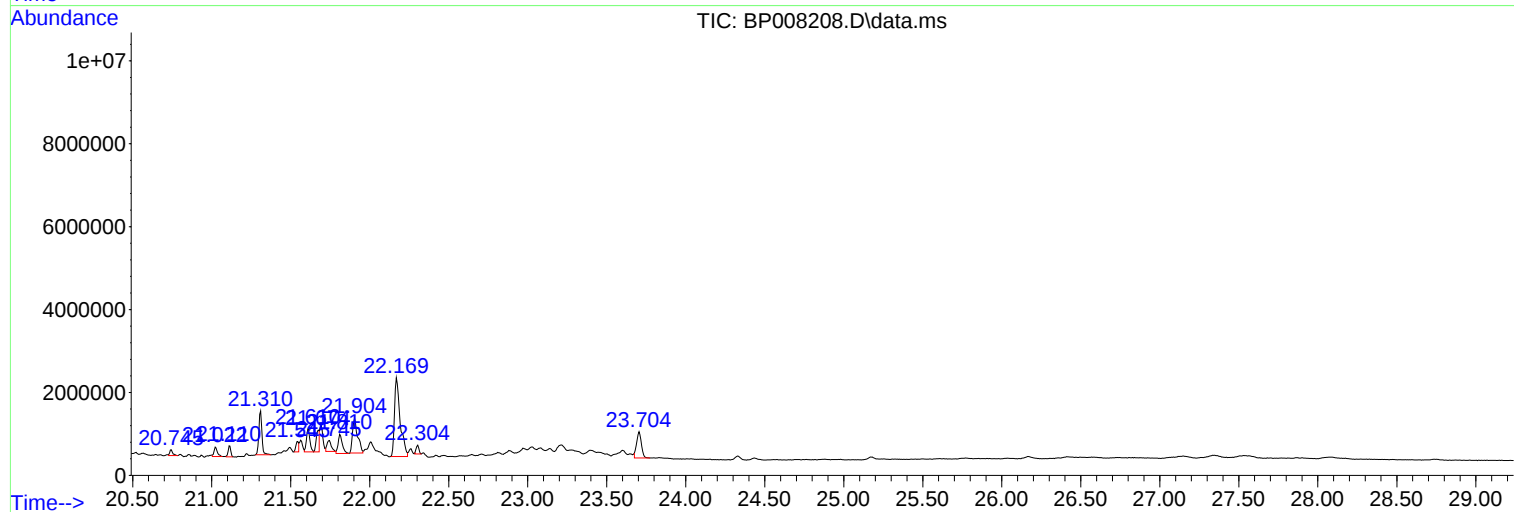
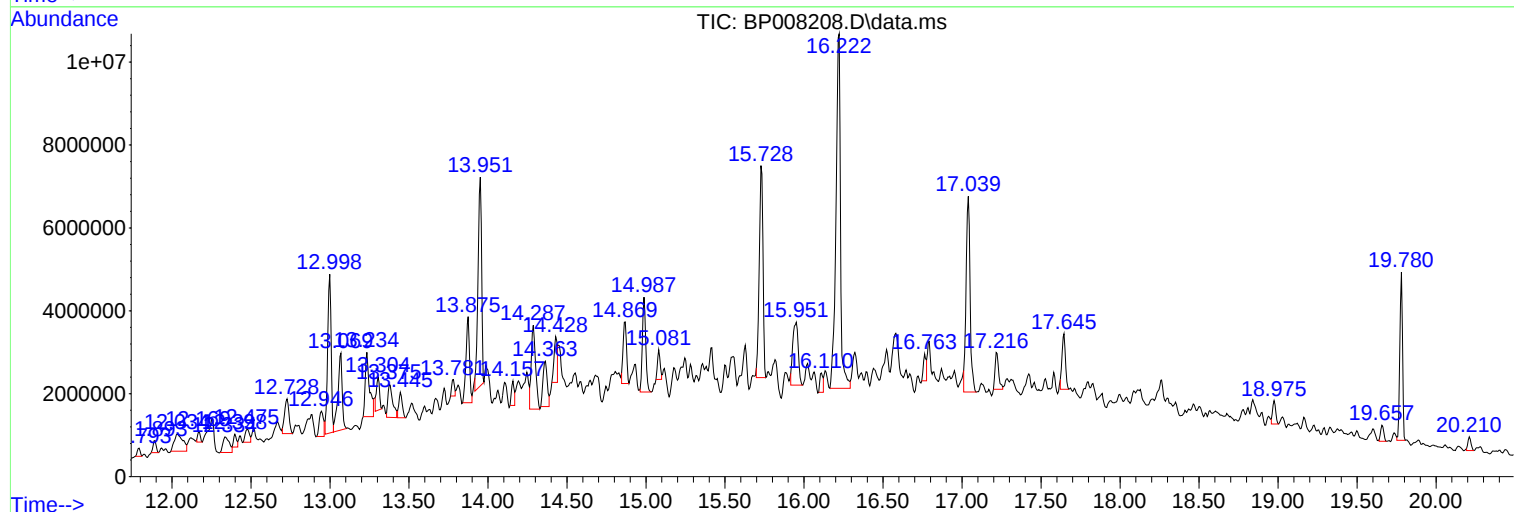
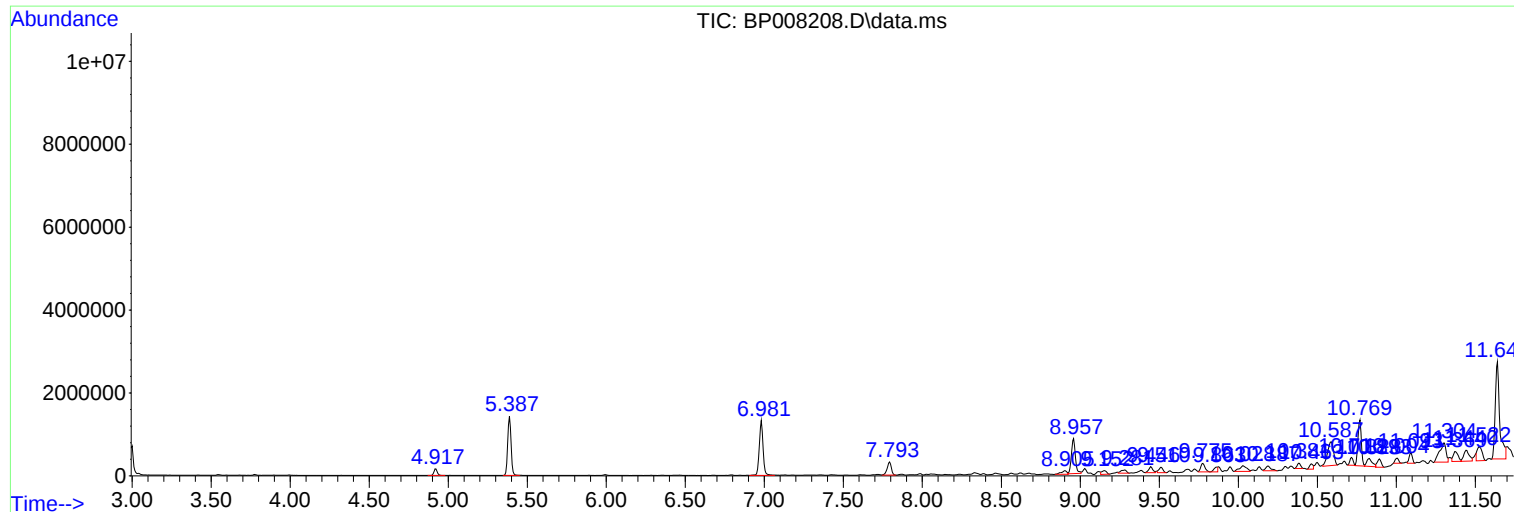
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP008208.D
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Operator : CG/JU
Sample : M4798-06
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

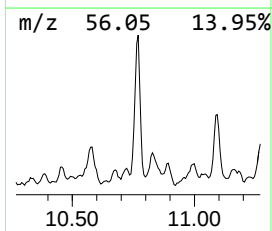
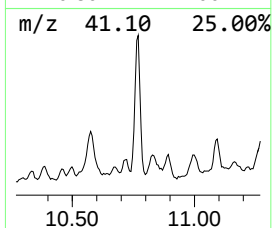
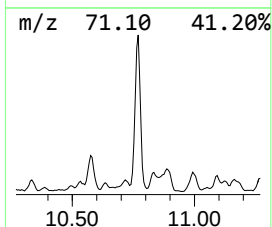
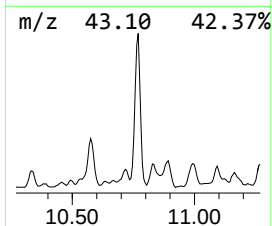
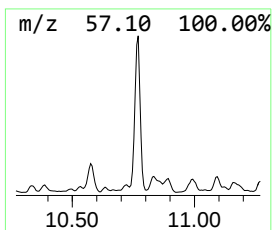
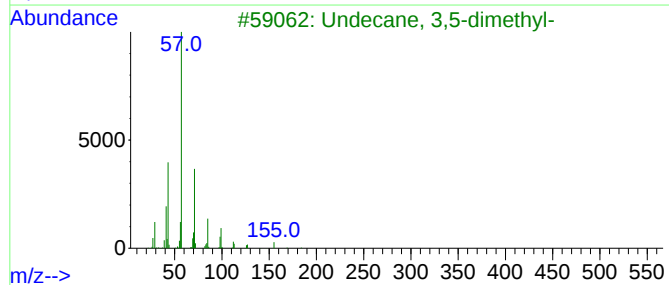
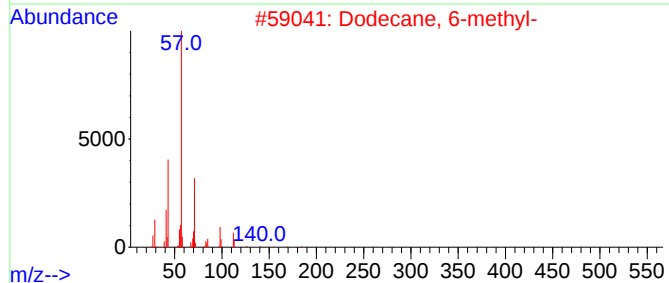
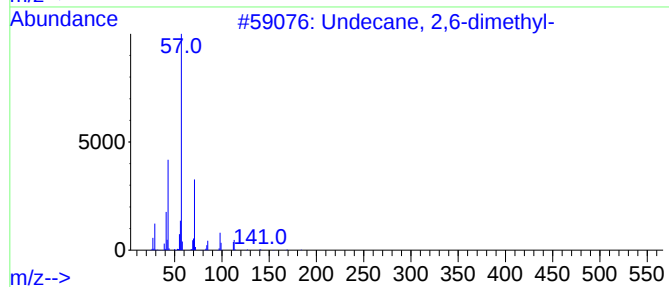
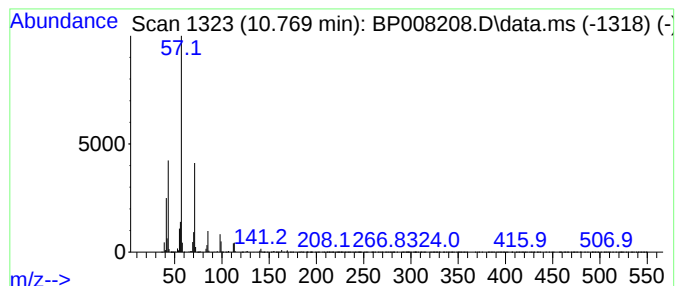
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	21.51 ng	1641150	Naphthalene-d8	10.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



