

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117878.D
 Acq On : 20 Nov 2019 3:00
 Operator : JU
 Sample : K5908-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8D-(12-18)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.198	14	19	29	rVB	902998	1173447	26.78%	2.591%
2	5.128	513	517	524	rVB	635860	758669	17.32%	1.675%
3	5.316	546	549	555	rBV	109934	135700	3.10%	0.300%
4	5.528	580	585	588	rBV	3785608	3796427	86.65%	8.384%
5	6.539	751	757	764	rBV	3875633	4139132	94.47%	9.141%
6	6.686	777	782	785	rBV	4090490	4122791	94.10%	9.105%
7	6.916	817	821	828	rVB	1413117	1105209	25.23%	2.441%
8	7.075	844	848	851	rBV	3905579	3247498	74.12%	7.172%
9	7.475	907	916	919	rBV	2535912	2481401	56.64%	5.480%
10	8.204	1036	1040	1043	rBV	1514319	1280157	29.22%	2.827%
11	8.916	1158	1161	1164	rBV	64972	51676	1.18%	0.114%
12	9.016	1175	1178	1182	rBV	70409	55371	1.26%	0.122%
13	9.280	1218	1223	1226	rBV	5027030	4381382	100.00%	9.676%
14	9.392	1238	1242	1246	rVB2	163295	163754	3.74%	0.362%
15	9.622	1274	1281	1283	rBV	59404	69367	1.58%	0.153%
16	9.674	1287	1290	1294	rVB	656605	539601	12.32%	1.192%
17	9.963	1329	1339	1343	rBV	1630205	1423339	32.49%	3.143%
18	10.169	1370	1374	1377	rBV2	48148	55195	1.26%	0.122%
19	10.374	1405	1409	1411	rBV3	50467	60203	1.37%	0.133%
20	10.551	1435	1439	1445	rBV3	39758	69356	1.58%	0.153%
21	10.757	1469	1474	1477	rBV	2612648	2409558	55.00%	5.321%
22	10.880	1490	1495	1498	rVB	73743	94651	2.16%	0.209%
23	11.110	1529	1534	1539	rVB6	40384	56543	1.29%	0.125%
24	11.316	1563	1569	1573	rBV3	41283	69900	1.60%	0.154%
25	11.457	1589	1593	1595	rBV	1521619	1230985	28.10%	2.718%
26	11.480	1595	1597	1600	rVV	241465	186355	4.25%	0.412%
27	11.527	1600	1605	1608	rVB2	45589	58464	1.33%	0.129%
28	11.980	1679	1682	1686	rVV2	589236	489749	11.18%	1.082%
29	12.015	1686	1688	1693	rVB	119890	100188	2.29%	0.221%
30	12.068	1694	1697	1700	rBV2	66763	59582	1.36%	0.132%
31	12.157	1704	1712	1716	rBV2	44580	78608	1.79%	0.174%
