

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111290.D
 Acq On : 11 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

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-BF120818.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	3.199	187	189	201	rBV	25763	72330	1.79%	0.204%
2	3.787	284	289	294	rBV	35499	51659	1.28%	0.145%
3	4.034	323	331	335	rBV	58924	80192	1.98%	0.226%
4	4.981	486	492	499	rBV2	168815	231411	5.72%	0.651%
5	5.404	560	564	578	rVB	1100839	992360	24.53%	2.793%
6	5.916	648	651	655	rBV	75781	64764	1.60%	0.182%
7	6.416	733	736	749	rBV2	839020	1130079	27.93%	3.180%
8	6.563	757	761	764	rBV	1938708	1777528	43.94%	5.002%
9	6.792	797	800	804	rBV	1578485	1347242	33.30%	3.791%
10	6.951	823	827	830	rBV	3754943	3027151	74.82%	8.518%
11	7.351	890	895	898	rBV	3134178	2671990	66.05%	7.519%
12	8.075	1014	1018	1022	rBV	1886796	1601513	39.59%	4.507%
13	9.157	1197	1202	1205	rBV	4367714	4045648	100.00%	11.385%
14	9.545	1264	1268	1271	rBV	935073	692712	17.12%	1.949%
15	9.833	1313	1317	1321	rBV	1998097	1755772	43.40%	4.941%
16	10.033	1349	1351	1356	rBV	59361	52561	1.30%	0.148%
17	10.245	1384	1387	1390	rBV	221596	186077	4.60%	0.524%
18	10.616	1446	1450	1454	rBV	1418195	1259332	31.13%	3.544%
19	10.898	1495	1498	1501	rBV	53318	50802	1.26%	0.143%
20	11.316	1565	1569	1572	rBV	2106619	1769257	43.73%	4.979%
21	11.386	1576	1581	1583	rVB5	38934	49047	1.21%	0.138%
22	11.704	1633	1635	1640	rVB3	71692	78344	1.94%	0.220%
23	11.851	1655	1660	1670	rBV	1957482	2027829	50.12%	5.706%
24	12.416	1751	1756	1761	rBV4	85763	107315	2.65%	0.302%
25	12.533	1773	1776	1778	rBV2	59540	62065	1.53%	0.175%
26	12.557	1778	1780	1786	rVB5	52495	76440	1.89%	0.215%
27	12.639	1790	1794	1805	rBV	1296797	1448560	35.81%	4.076%
28	12.904	1834	1839	1842	rBV	4306616	3837274	94.85%	10.798%