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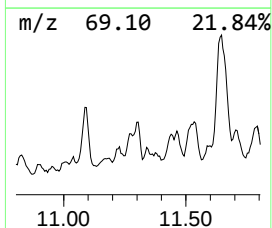
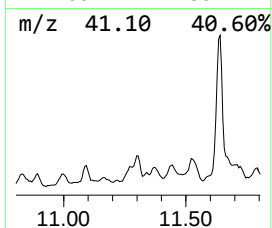
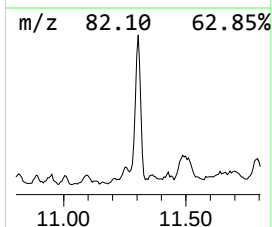
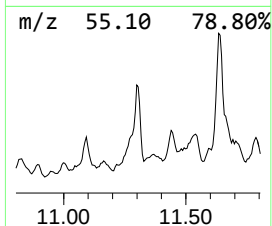
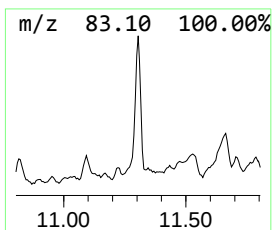
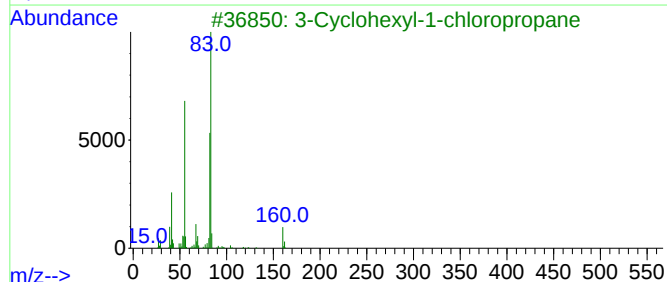
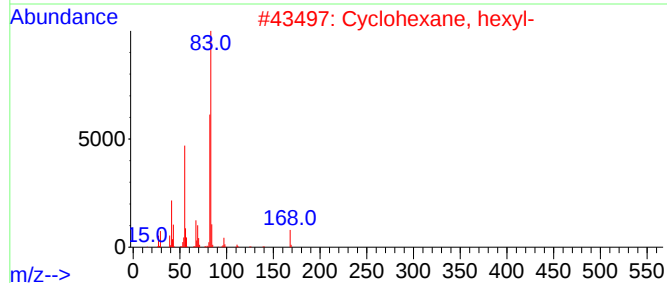
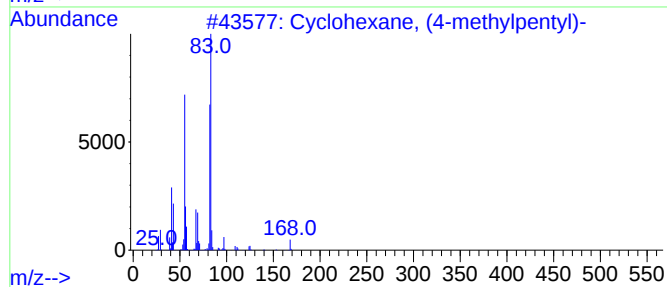
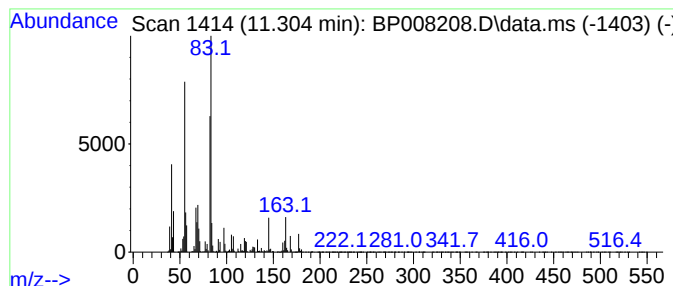
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, (4-methylpentyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	17.29 ng	1319300	Naphthalene-d8	10.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
3			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	64



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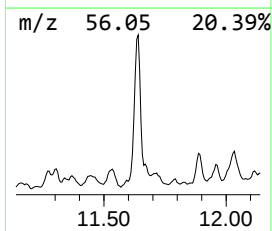
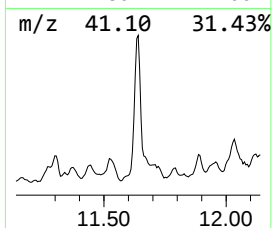
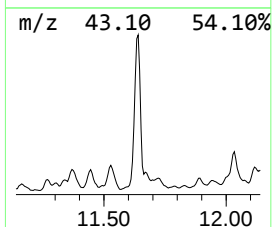
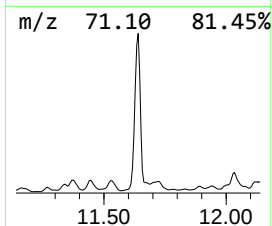
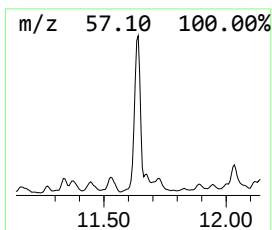
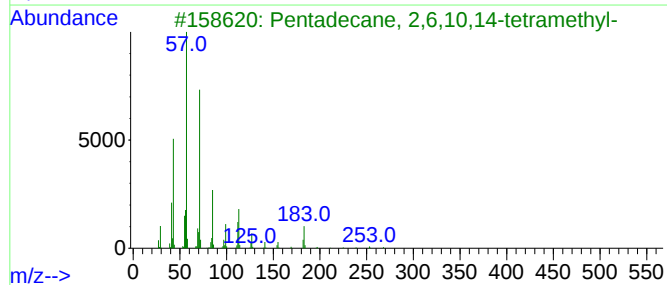
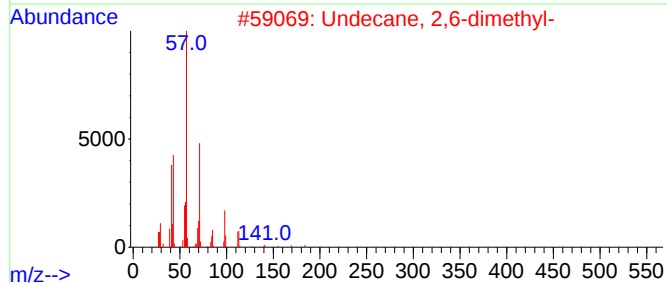
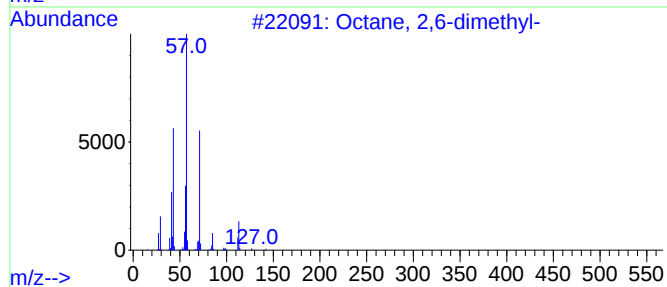
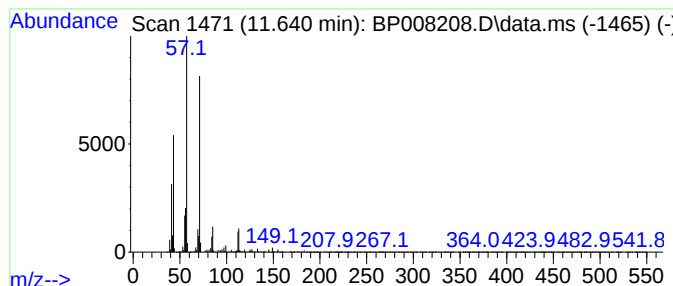
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	60.69 ng	4629690	Naphthalene-d8	10.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72



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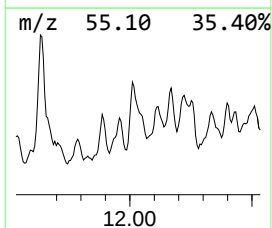
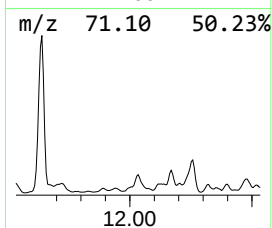
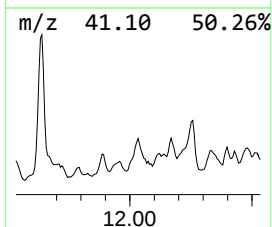
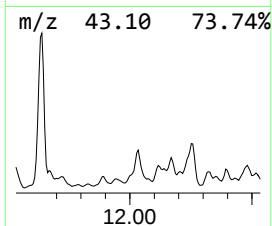
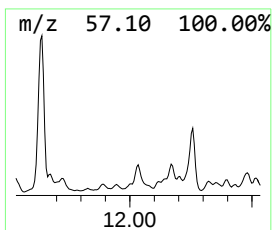
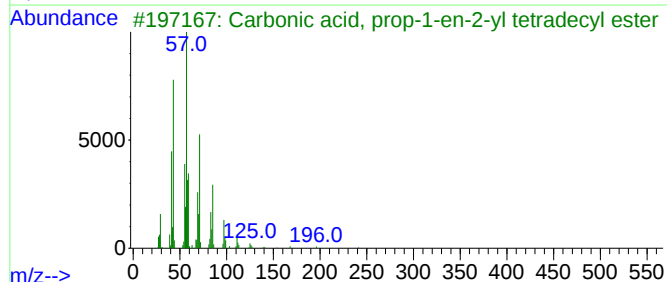
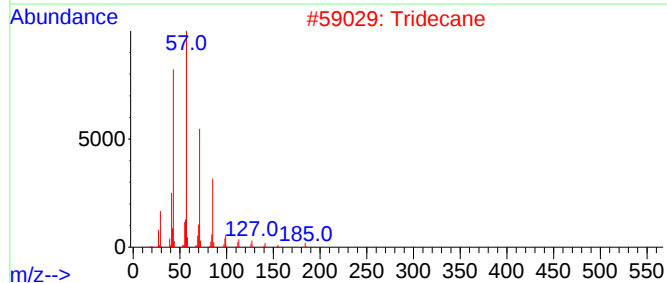
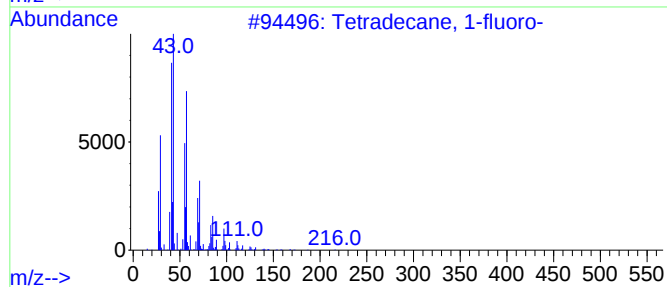
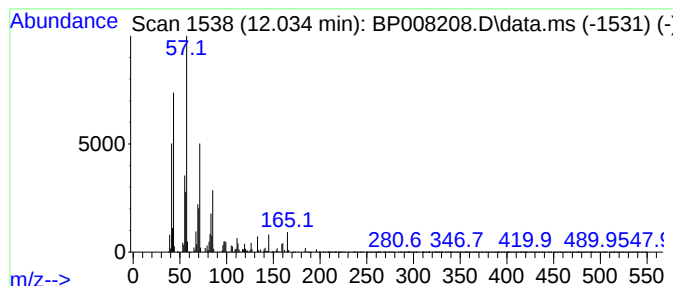
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane, 1-fluoro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.034	20.90 ng	1594390	Naphthalene-d8	10.593