32	12.510	1768	1772	1776	rBV2	284914	503706	11.50%	1.112%
33	12.674	1796	1800	1803	rBV	289952	362439	8.27%	0.800%
34	12.704	1803	1805	1807	rVV2	158834	150629	3.44%	0.333%

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B-8D-(12-18)

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.727	1807	1809	1813	rVB2	55084	57104	1.30%	0.126%
36	12.768	1813	1816	1824	rBV2	329878	381322	8.70%	0.842%
37	12.904	1834	1839	1844	rBV2	188057	241630	5.51%	0.534%
38	13.045	1859	1863	1867	rBV	4139441	3533111	80.64%	7.802%
39	13.274	1899	1902	1905	rBV	151900	177084	4.04%	0.391%
40	13.615	1957	1960	1967	rVB	164174	183045	4.18%	0.404%
41	13.739	1978	1981	1987	rBV	53107	75754	1.73%	0.167%
42	13.898	2005	2008	2011	rBV2	49736	51655	1.18%	0.114%
43	13.951	2012	2017	2019	rBV4	309489	412491	9.41%	0.911%
44	14.080	2036	2039	2041	rBV	779533	761635	17.38%	1.682%
45	14.104	2041	2043	2046	rVB	1294244	1068477	24.39%	2.360%
46	14.262	2067	2070	2074	rVB	271734	250703	5.72%	0.554%
47	14.568	2119	2122	2126	rBV	310829	288433	6.58%	0.637%
48	14.733	2147	2150	2154	rBV	184044	179038	4.09%	0.395%
49	14.892	2173	2177	2180	rVB	287272	304842	6.96%	0.673%
50	14.968	2187	2190	2196	rVB2	252147	299204	6.83%	0.661%
51	15.162	2220	2223	2231	rVB2	94575	195432	4.46%	0.432%
52	15.245	2233	2237	2241	rVV	257954	291828	6.66%	0.644%
53	15.539	2284	2287	2291	rBV	64676	84819	1.94%	0.187%
54	15.609	2295	2299	2302	rVV	725043	900962	20.56%	1.990%
55	15.645	2302	2305	2311	rVB	203635	268373	6.13%	0.593%
56	16.103	2379	2383	2388	rVB2	114827	149523	3.41%	0.330%
57	16.633	2470	2473	2481	rVB3	87396	165388	3.77%	0.365%

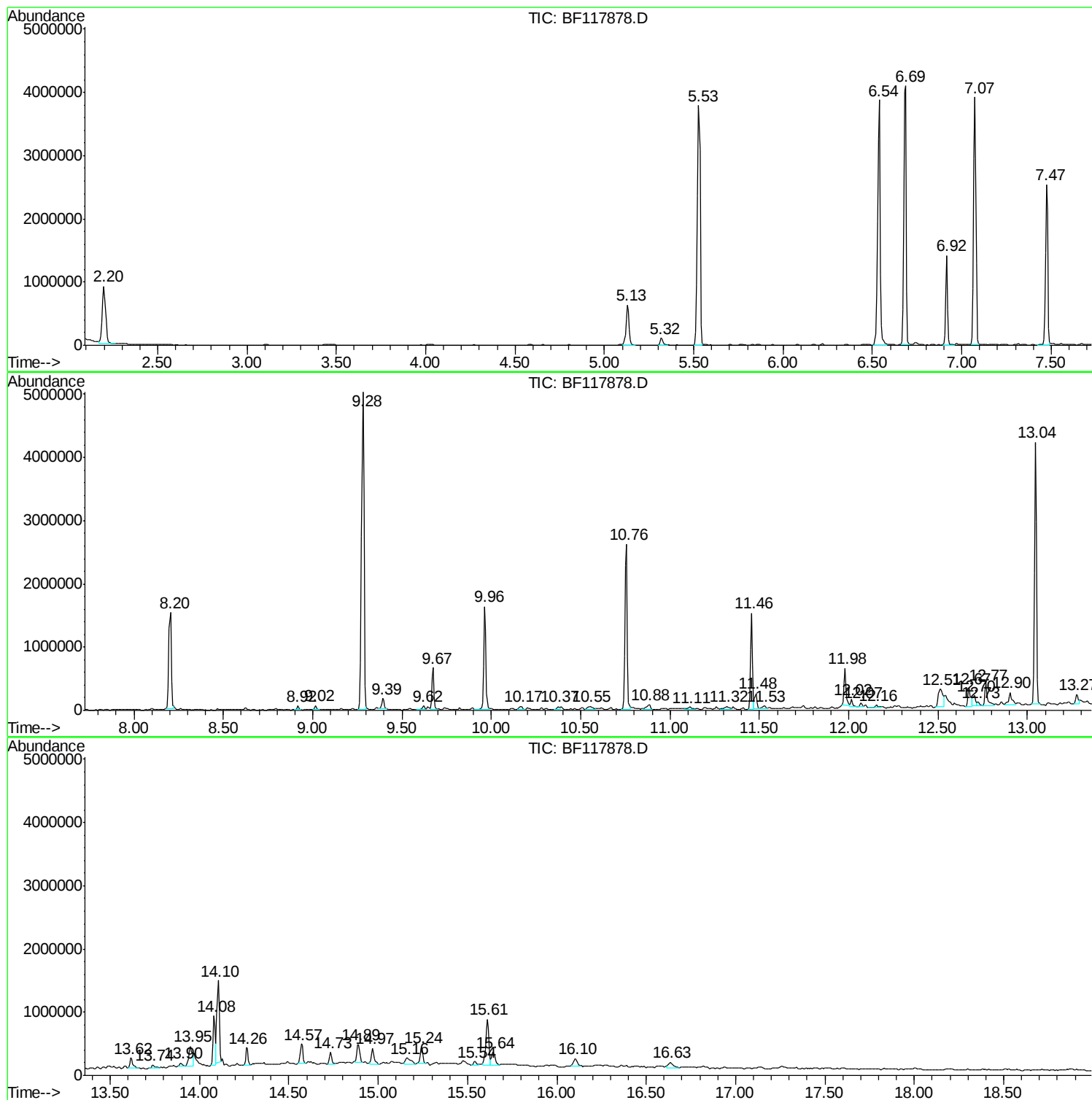
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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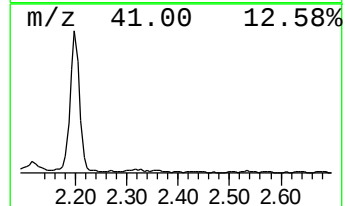
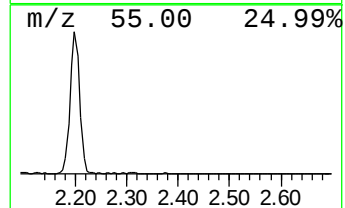
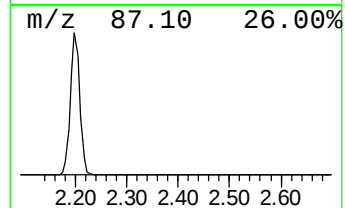
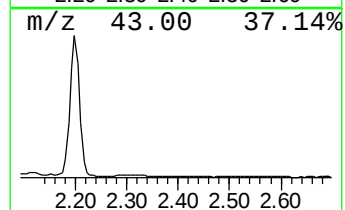
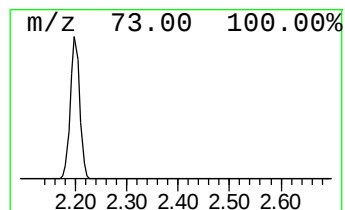