29	13.145	1873	1880	1883	rBV5	32666	63018	1.56%	0.177%
30	13.810	1987	1993	2007	rBV2	428158	669076	16.54%	1.883%
31	13.951	2013	2017	2021	rBV	1981976	1769115	43.73%	4.978%
32	14.133	2044	2048	2053	rBV	93828	104587	2.59%	0.294%
33	14.439	2097	2100	2105	rBV	174284	169863	4.20%	0.478%
34	14.745	2148	2152	2155	rBV	162288	157216	3.89%	0.442%

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35	15.074	2204	2208	2212	rBV	194970	200407	4.95%	0.564%
36	15.392	2257	2262	2267	rBV	1083052	1324618	32.74%	3.728%
37	15.445	2267	2271	2277	rVB	171024	224913	5.56%	0.633%
38	15.868	2339	2343	2349	rBV	136402	193084	4.77%	0.543%
39	16.362	2423	2427	2432	rVB2	73059	113129	2.80%	0.318%

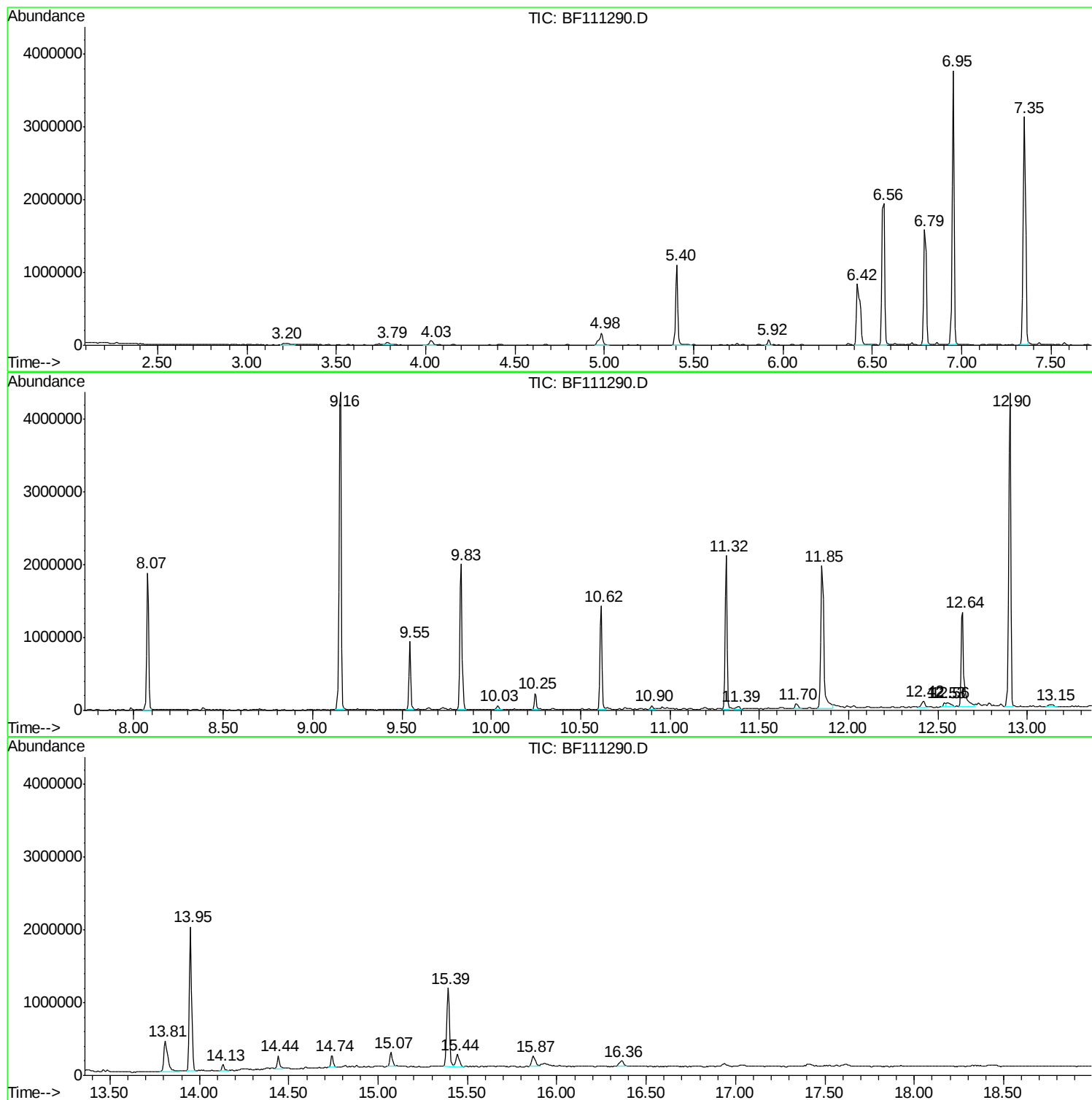
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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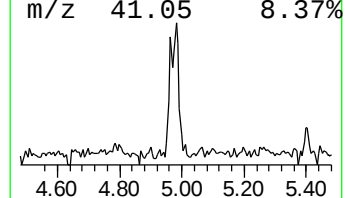