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	72
2			Tridecane	184	C13H28	000629-50-5	64
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
4			Dodecane	170	C12H26	000112-40-3	50
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

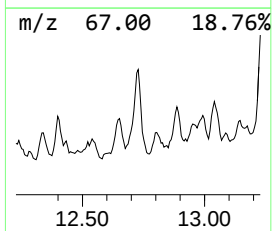
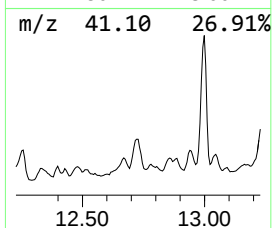
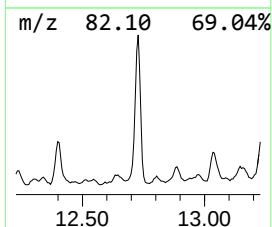
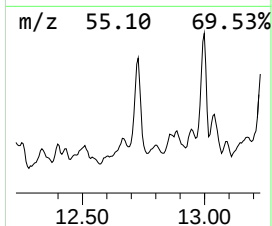
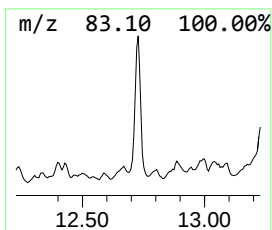
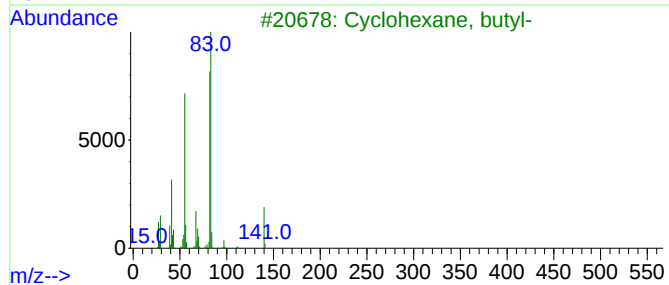
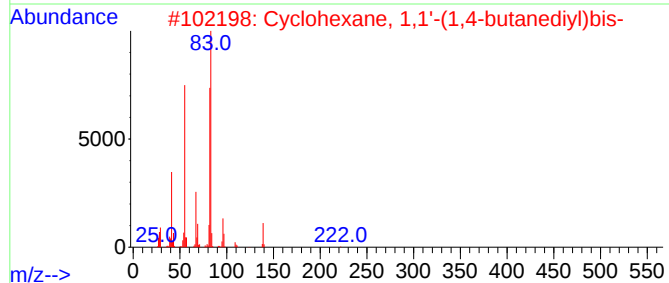
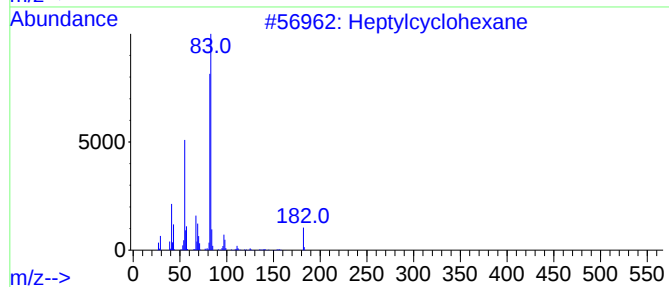
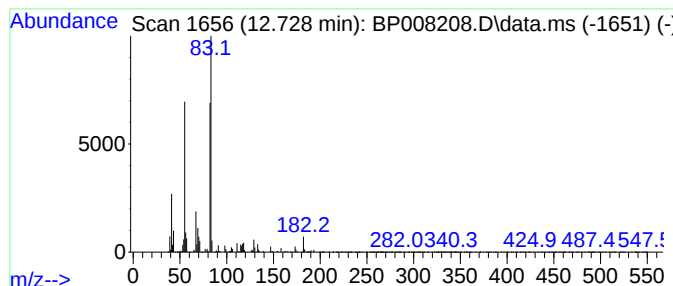
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	19.91 ng	1614800	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	72
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	64
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

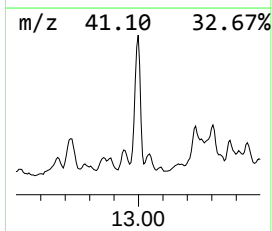
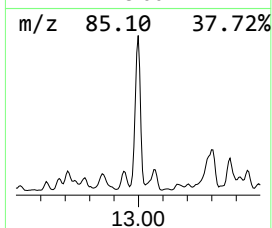
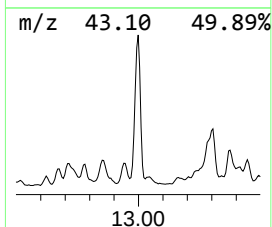
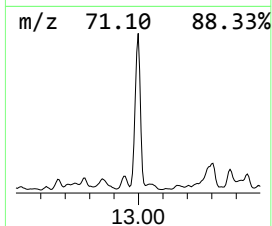
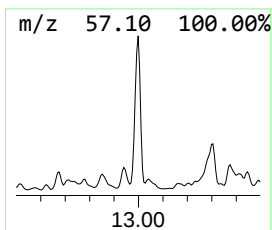
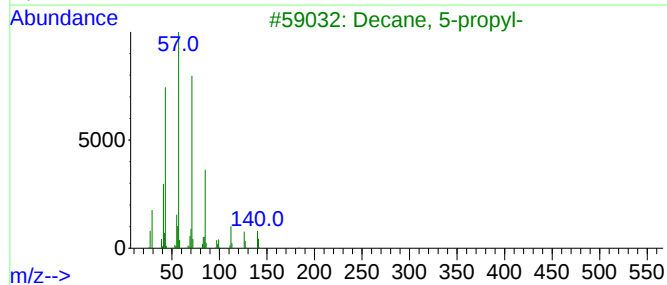
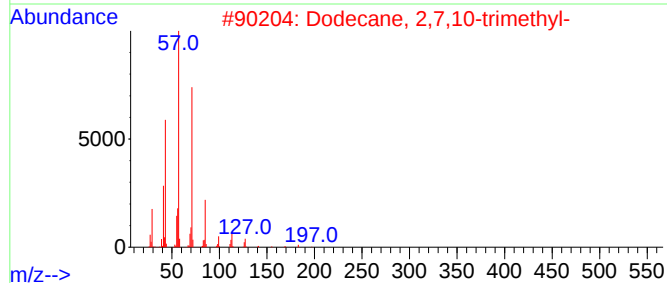
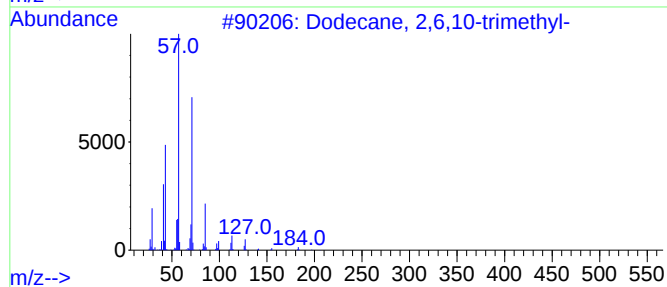
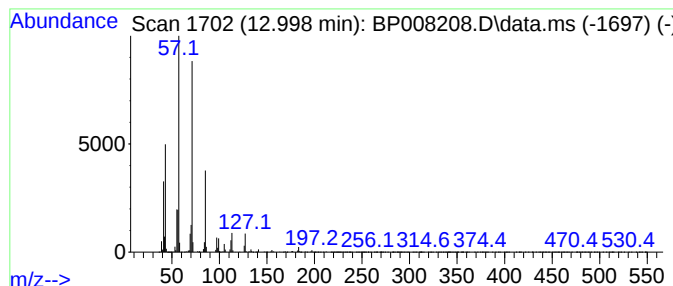
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.999	71.66 ng	5813130	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3			Decane, 5-propyl-	184	C13H28	017312-62-8	83
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