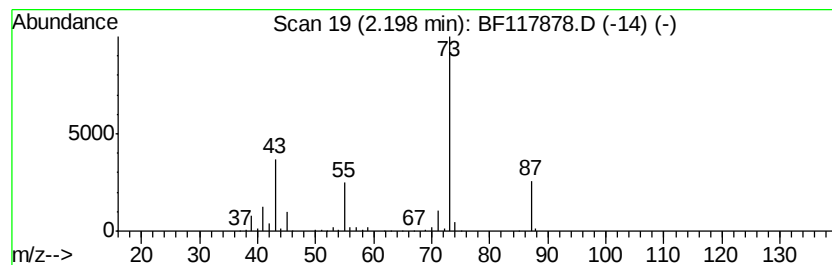
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	21.23 ng	1173450	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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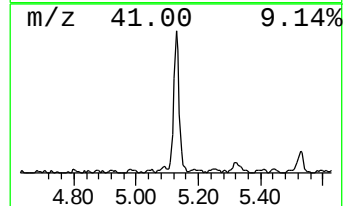
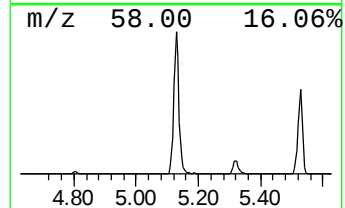
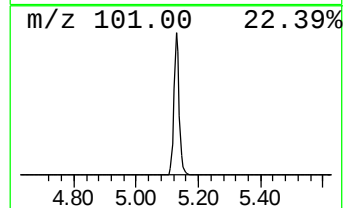
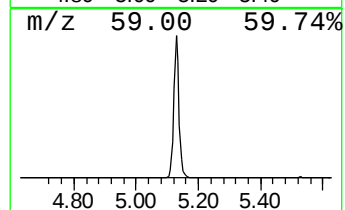
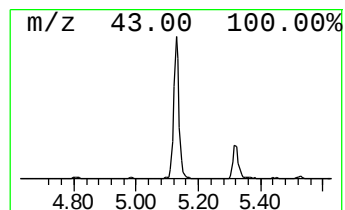
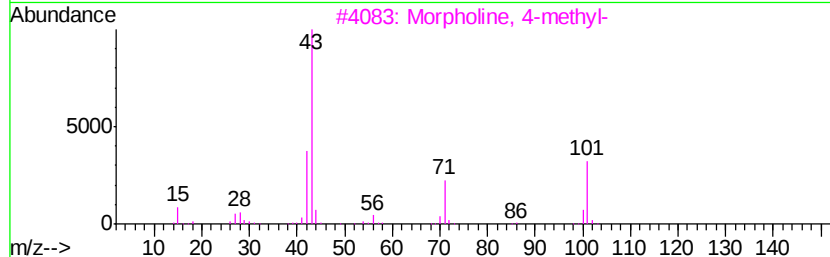
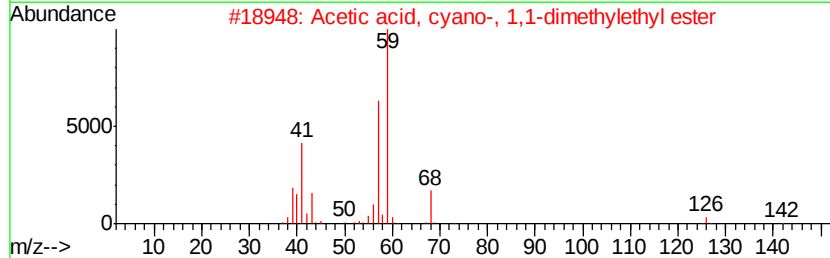
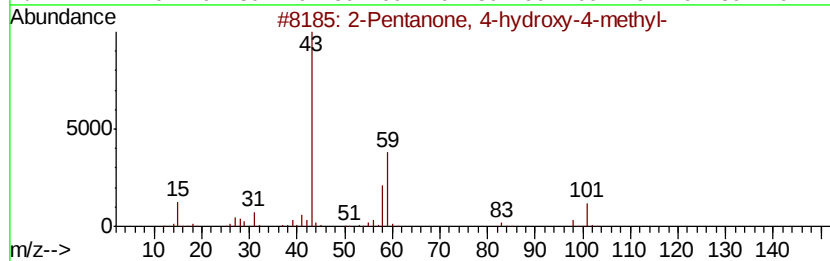
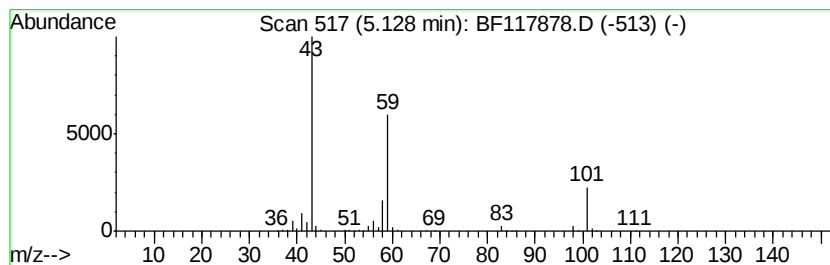
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	13.73 ng	758669	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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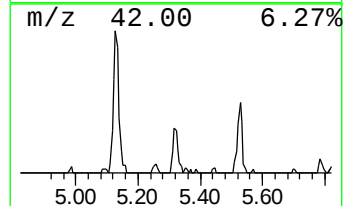
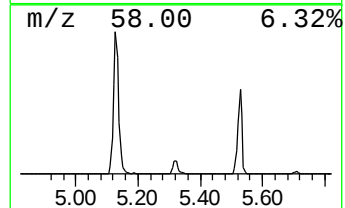
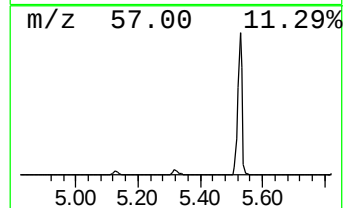
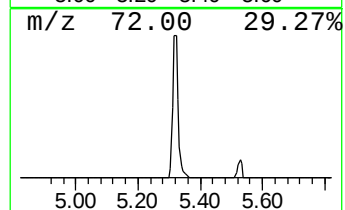
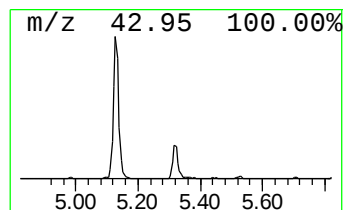
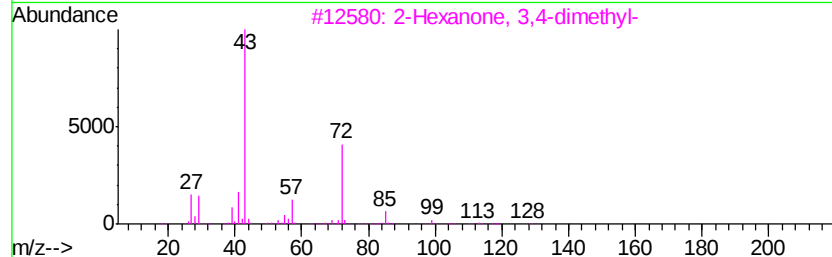
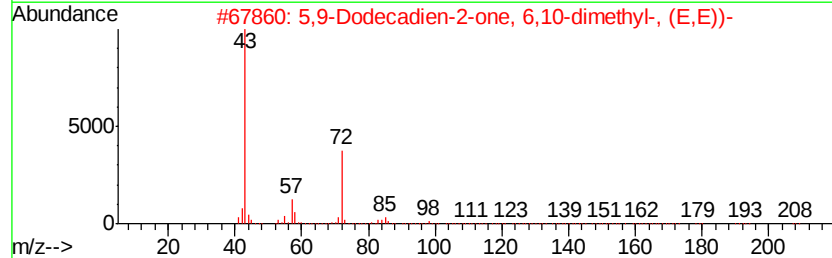
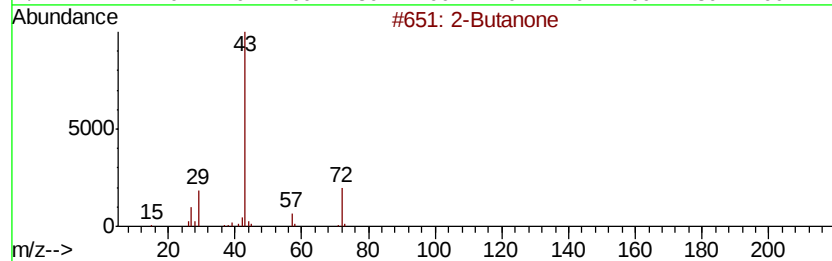
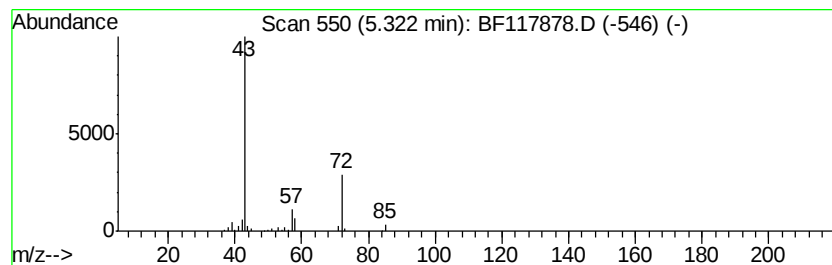
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Butanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	2.46 ng	135700	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butanone	72	C4H8O	000078-93-3	80
2			5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	64
3			2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	39
4			2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	39
5			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	39



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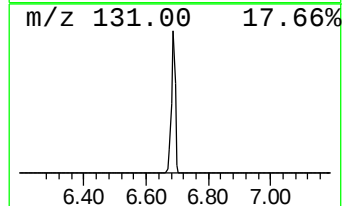
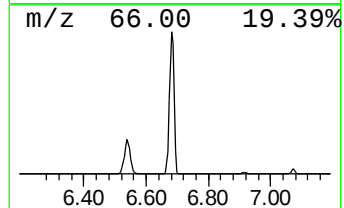
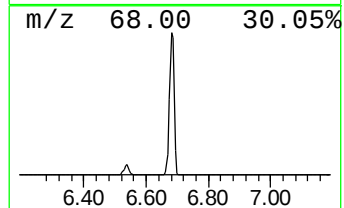
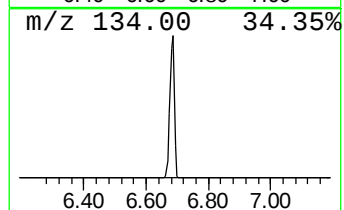
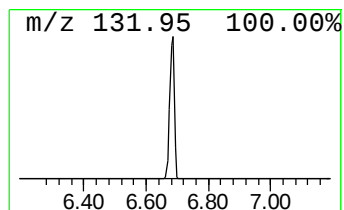
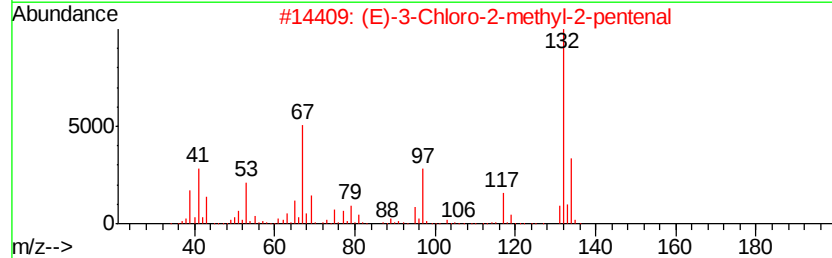
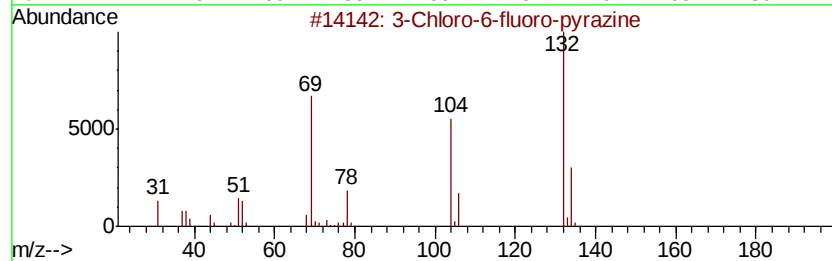