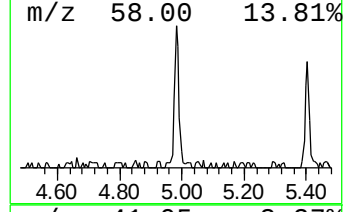
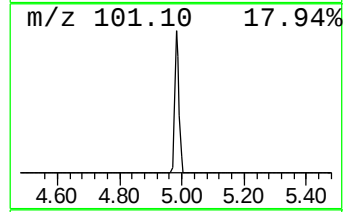
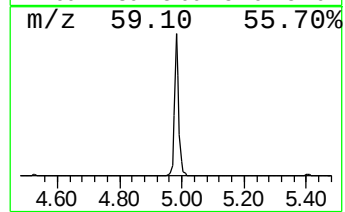
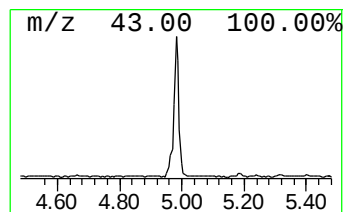
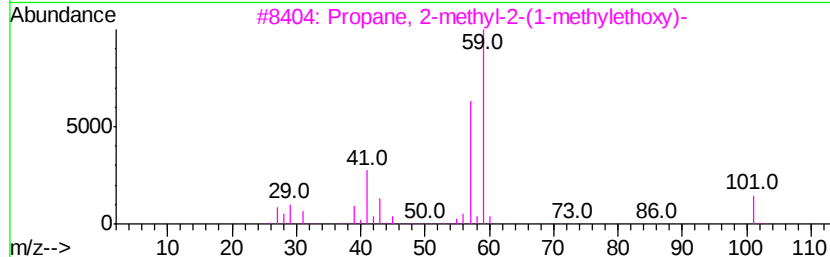
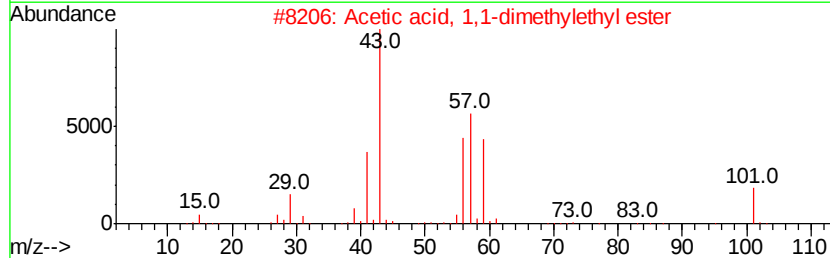
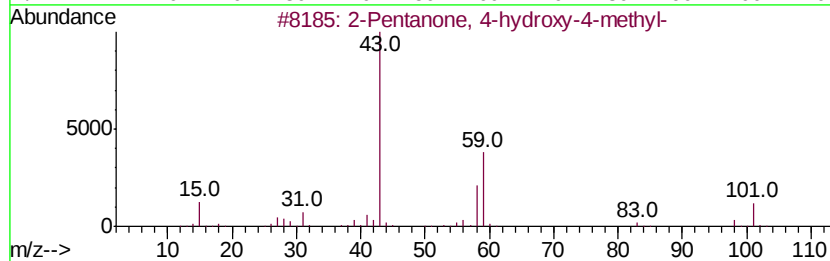
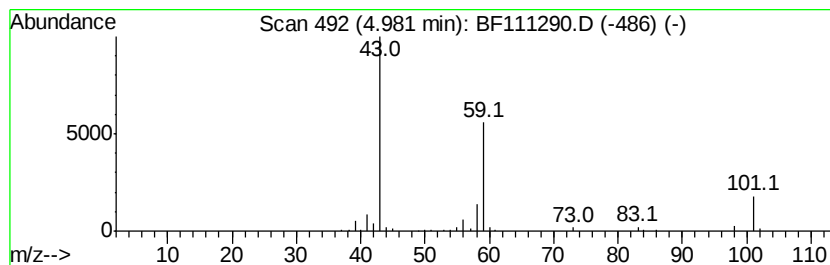
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.44 ng	231411	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28



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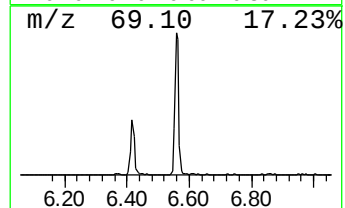
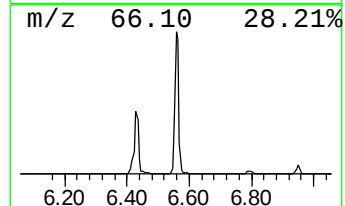
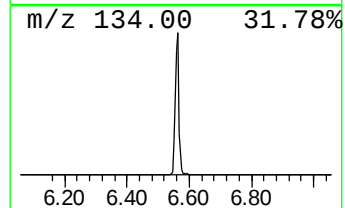
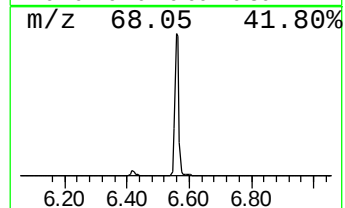
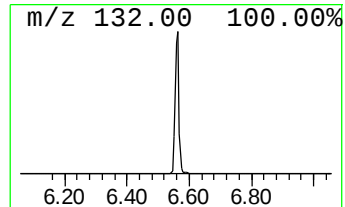
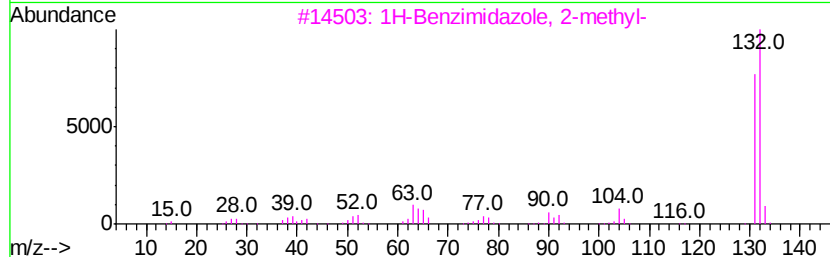
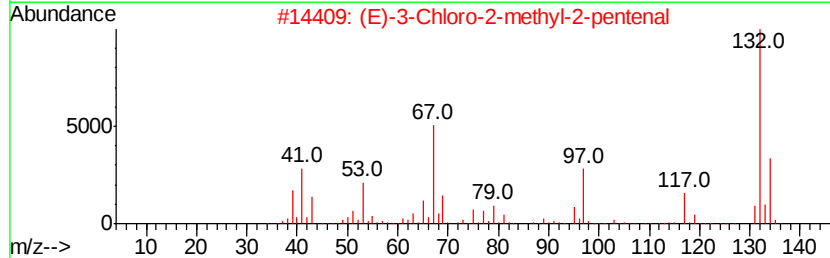
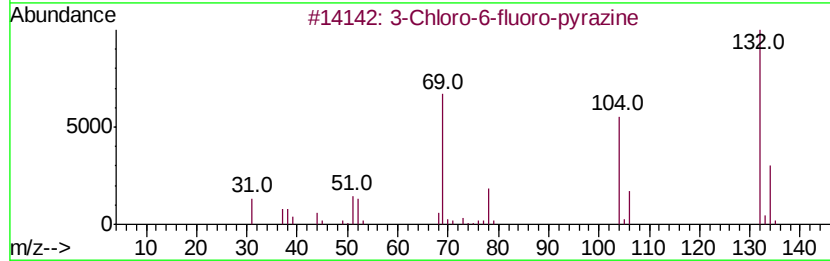
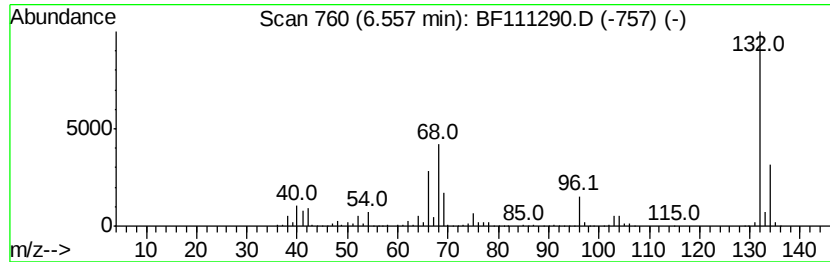