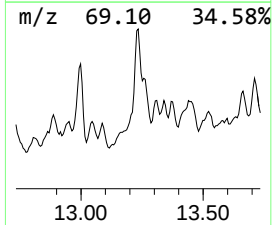
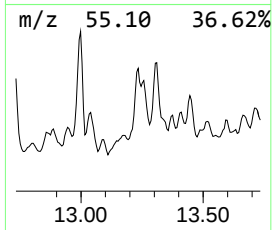
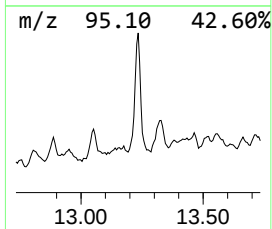
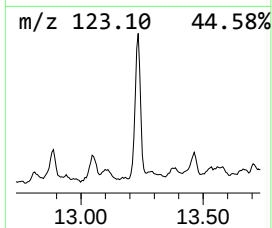
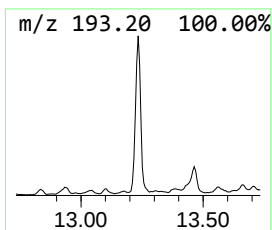
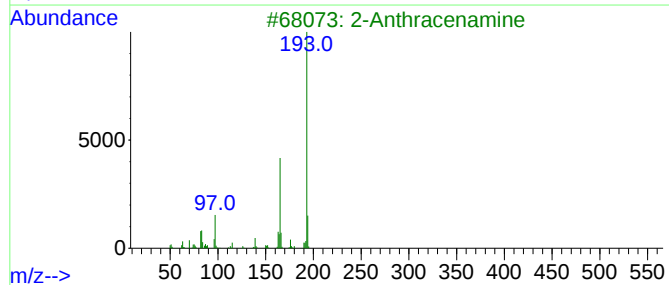
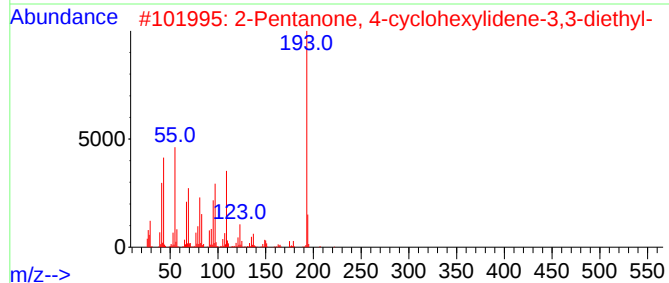
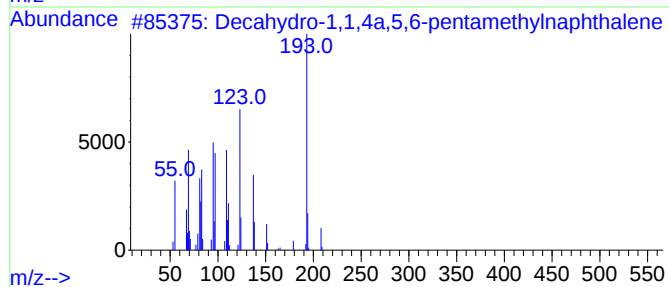
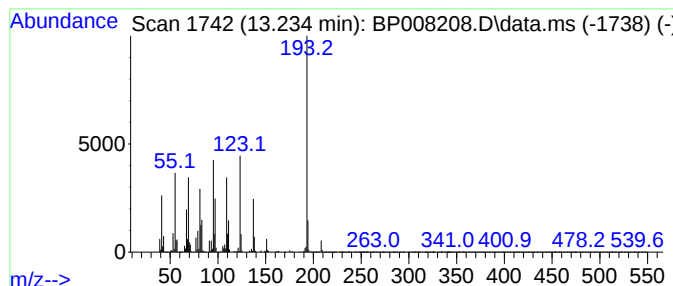
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ClientSampleId :
SB-3-4.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.234	37.14 ng	3012490	Acenaphthene-d10		14.451	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	93
2	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	40
3	2-Anthracenamine		193	C14H11N	000613-13-8	27
4	3-((2R,5S)-7-(Cyclohexylsulfonyl...		340	C17H28N2O3S	1000483-82-6	14
5	1H-Pyrazole, 3-amino-5-(4-chloro...		193	C9H8ClN3	1010337-24-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

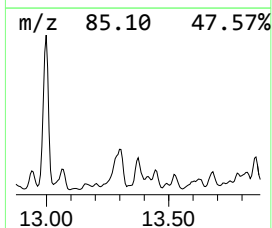
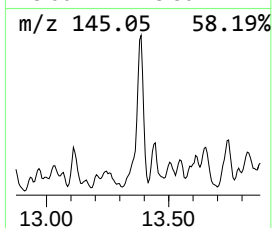
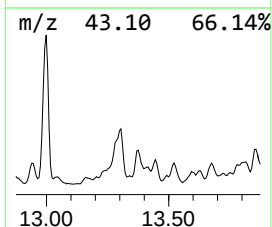
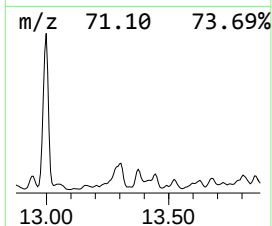
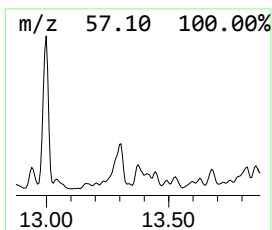
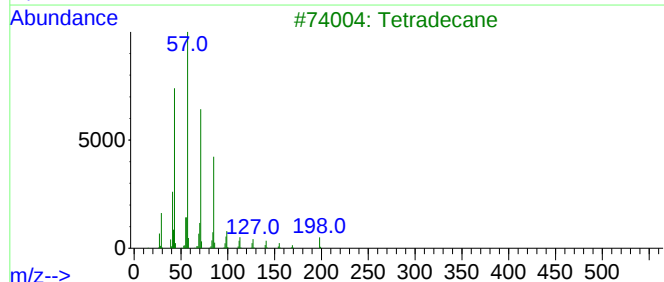
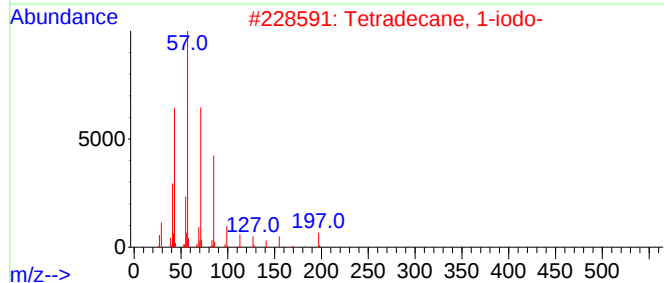
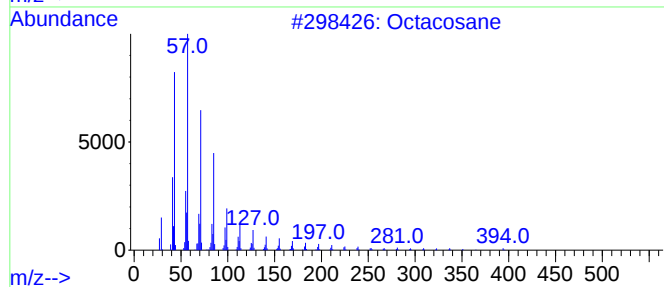
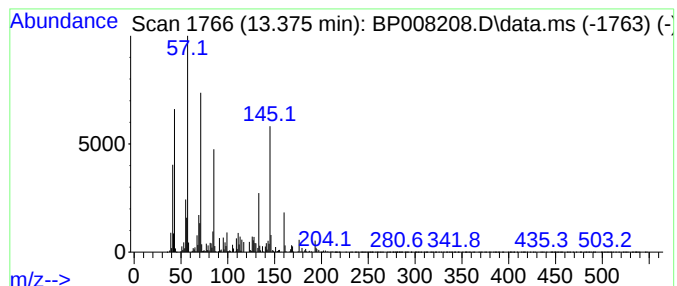
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.375	20.80 ng	1686830	Acenaphthene-d10	14.451	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	53
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
3	Tetradecane	198	C14H30	000629-59-4	52
4	Tritetracontane	605	C43H88	007098-21-7	52
5	Eicosane	282	C20H42	000112-95-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

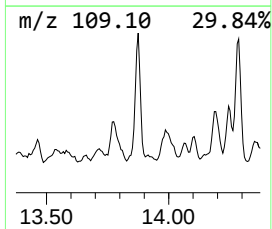
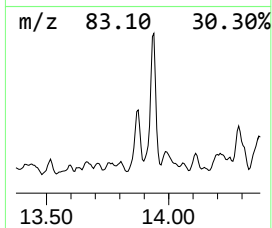
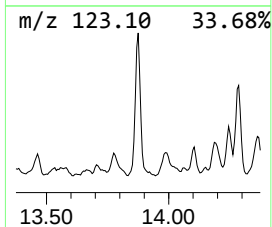
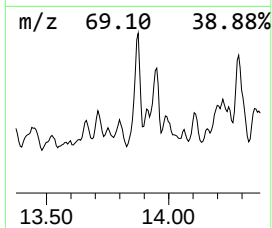
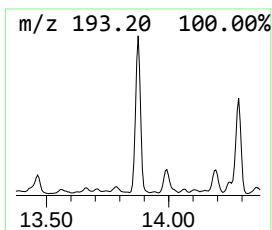
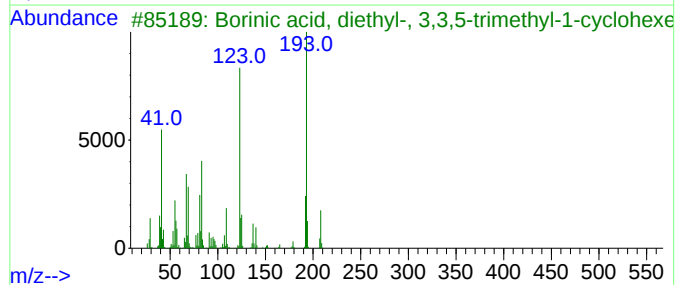
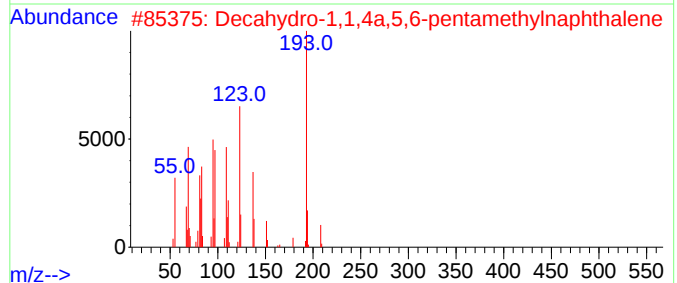
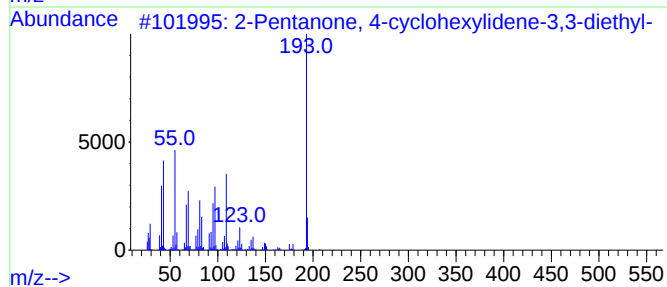
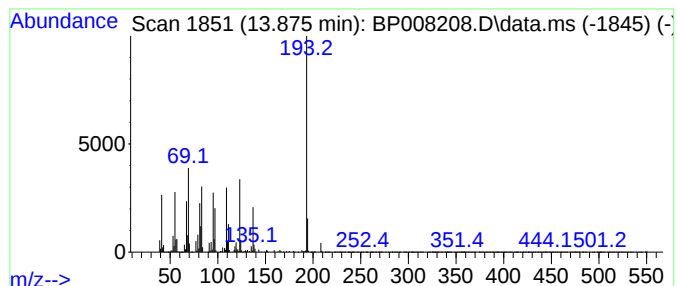
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.875 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	39.90 ng	3236750	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
2			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
3			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37
4			Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	27
5			Iminostilbene	193	C14H11N	000256-96-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3-4.5