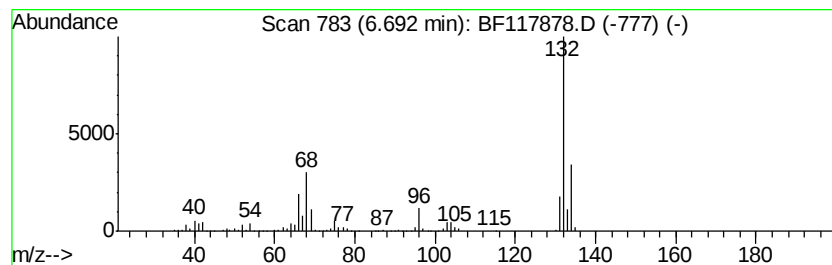
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	74.61 ng	4122790	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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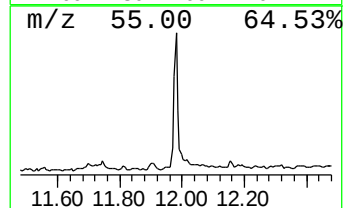
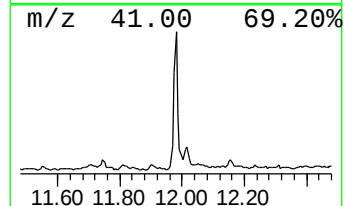
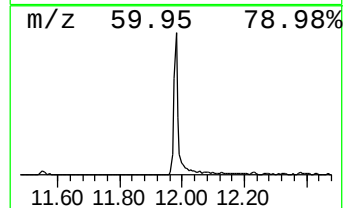
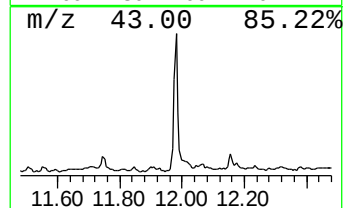
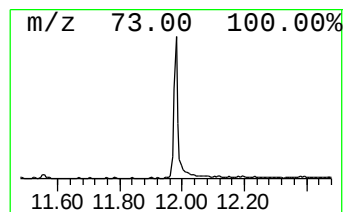
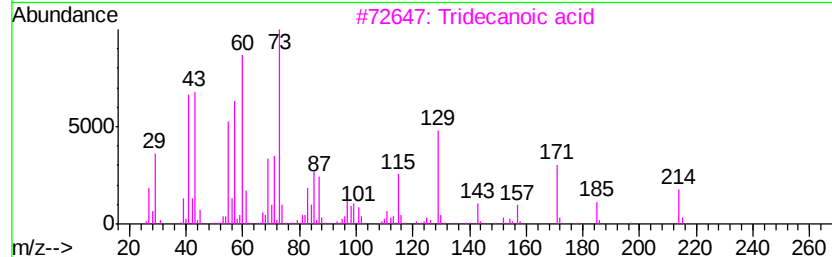
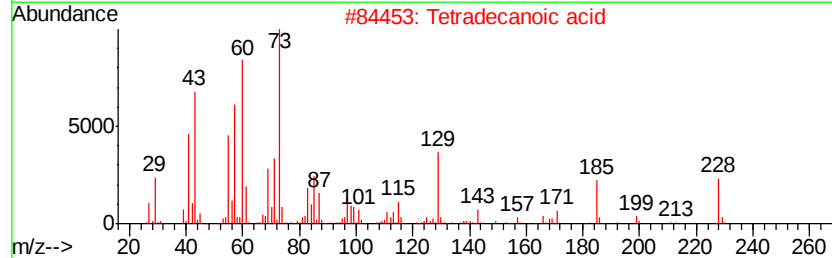
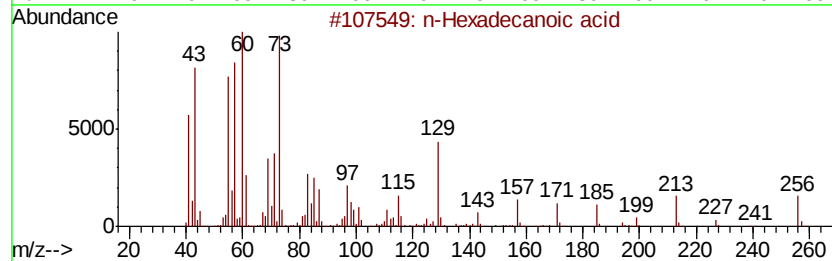
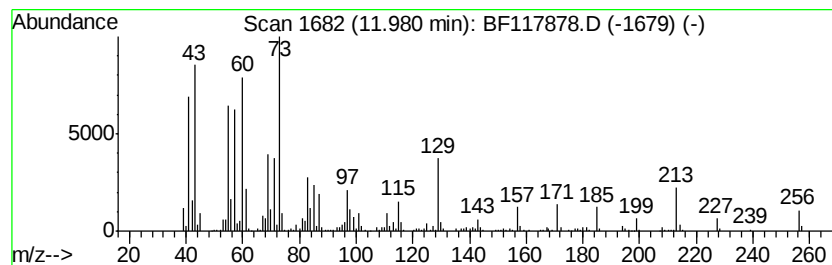
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.96 ng	489749	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

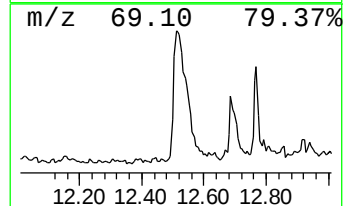
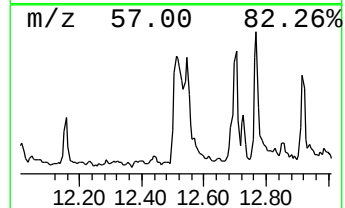
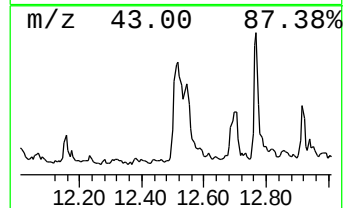
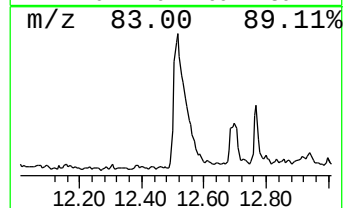
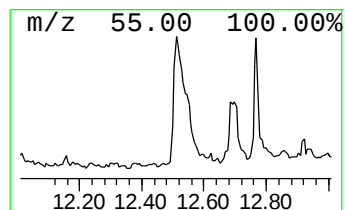
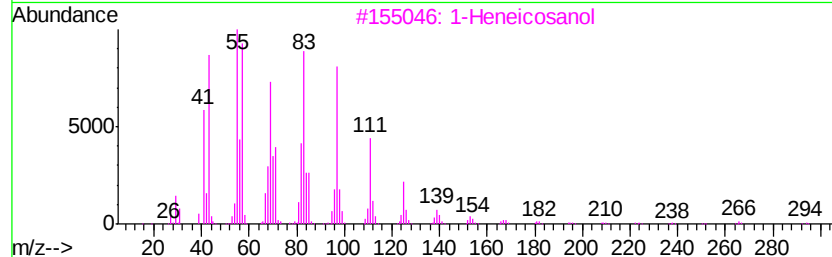
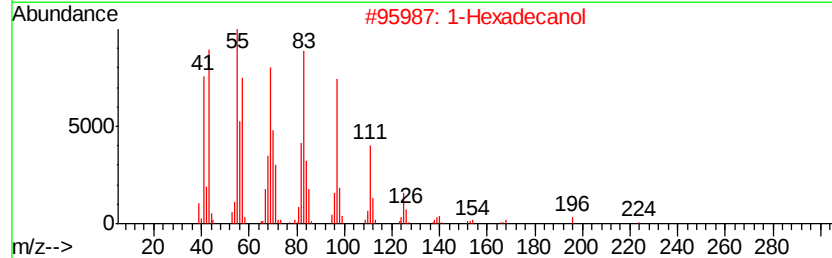
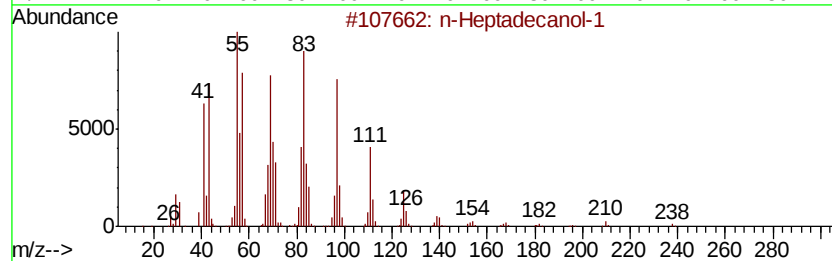
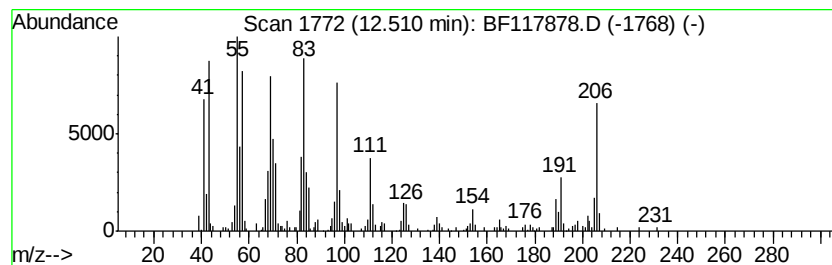
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ClientSampleId :
B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.51	8.18 ng	503706	Phenanthrene-d10		11.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
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ClientSampleId :
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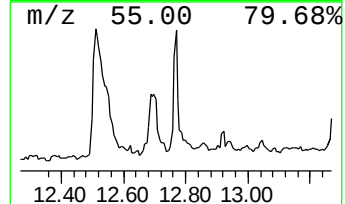
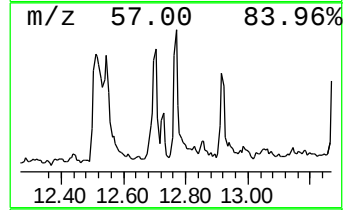
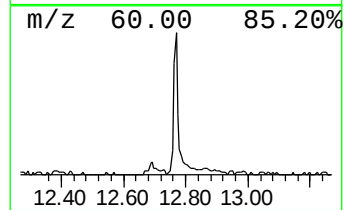
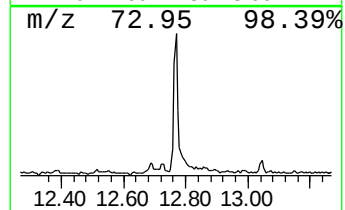
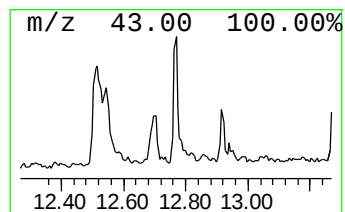
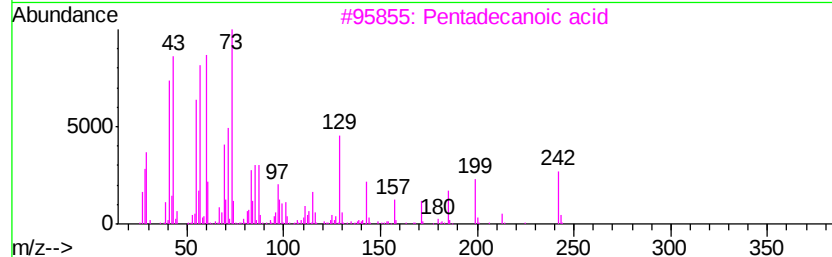
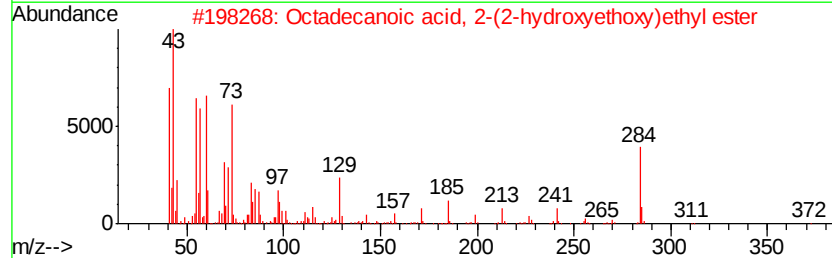
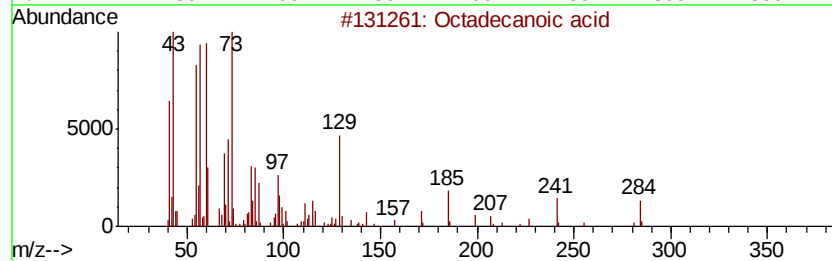
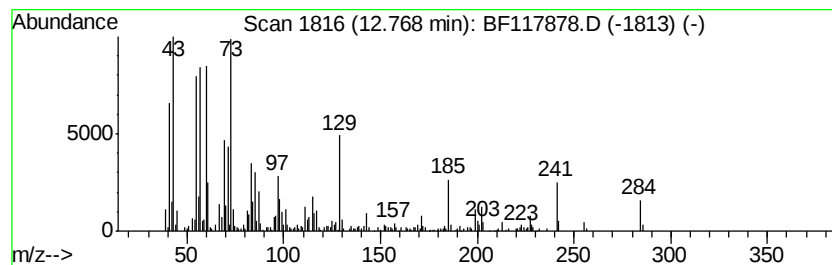
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.20 ng	381322	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
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Misc :