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	26.39 ng	1777530	1,4-Dichlorobenzene-d4	6.79

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	25
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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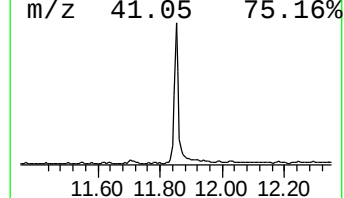
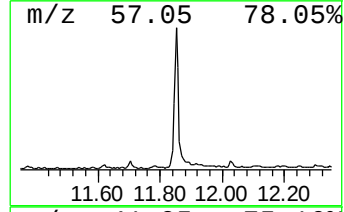
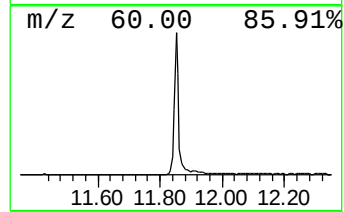
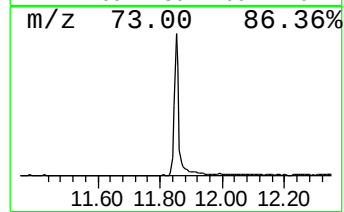
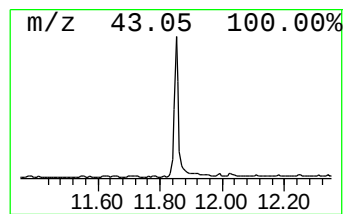
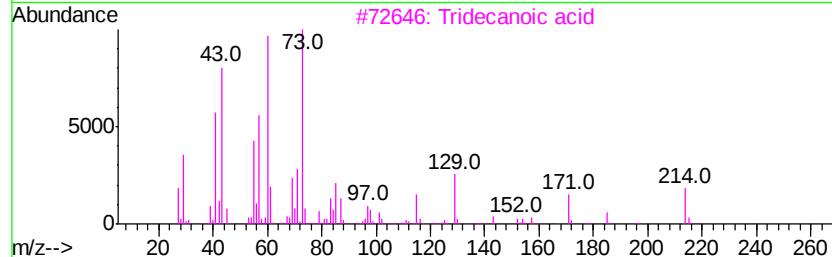
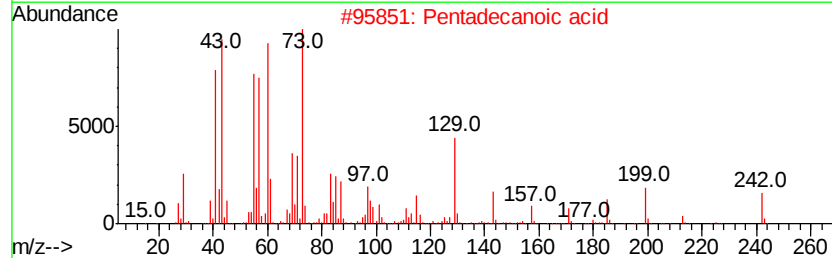
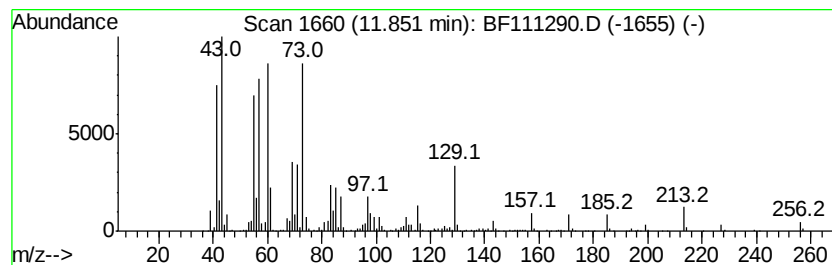
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	22.92 ng	2027830	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		Undecanoic acid	186	C11H22O2	000112-37-8	74



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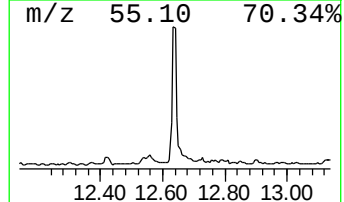