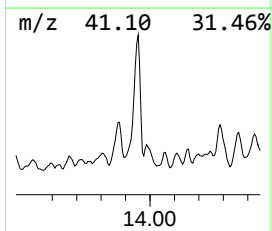
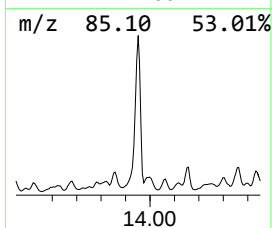
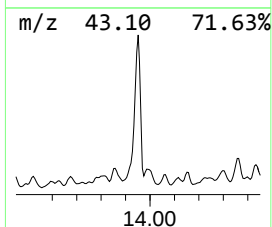
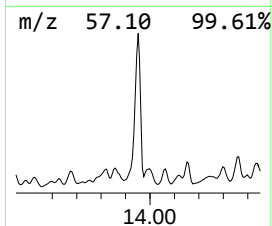
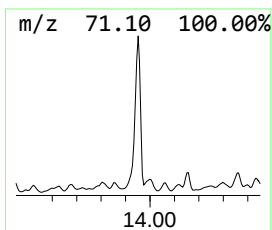
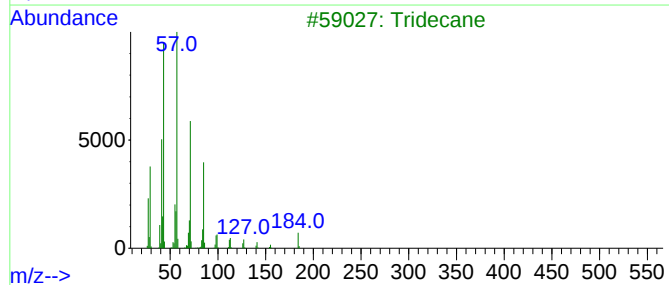
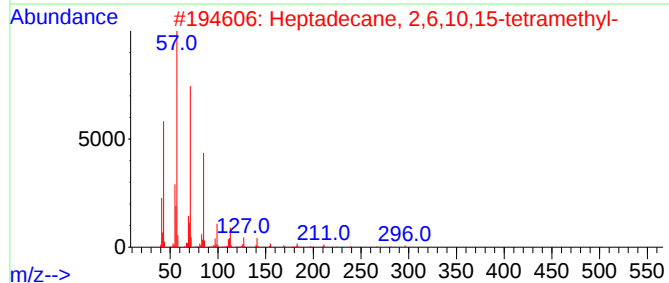
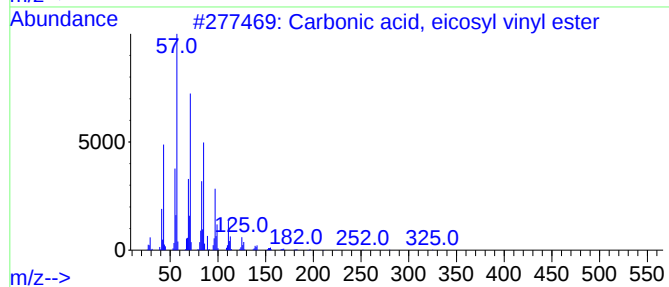
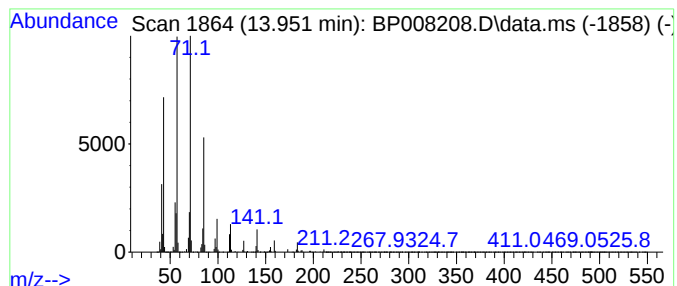
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	97.96 ng	7946040	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	83



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Operator : CG/JU
Sample : M4798-06
Misc :
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Instrument :
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ClientSampleId :
SB-3-4.5

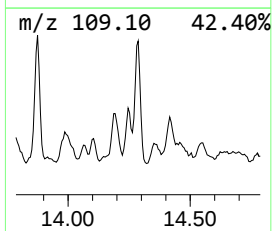
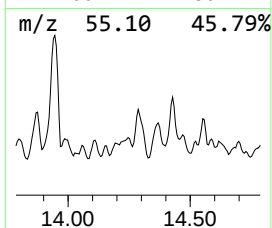
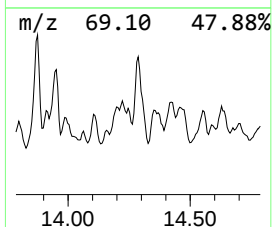
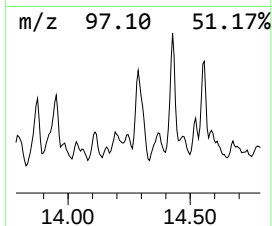
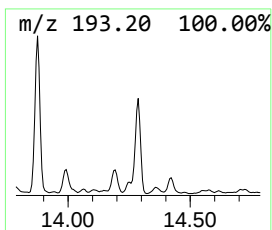
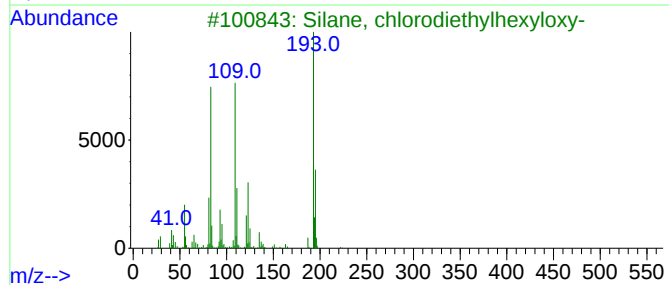
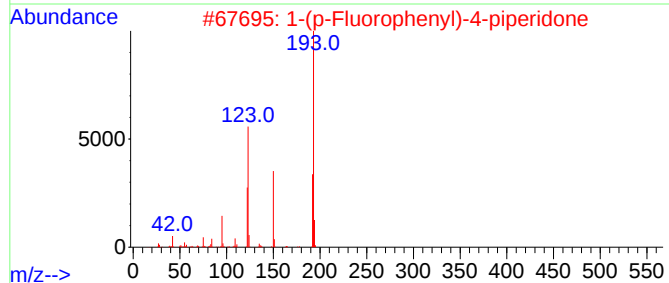
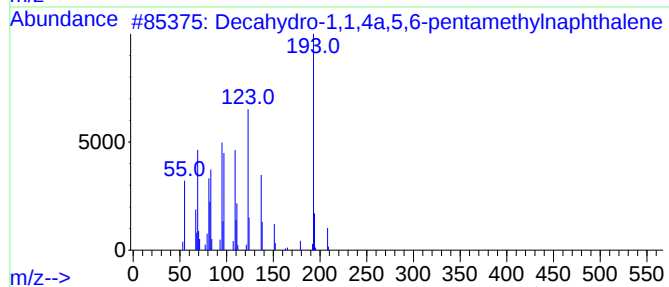
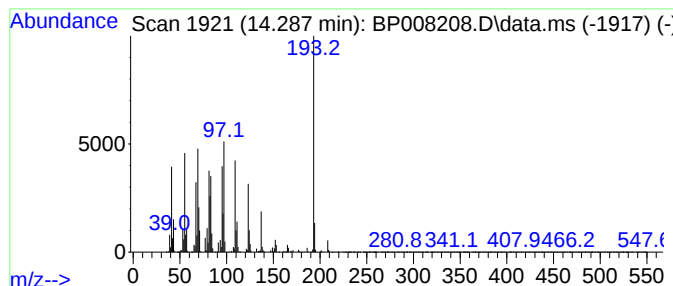
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.287 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	46.17 ng	3745510	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	47
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3			Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	37
4			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
5			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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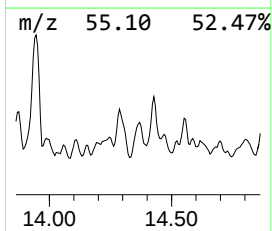
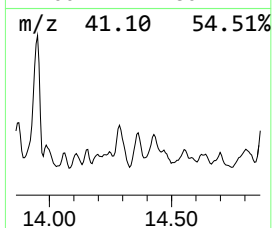
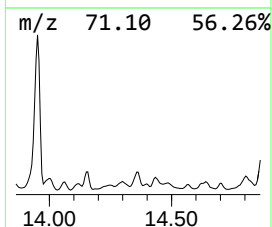
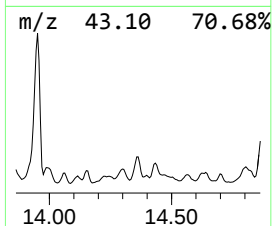
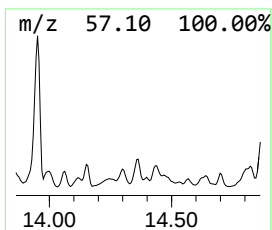
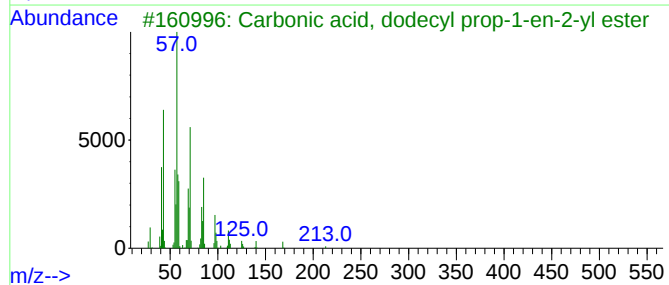
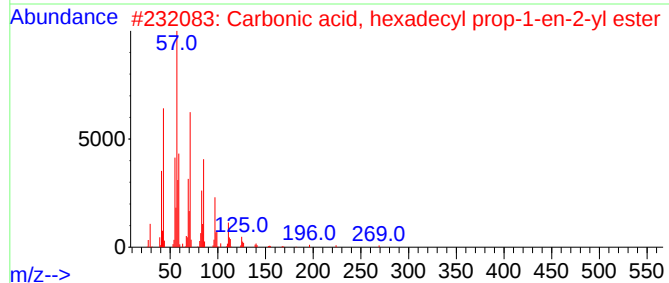
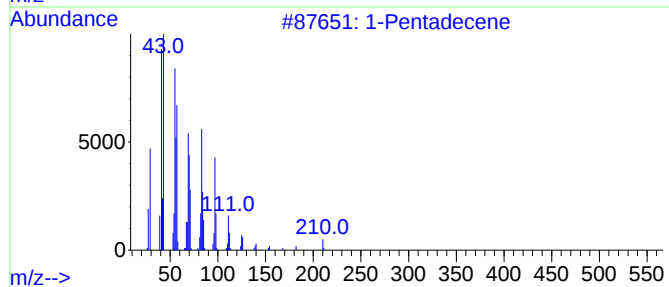
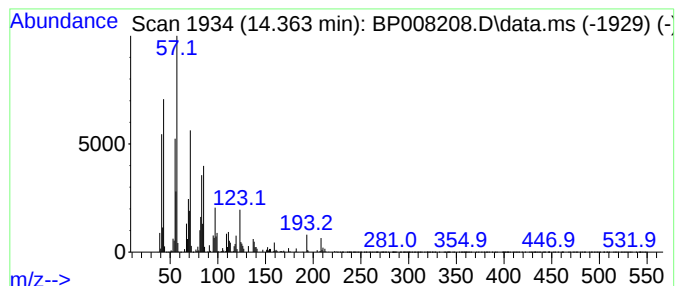
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Pentadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	25.43 ng	2062410	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecene	210	C15H30	013360-61-7	83
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	83
3			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	80
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	74
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