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Instrument :
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ClientSampleId :
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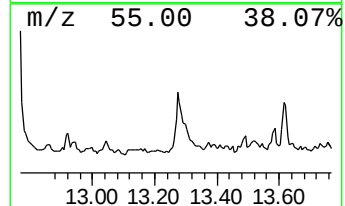
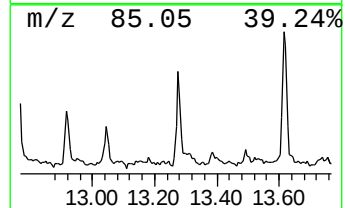
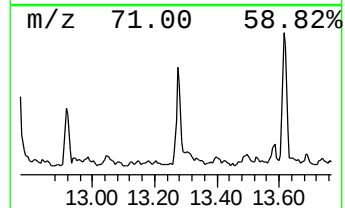
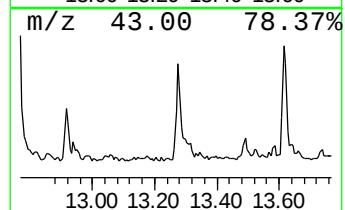
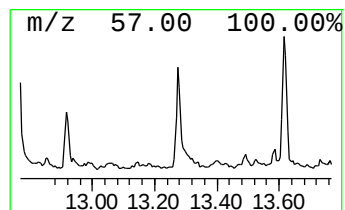
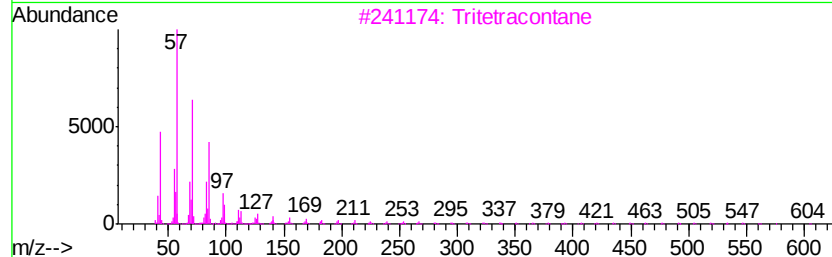
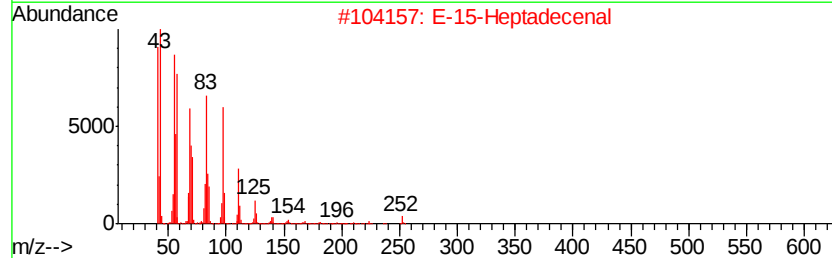
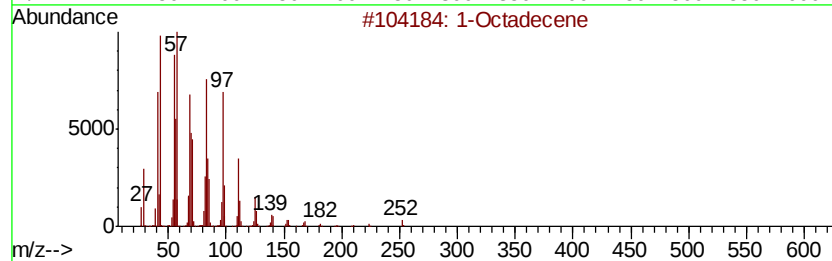
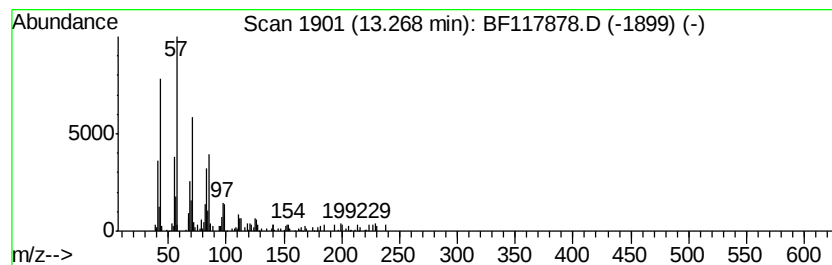
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Octadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.31 ng	177084	Chrysene-d12	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	94
2			E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
3			Tritetracontane	605	C43H88	007098-21-7	91
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
B-8D-(12-18)

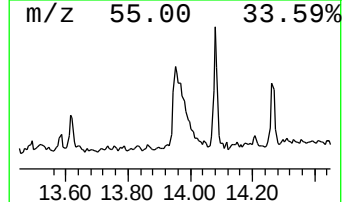
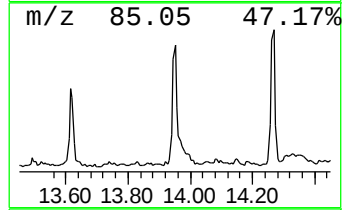
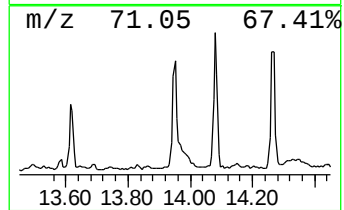
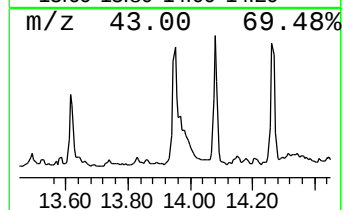
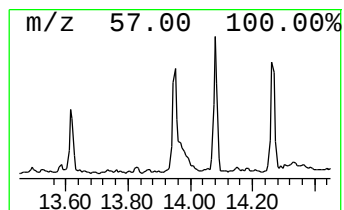
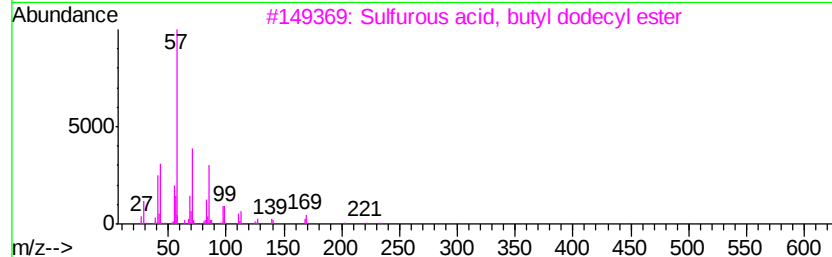
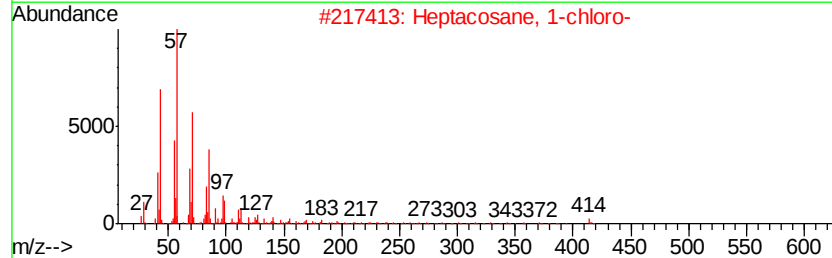
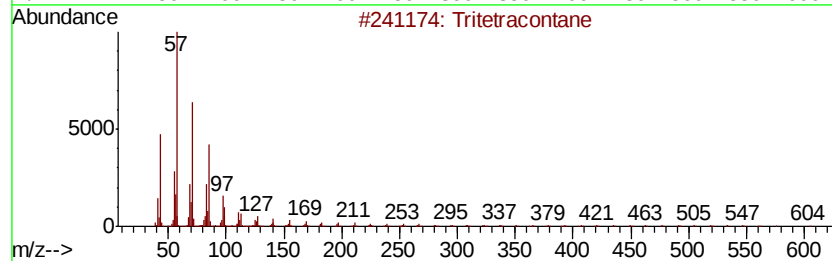
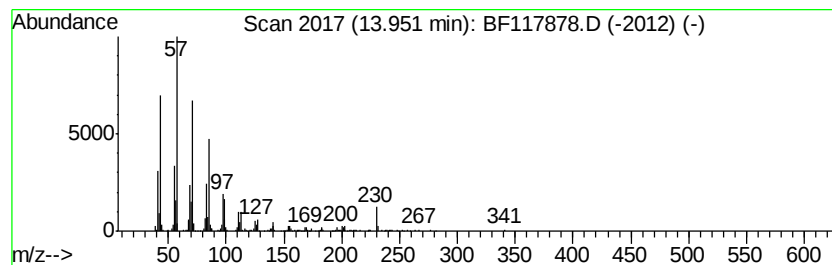
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.72 ng	412491	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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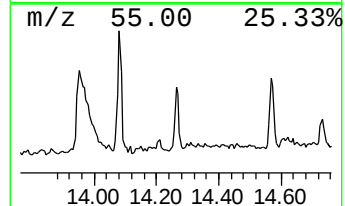
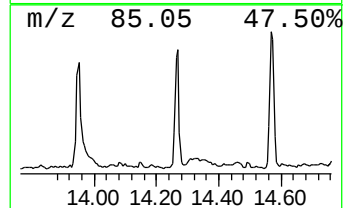
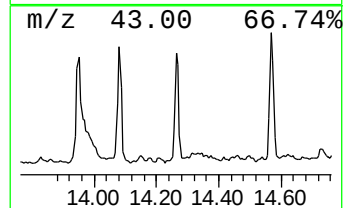
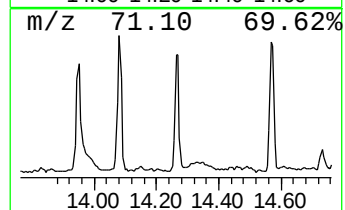
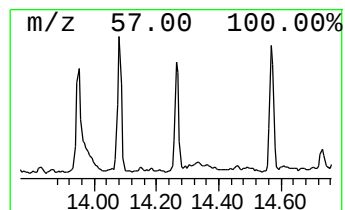
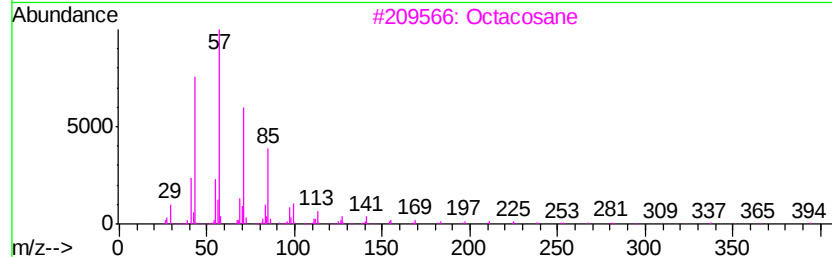
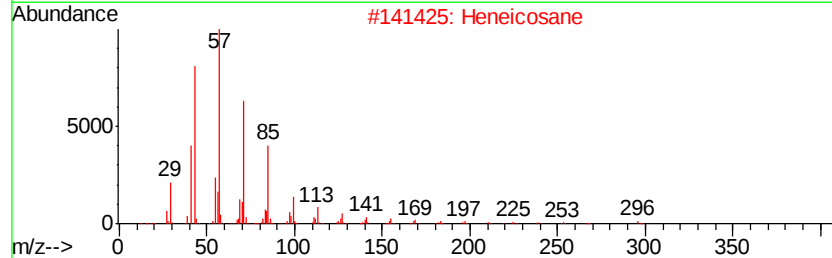
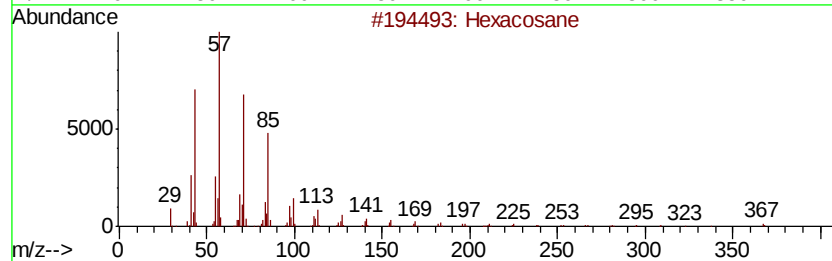
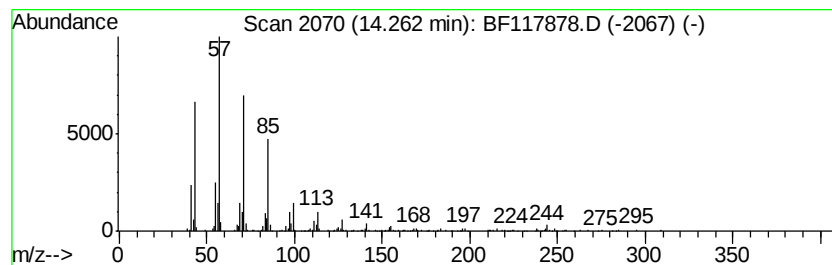
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.69 ng	250703	Chrysene-d12	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