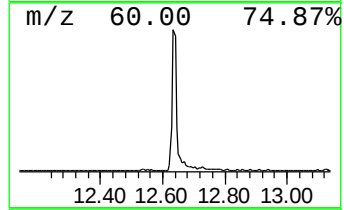
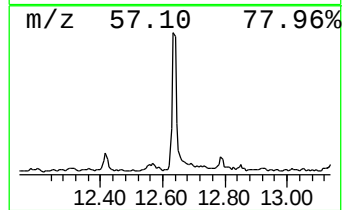
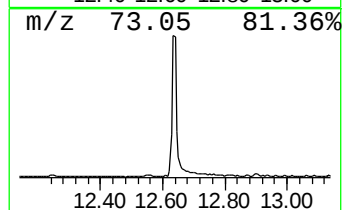
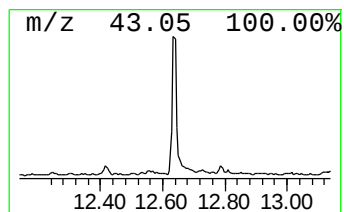
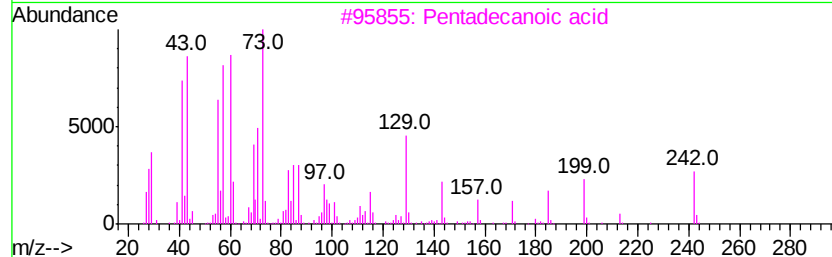
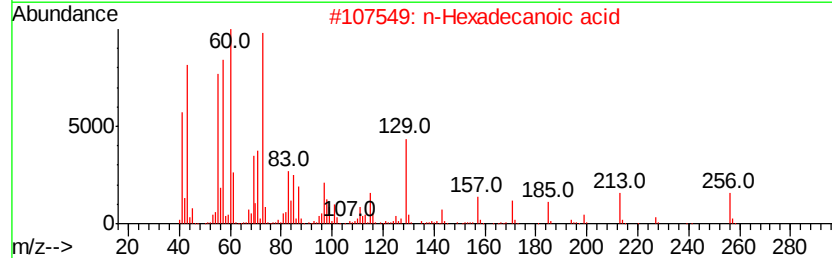
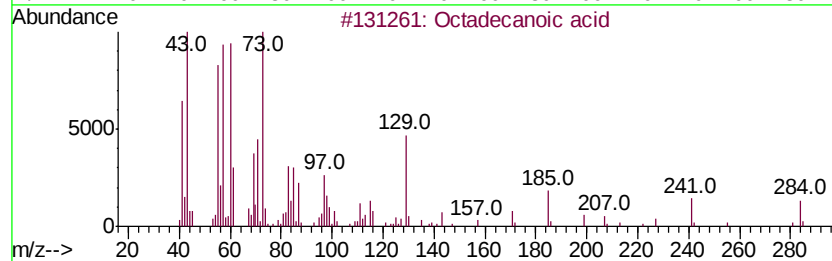
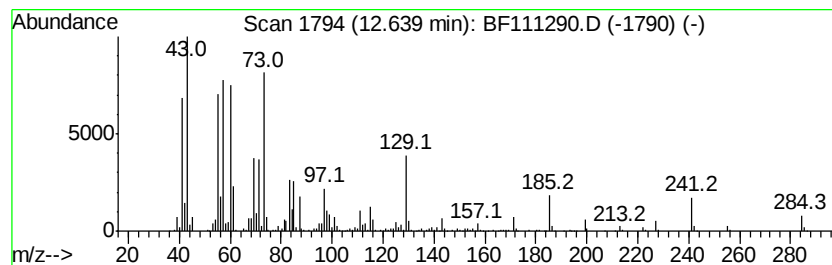
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	16.38 ng	1448560	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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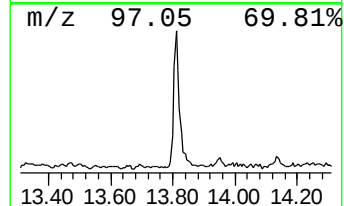
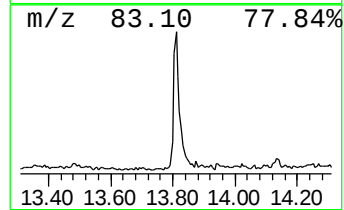
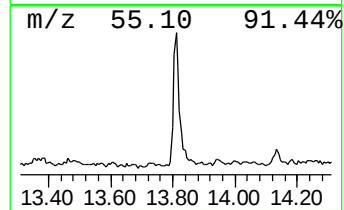
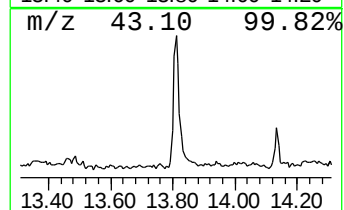
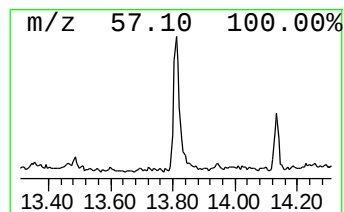
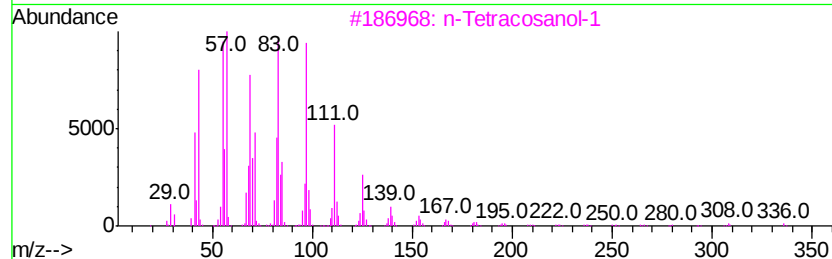
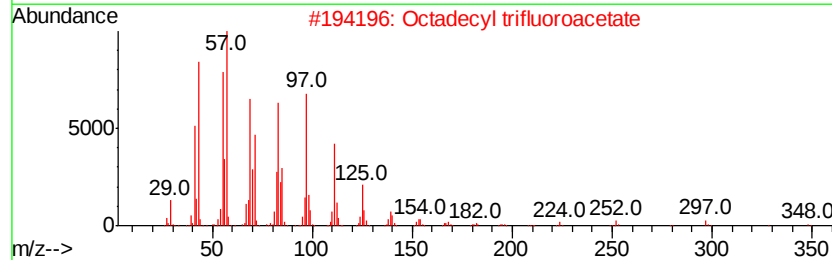
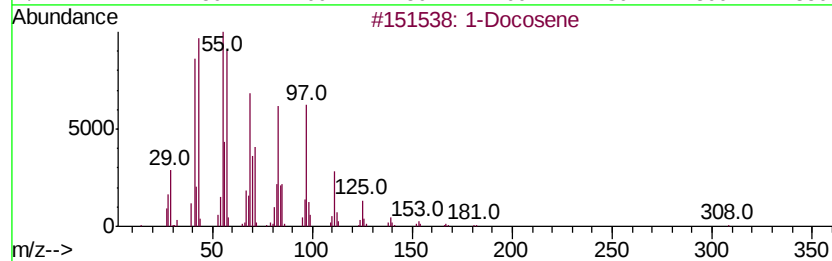
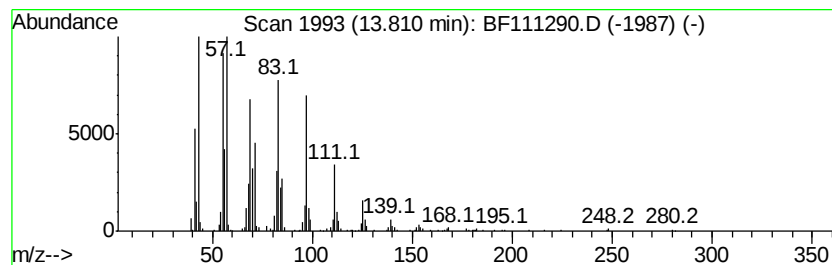