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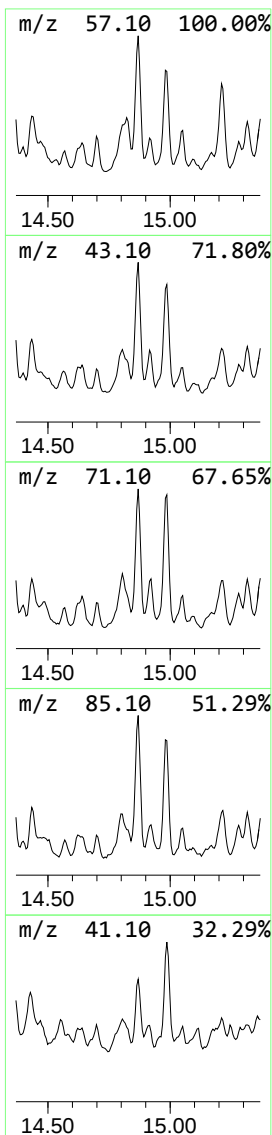
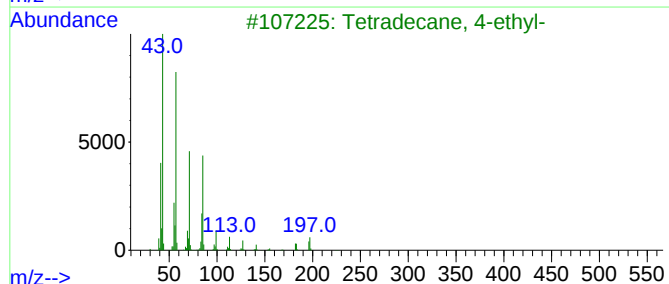
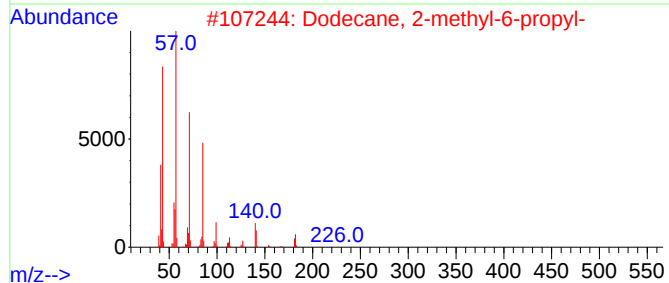
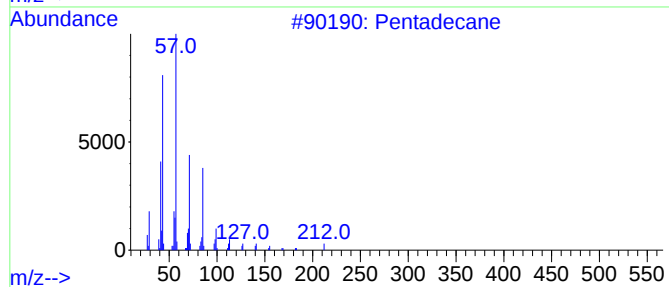
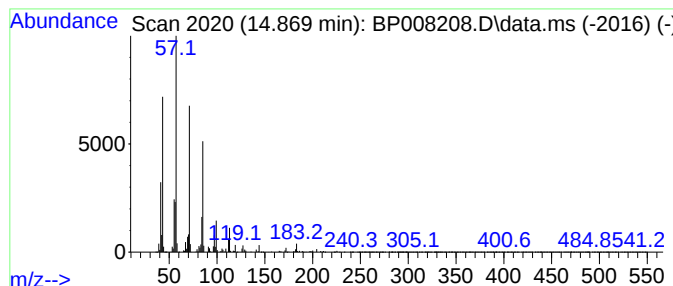
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.869	27.67 ng	2244460	Acenaphthene-d10	14.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	86
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	72
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Operator : CG/JU
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Misc :
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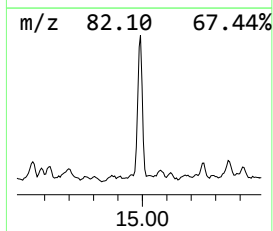
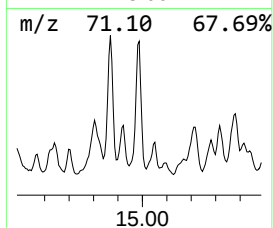
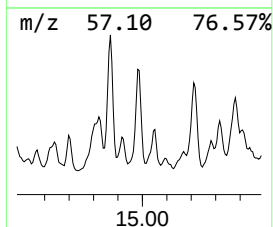
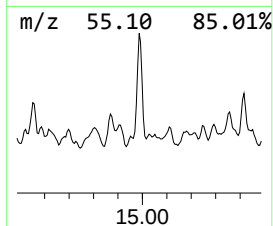
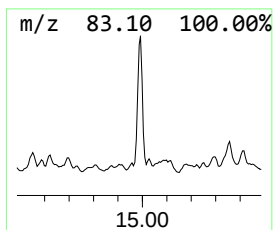
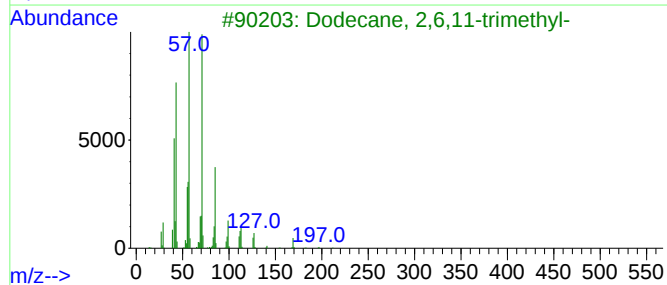
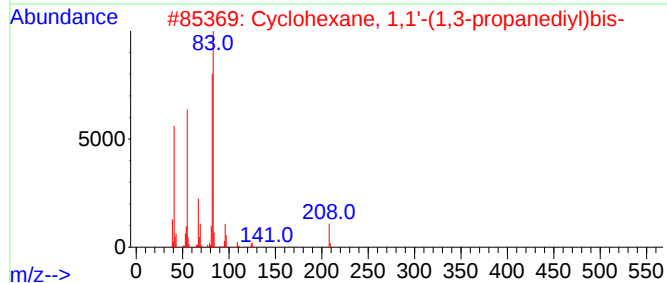
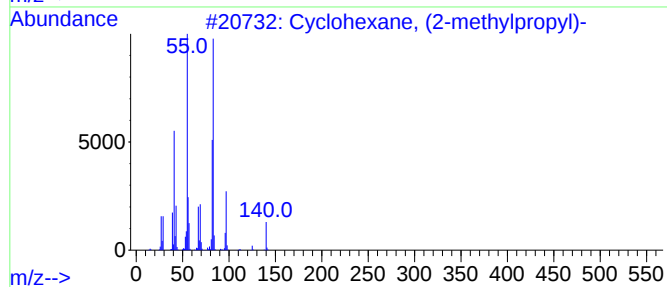
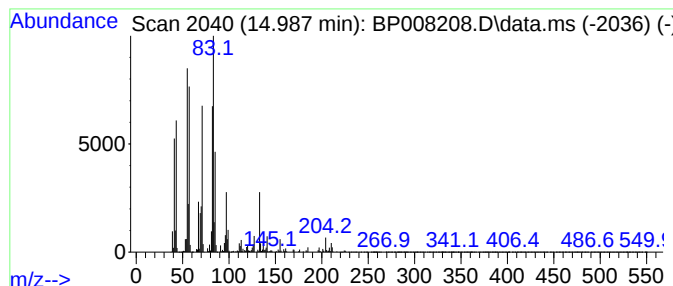
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.987	41.51 ng	3367200	Acenaphthene-d10		14.451	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	50
2	Cyclohexane, 1,1'-(1,3-propanedi...		208	C15H28	003178-24-3	46
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	44
4	Cyclopentane, 1-methyl-3-(1-meth...		126	C9H18	053771-88-3	43
5	Nonadecane		268	C19H40	000629-92-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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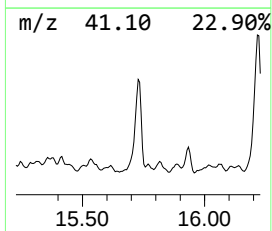
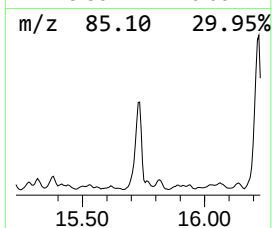
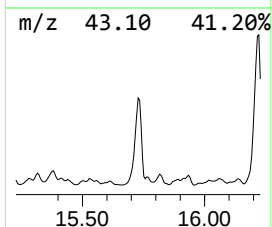
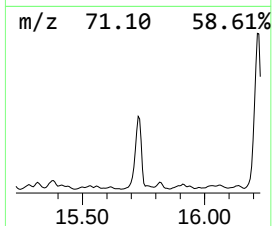
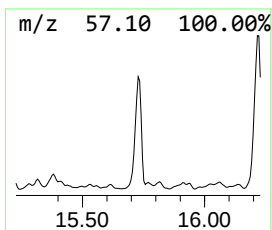
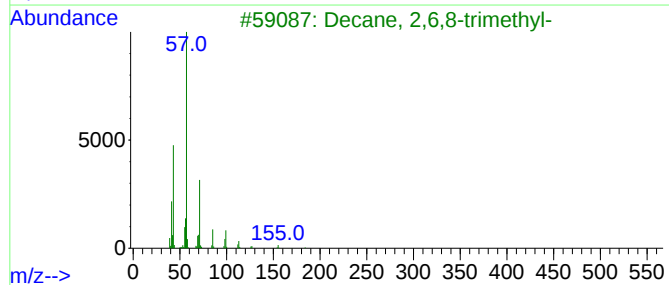
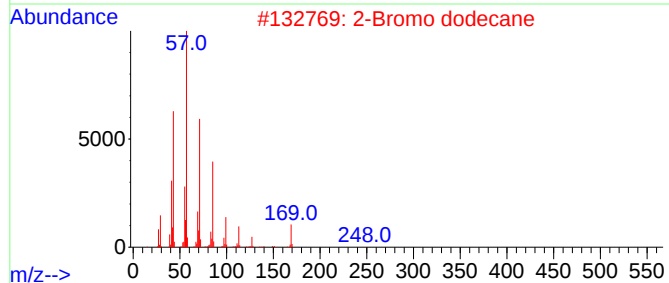
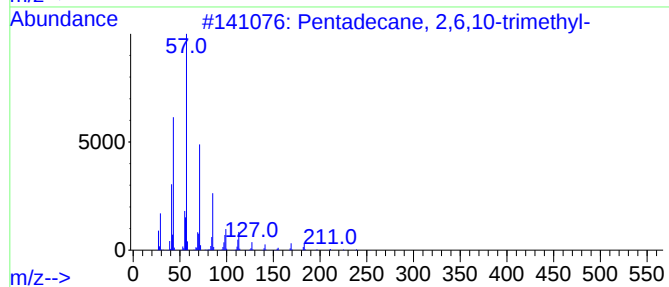
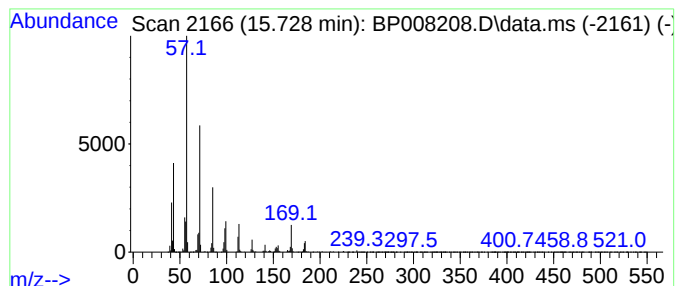
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.728	102.69 ng	8329440	Acenaphthene-d10	14.451	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Heptacosane	380	C27H56	000593-49-7	64
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Instrument :
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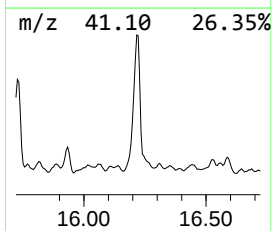
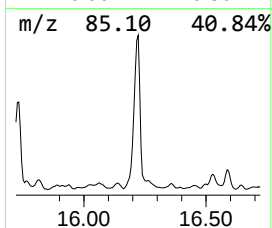
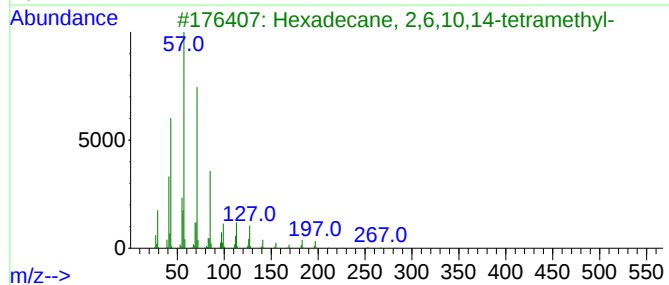
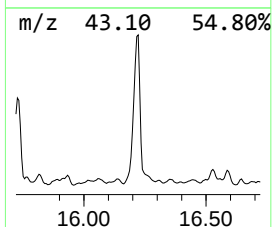
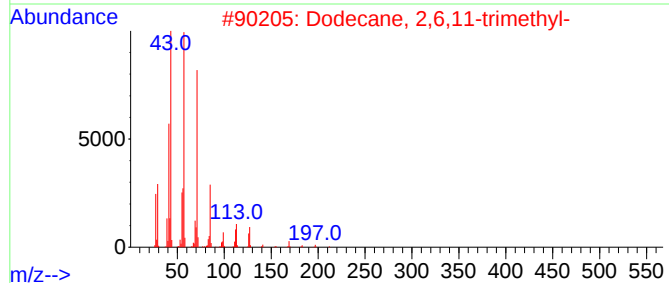
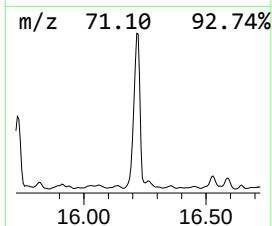
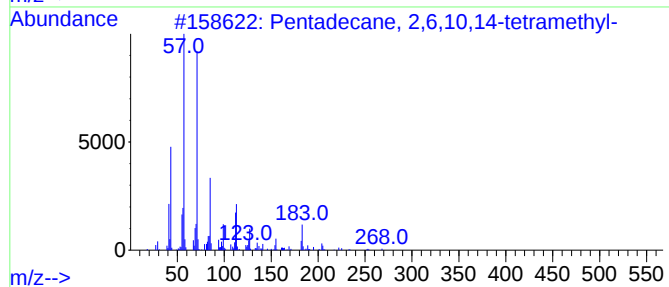
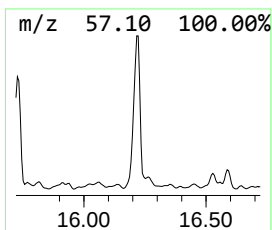
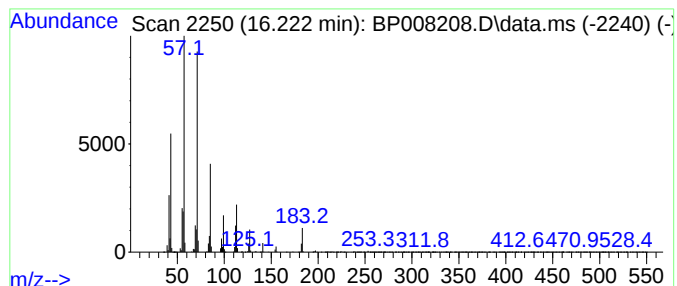
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	245.71 ng	17248400	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Acq On : 03 Dec 2021 16:53
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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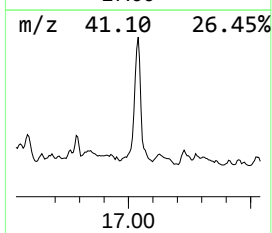
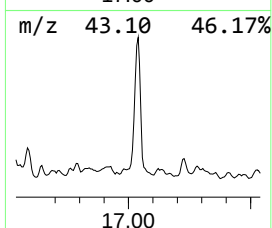
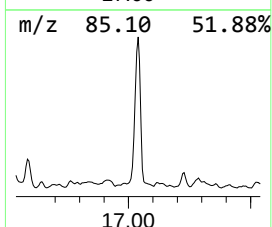
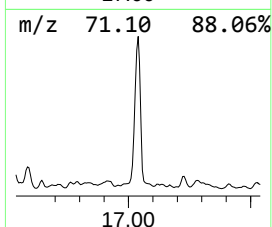
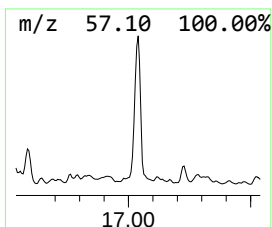
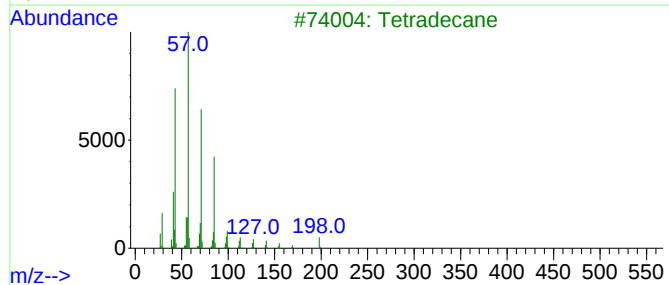
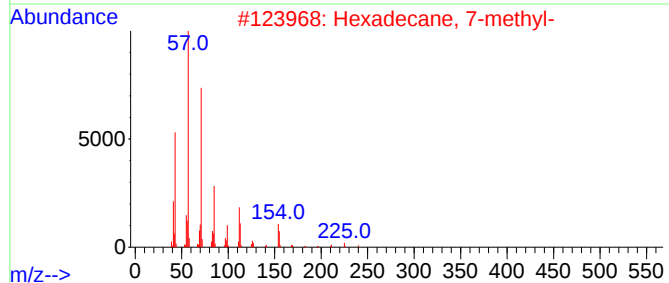
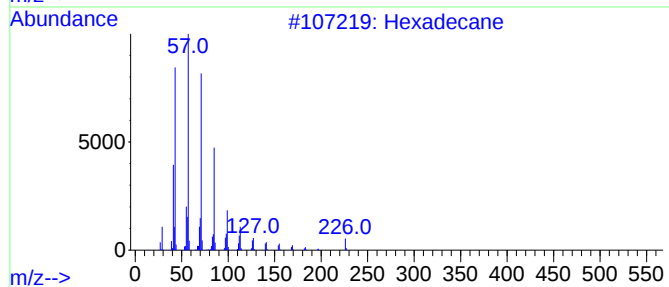
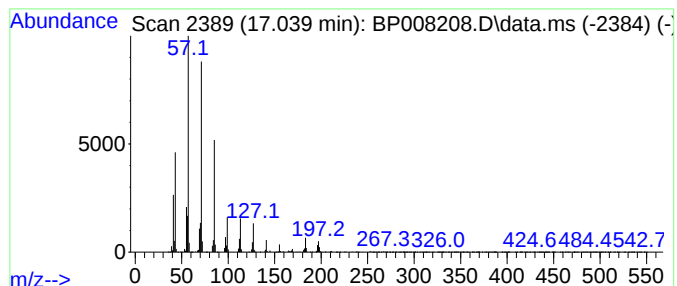
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	118.06 ng	8287350	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	87
2		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
3		Tetradecane	198	C14H30	000629-59-4	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