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ClientSampleId :
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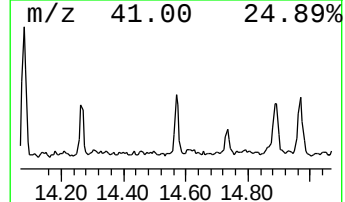
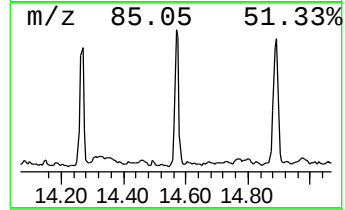
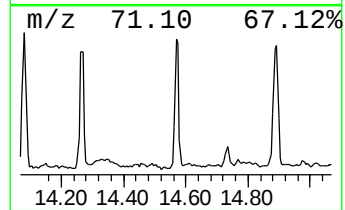
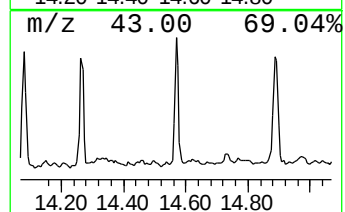
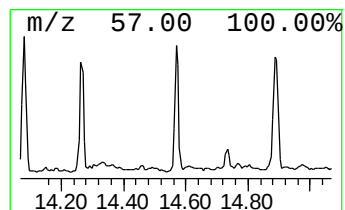
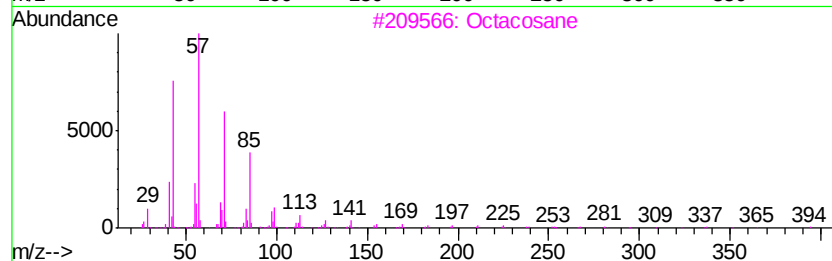
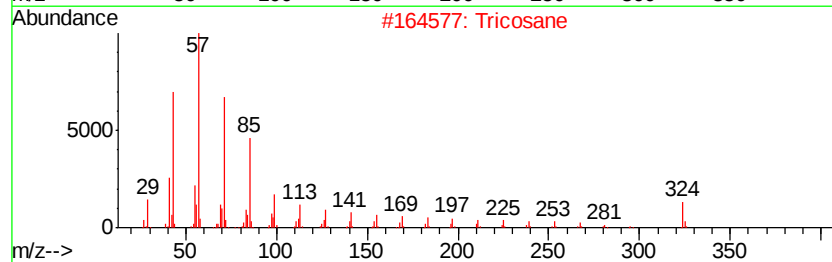
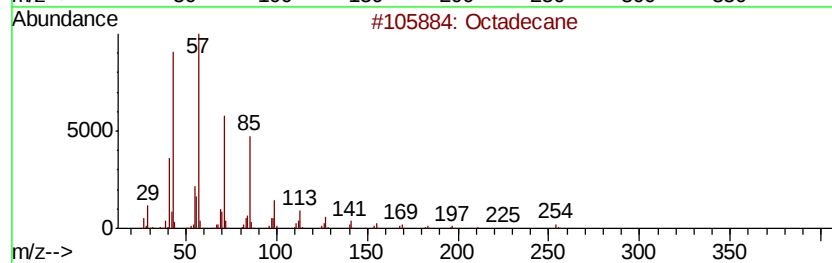
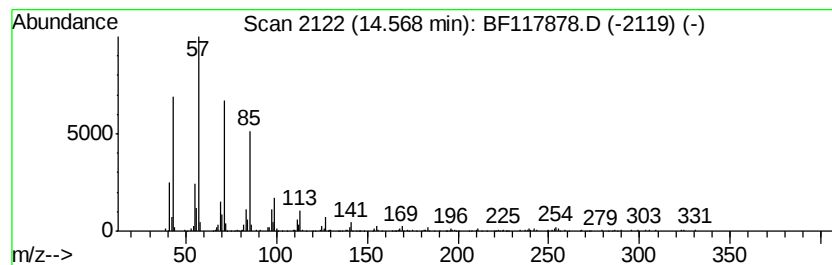
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.40 ng	288433	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Tricosane	324	C23H48	000638-67-5	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
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Operator : JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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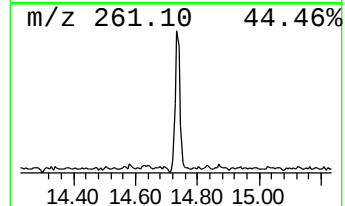
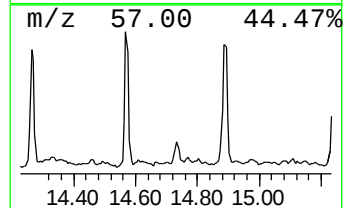
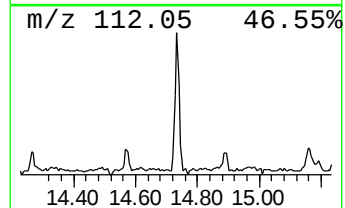
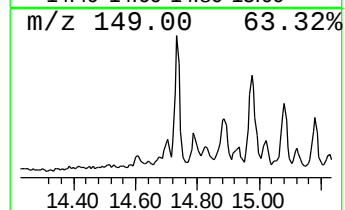
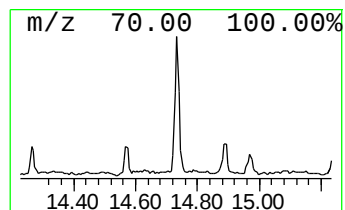
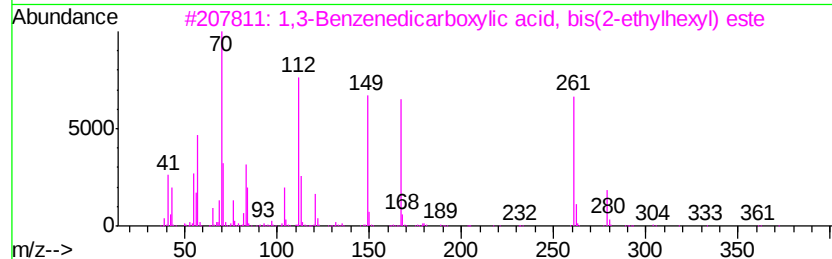
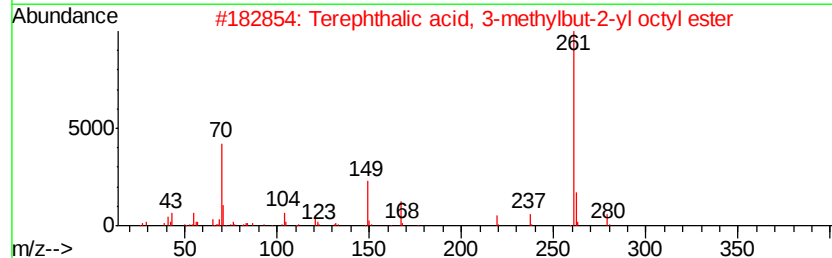
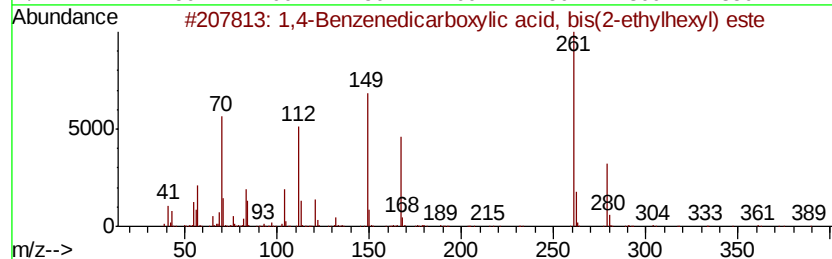
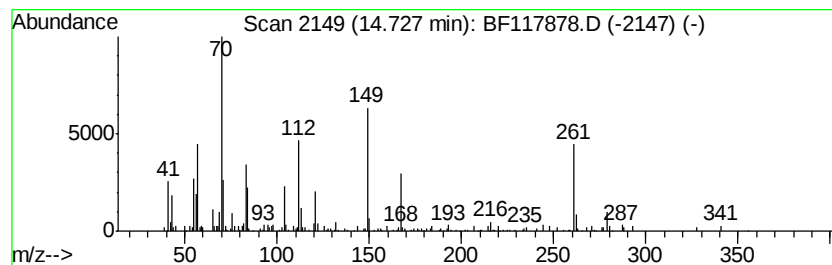
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,4-Benzenedicarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.35 ng	179038	Chrysene-d12	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
4			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	38
5			4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

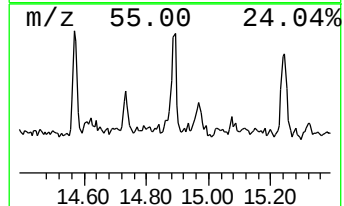
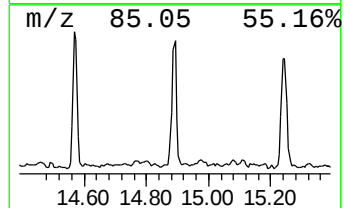
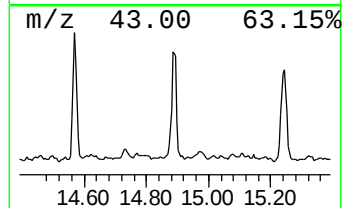
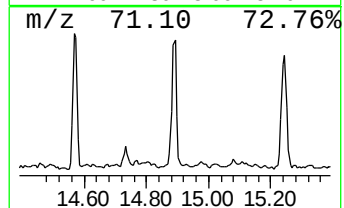
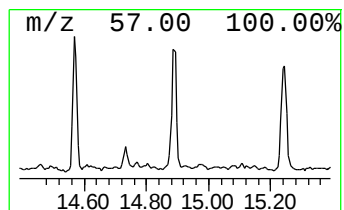
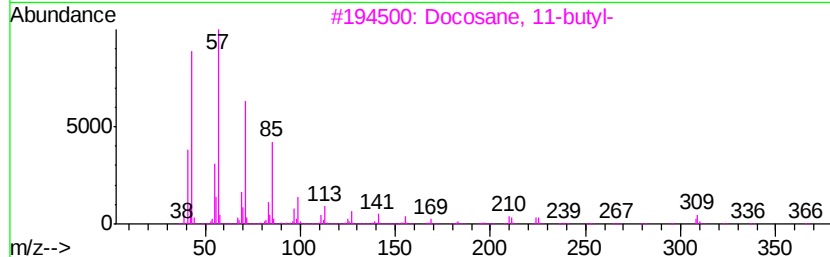
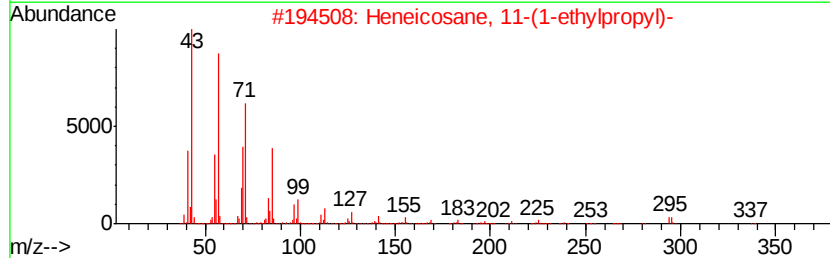
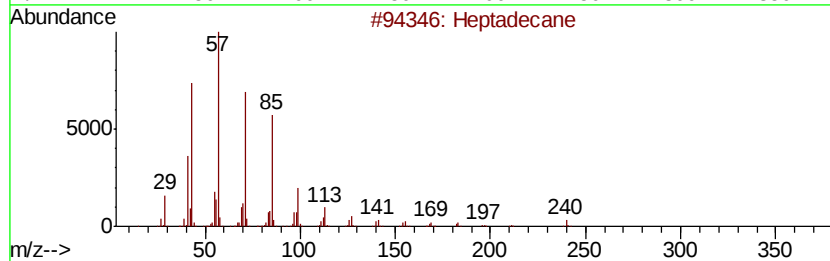