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.56 ng	669076	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111290.D
Acq On : 11 Dec 2018 21:46
Operator : JU/SJ
Sample : J6157-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

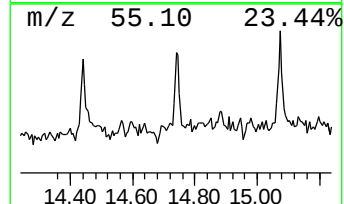
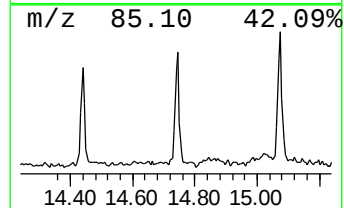
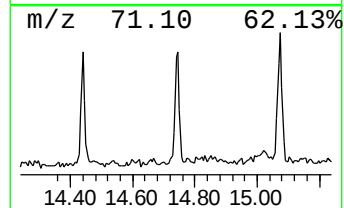
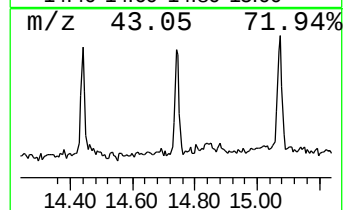
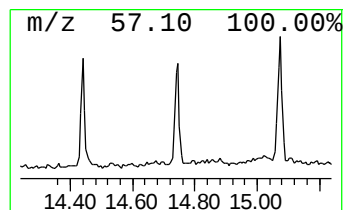
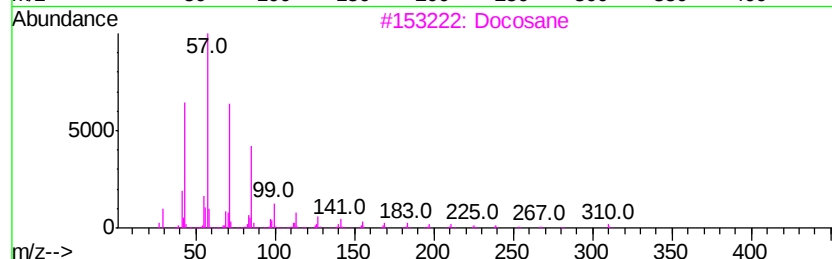
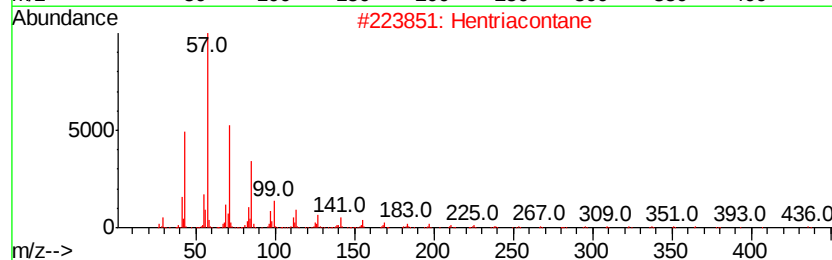
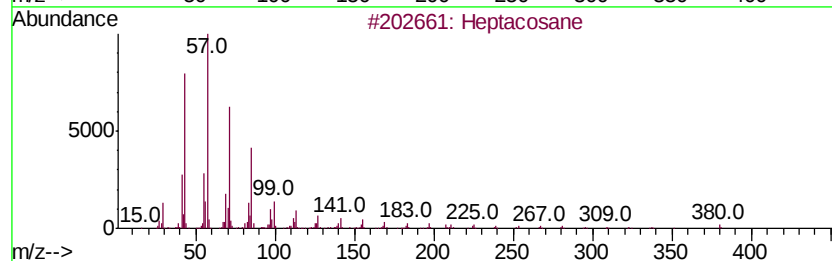
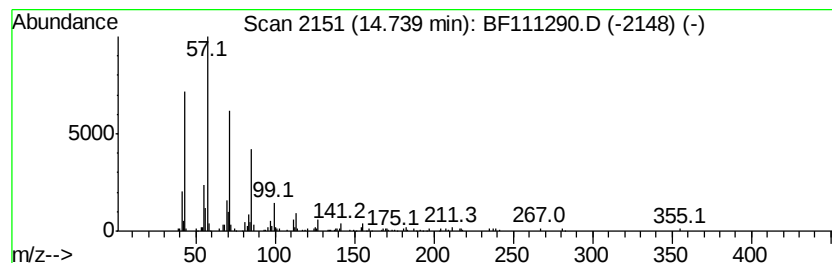
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.37 ng	157216	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Docosane	310	C22H46	000629-97-0	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111290.D
Acq On : 11 Dec 2018 21:46
Operator : JU/SJ
Sample : J6157-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