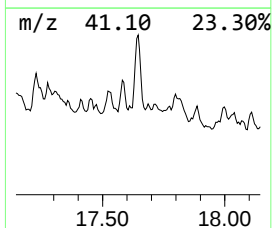
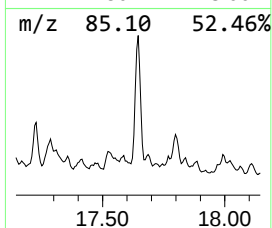
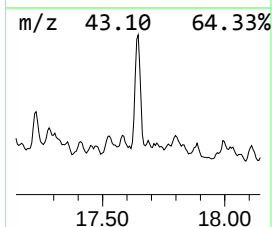
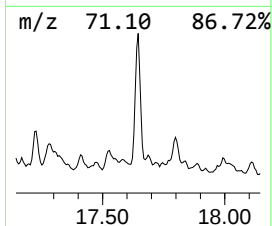
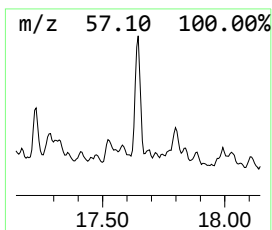
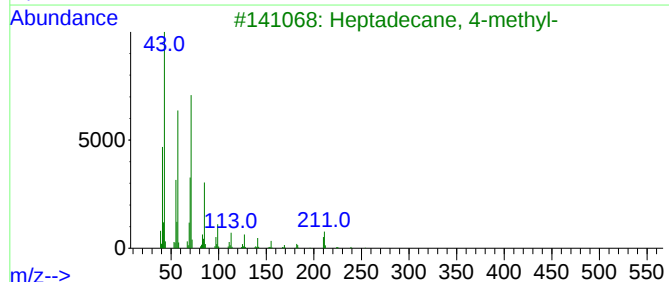
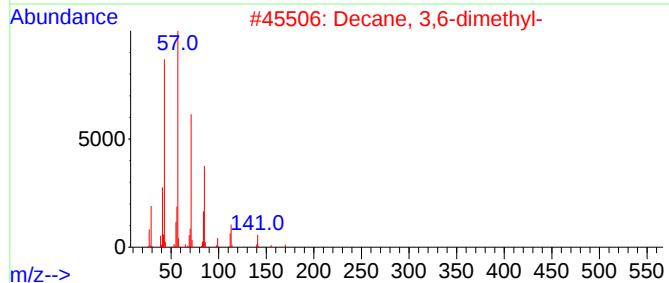
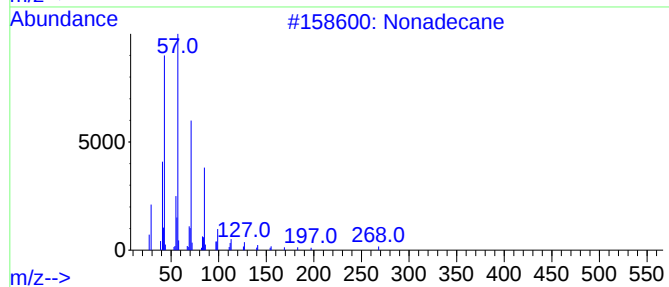
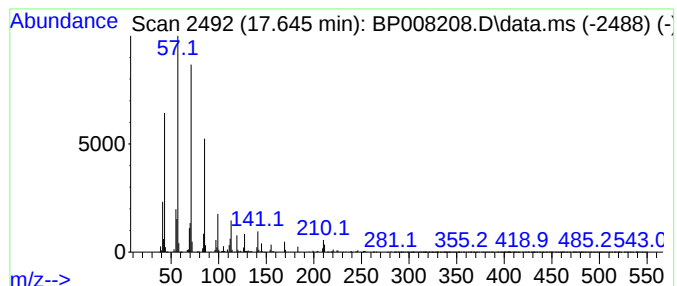
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ClientSampleId :
SB-3-4.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.645	28.66 ng	2011980	Phenanthrene-d10		17.216	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	90
3	Heptadecane, 4-methyl-		254	C18H38	026429-11-8	90
4	Docosane		310	C22H46	000629-97-0	90
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