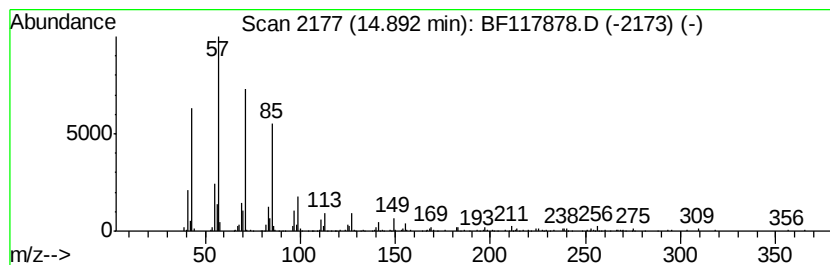
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.77 ng	304842	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

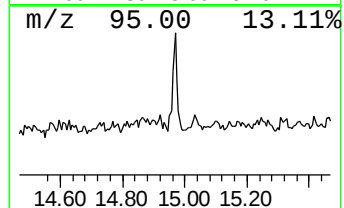
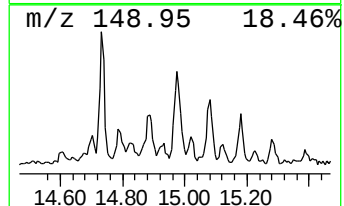
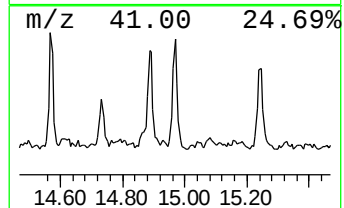
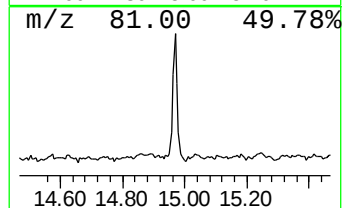
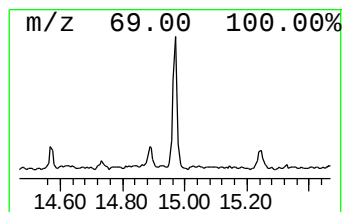
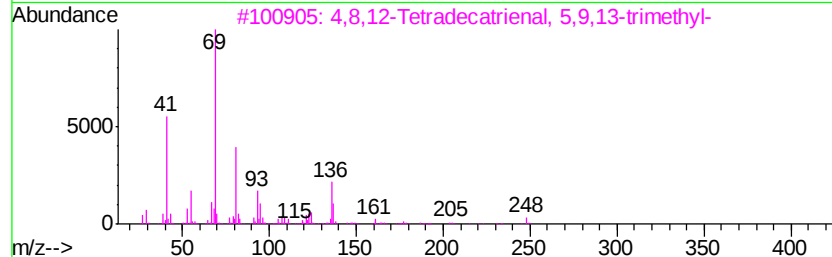
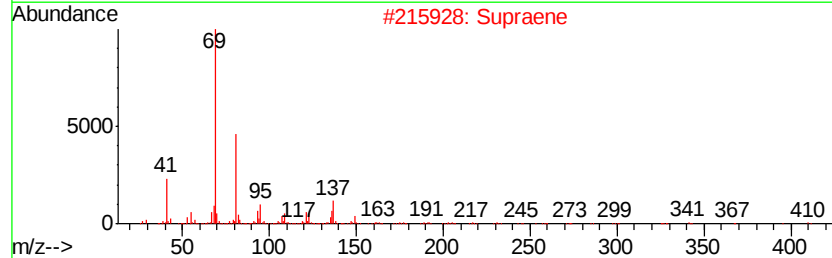
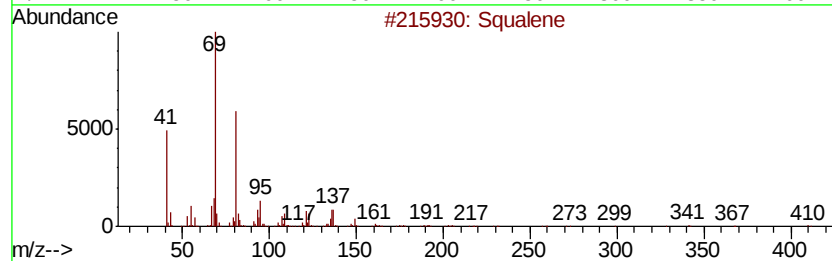
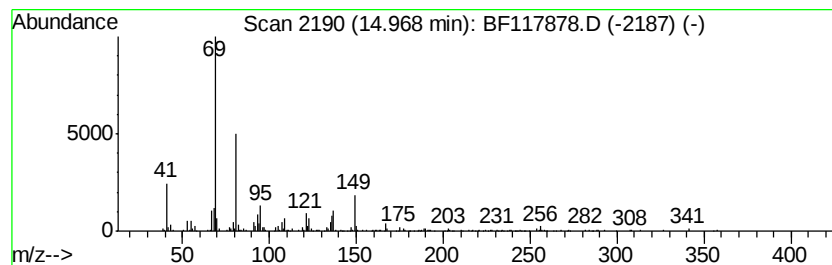
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.64 ng	299204	Perylene-d12	15.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	87
2			Supraene	410	C30H50	007683-64-9	74
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4			Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	59
5			4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

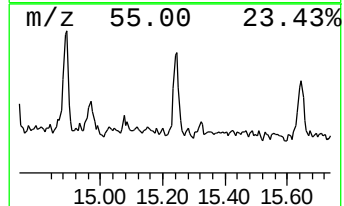
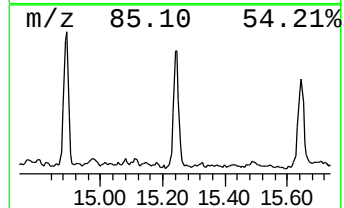
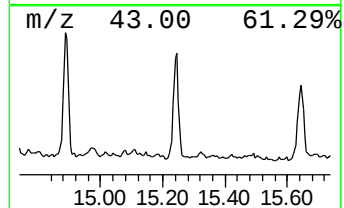
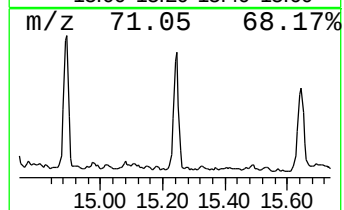
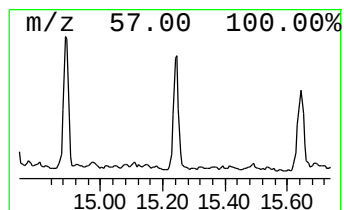
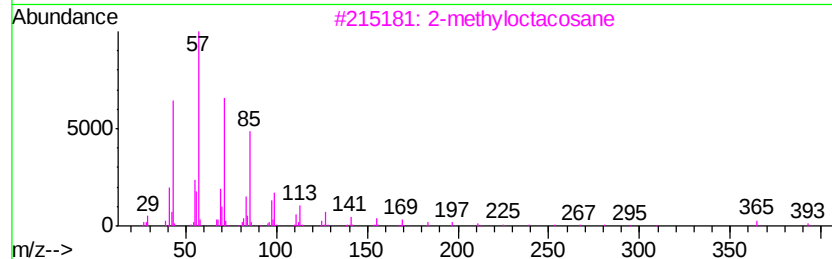
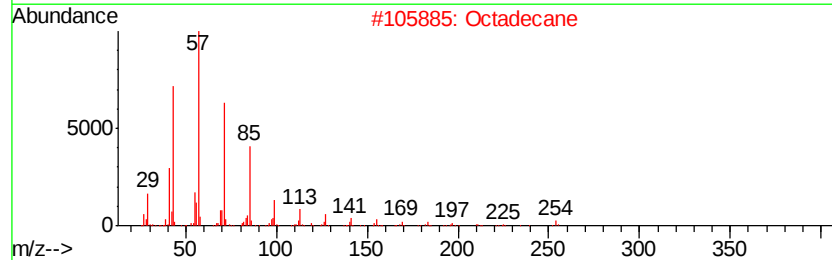
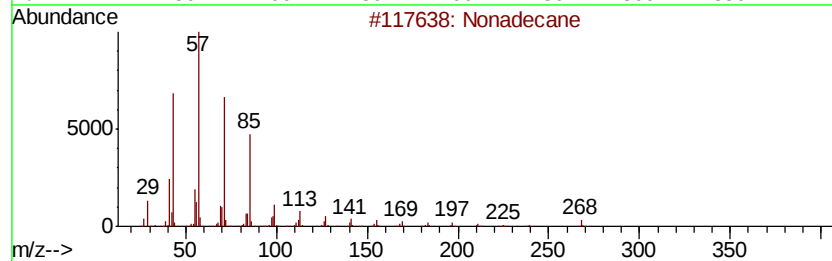
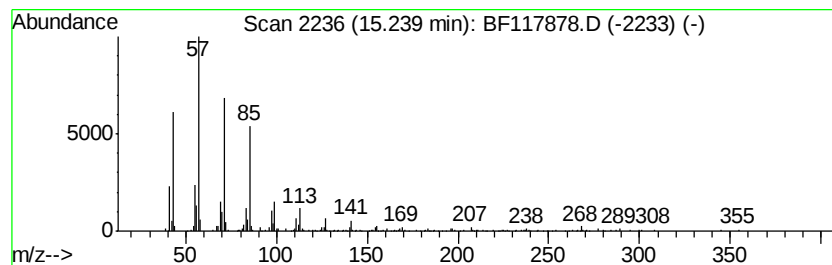
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.48 ng	291828	Perylene-d12	15.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Octadecane	254	C18H38	000593-45-3	95
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

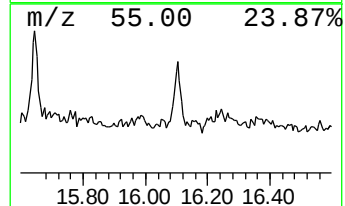
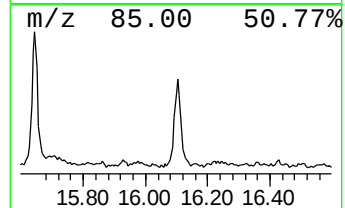
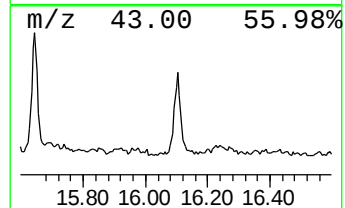
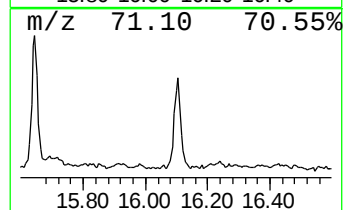
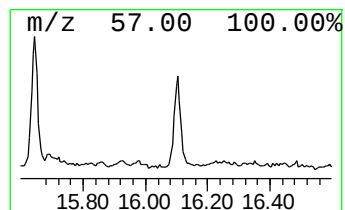
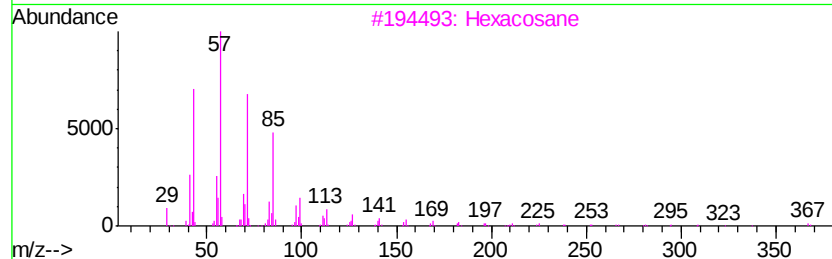
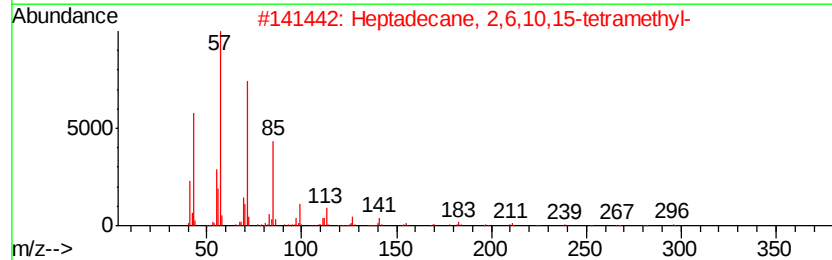
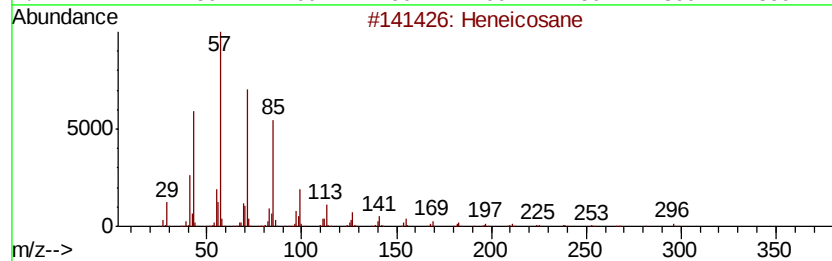
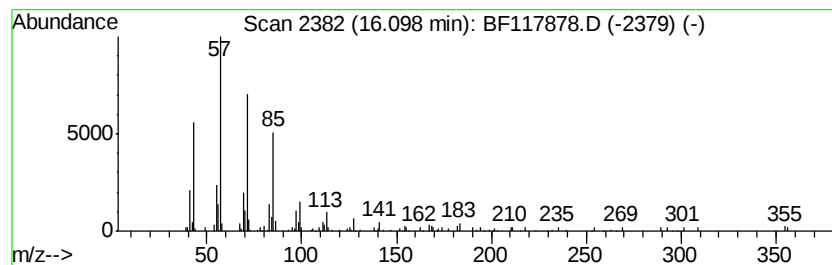
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.32 ng	149523	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117878.D