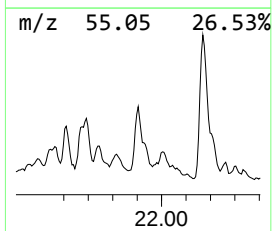
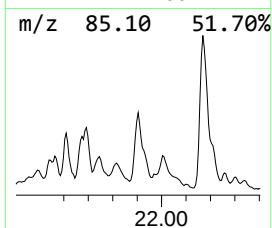
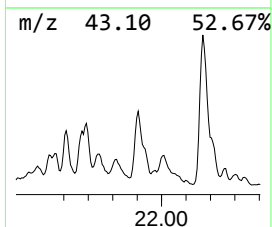
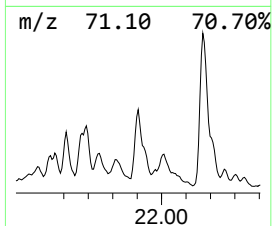
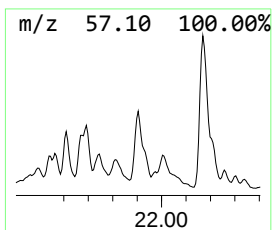
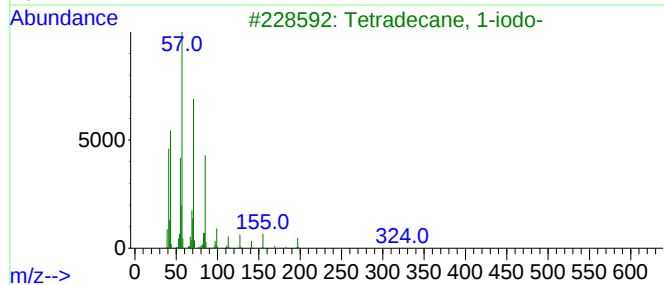
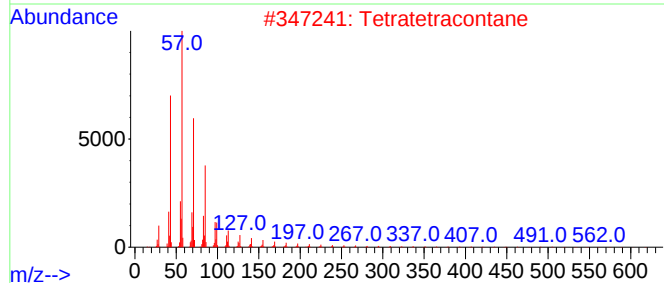
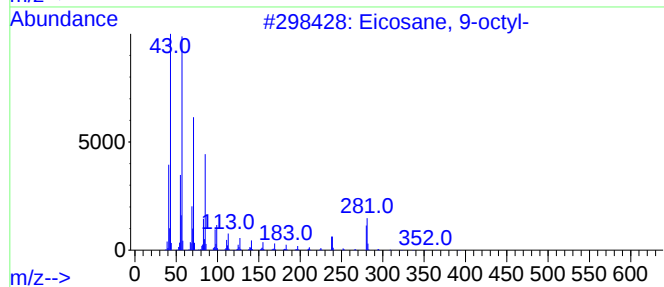
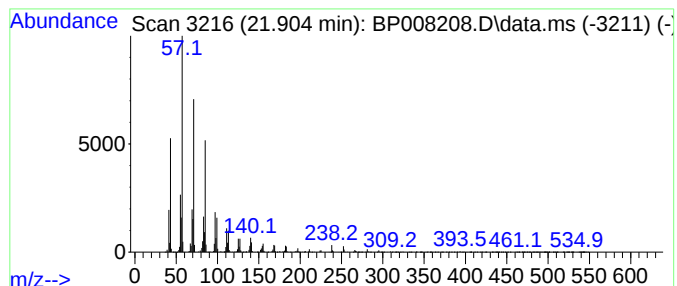
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.904	26.27 ng	1880730	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008208.D
Acq On : 03 Dec 2021 16:53
Operator : CG/JU
Sample : M4798-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

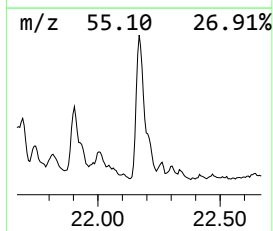
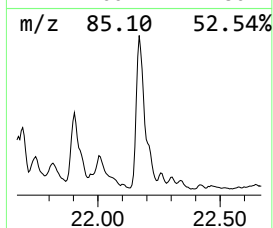
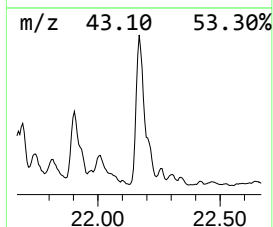
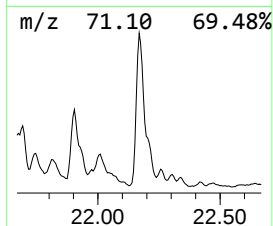
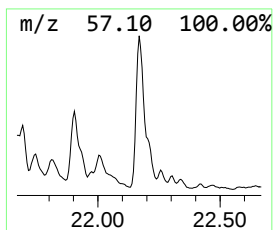
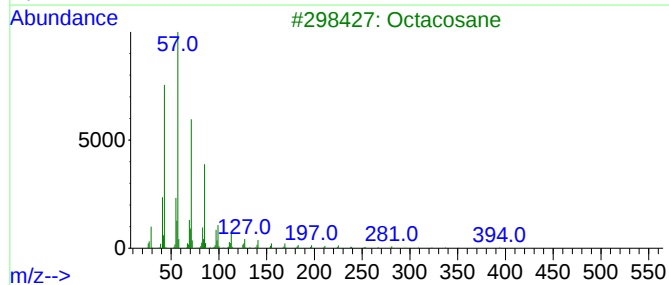
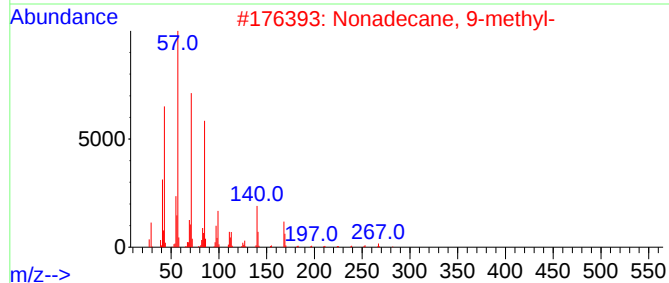
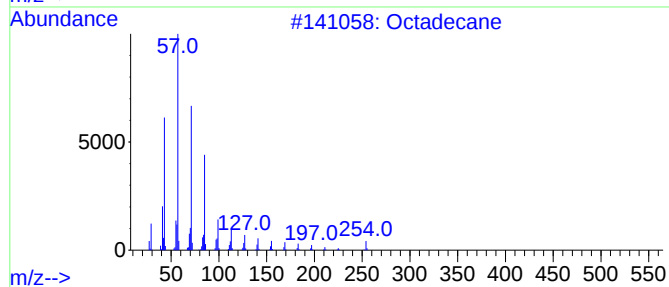
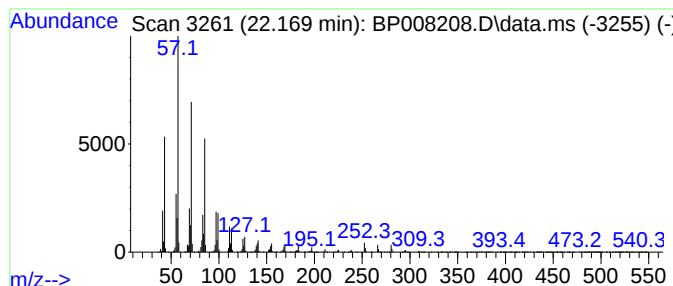
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.169	65.71 ng	4705180	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008208.D
 Acq On : 03 Dec 2021 16:53
 Operator : CG/JU
 Sample : M4798-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-4.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclohexane, (4...	11.304	17.3	ng	1319300	2	10.593	1525760	20.0
Octane, 2,6-dim...	11.640	60.7	ng	4629690	2	10.593	1525760	20.0
Tetradecane, 1-...	12.034	20.9	ng	1594390	2	10.593	1525760	20.0
Heptylcyclohexane	12.728	19.9	ng	1614800	3	14.451	1622340	20.0
Dodecane, 2,6,1...	12.999	71.7	ng	5813130	3	14.451	1622340	20.0
Decahydro-1,1,4...	13.234	37.1	ng	3012490	3	14.451	1622340	20.0
Octacosane	13.375	20.8	ng	1686830	3	14.451	1622340	20.0
unknown13.875	13.875	39.9	ng	3236750	3	14.451	1622340	20.0
Carbonic acid, ...	13.951	98.0	ng	7946040	3	14.451	1622340	20.0
unknown14.287	14.287	46.2	ng	3745510	3	14.451	1622340	20.0
1-Pentadecene	14.363	25.4	ng	2062410	3	14.451	1622340	20.0
Pentadecane	14.869	27.7	ng	2244460	3	14.451	1622340	20.0
Cyclohexane, (2...	14.987	41.5	ng	3367200	3	14.451	1622340	20.0
Pentadecane, 2,...	15.728	102.7	ng	8329440	3	14.451	1622340	20.0
Pentadecane, 2,...	16.222	245.7	ng	17248400	4	17.216	1403980	20.0
Hexadecane	17.039	118.1	ng	8287350	4	17.216	1403980	20.0
Nonadecane	17.645	28.7	ng	2011980	4	17.216	1403980	20.0
Eicosane, 9-octyl-	21.904	26.3	ng	1880730	5	21.310	1432080	20.0
Octadecane	22.169	65.7	ng	4705180	5	21.310	1432080	20.0