Acq On : 20 Nov 2019 3:00
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-8D-(12-18)

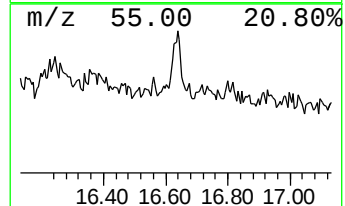
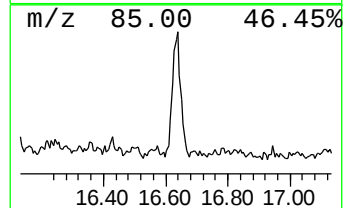
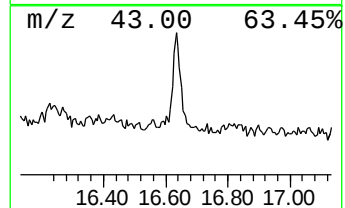
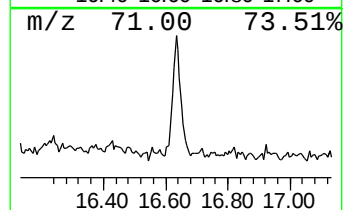
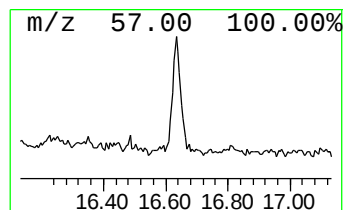
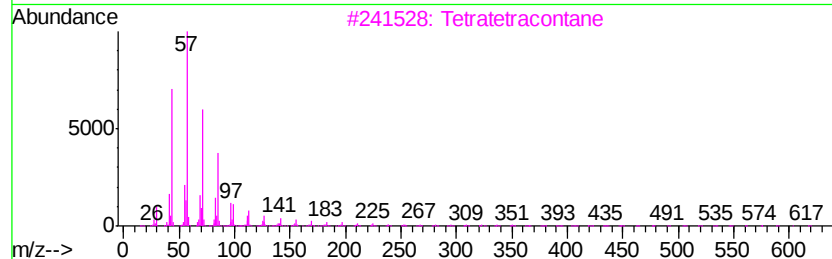
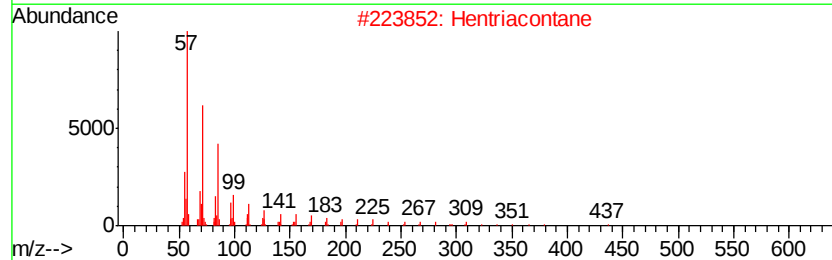
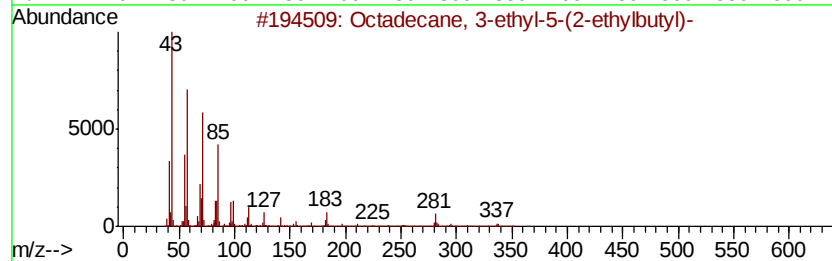
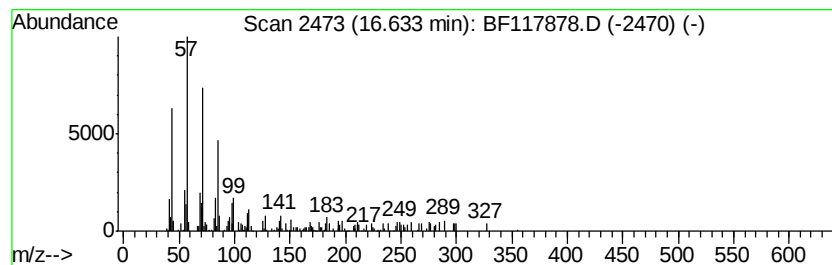
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane, 3-ethyl-5-(2-ethyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.67 ng	165388	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	68
2		Hentriacontane	437	C31H64	000630-04-6	68
3		Tetratetracontane	619	C44H90	007098-22-8	68
4		Hexacosane	366	C26H54	000630-01-3	68
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
 Data File : BF117878.D
 Acq On : 20 Nov 2019 3:00
 Operator : JU
 Sample : K5908-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.20	21.2	ng	1173450	1	6.92	1105210	20.0
2-Pentanone, 4-hy...	5.13	13.7	ng	758669	1	6.92	1105210	20.0
2-Butanone	5.32	2.5	ng	135700	1	6.92	1105210	20.0
unknown6.69	6.69	74.6	ng	4122790	1	6.92	1105210	20.0
n-Hexadecanoic acid	11.98	8.0	ng	489749	4	11.46	1230990	20.0
n-Heptadecanol-1	12.51	8.2	ng	503706	4	11.46	1230990	20.0
Octadecanoic acid	12.77	6.2	ng	381322	4	11.46	1230990	20.0
1-Octadecene	13.27	3.3	ng	177084	5	14.10	1068480	20.0
Tritetracontane	13.95	7.7	ng	412491	5	14.10	1068480	20.0
Hexacosane	14.26	4.7	ng	250703	5	14.10	1068480	20.0
Octadecane	14.57	5.4	ng	288433	5	14.10	1068480	20.0
1,4-Benzenedicarb...	14.73	3.4	ng	179038	5	14.10	1068480	20.0
Heptadecane	14.89	6.8	ng	304842	6	15.61	900962	20.0
Squalene	14.97	6.6	ng	299204	6	15.61	900962	20.0
Nonadecane	15.24	6.5	ng	291828	6	15.61	900962	20.0
Heneicosane	16.10	3.3	ng	149523	6	15.61	900962	20.0
Octadecane, 3-eth...	16.63	3.7	ng	165388	6	15.61	900962	20.0