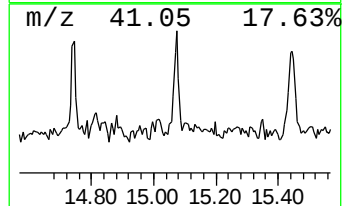
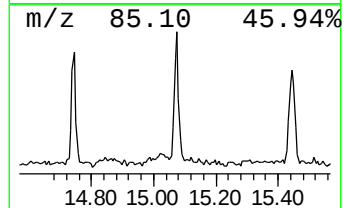
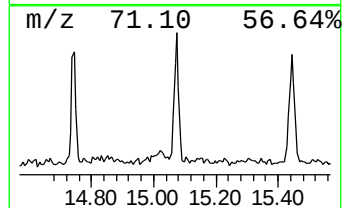
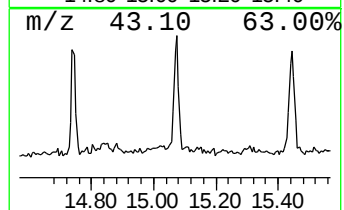
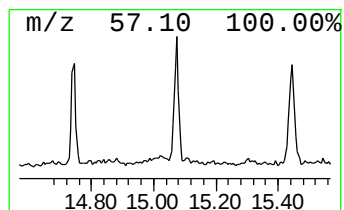
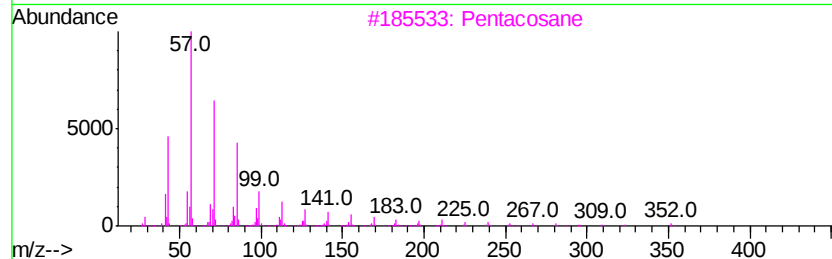
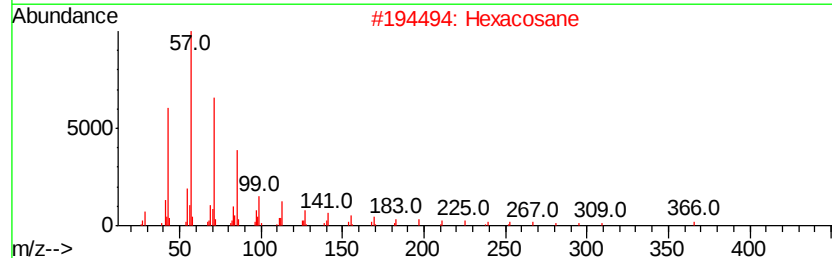
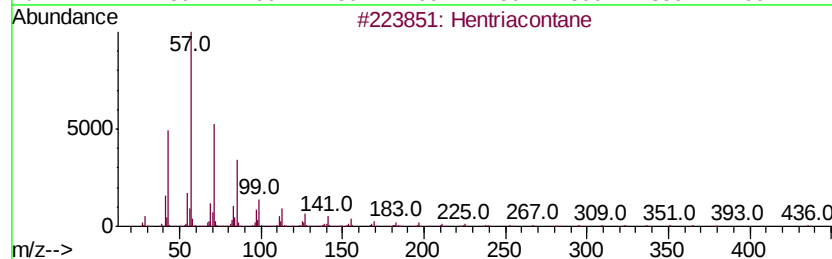
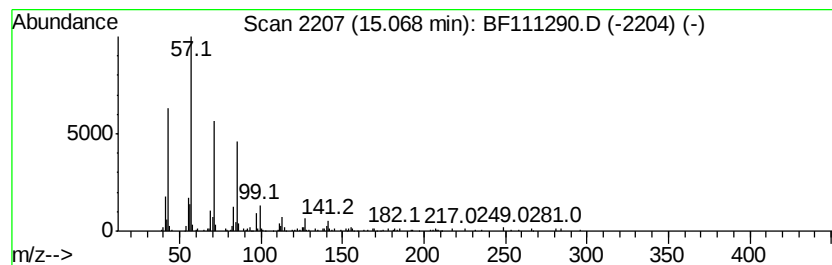
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.03 ng	200407	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	87
2	Hexacosane		366	C26H54	000630-01-3	87
3	Pentacosane		352	C25H52	000629-99-2	86
4	Octacosane		394	C28H58	000630-02-4	86
5	Tetracosane		338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111290.D
Acq On : 11 Dec 2018 21:46
Operator : JU/SJ
Sample : J6157-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

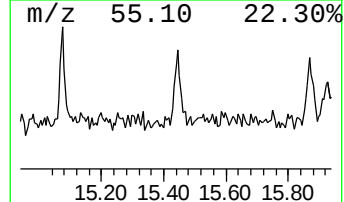
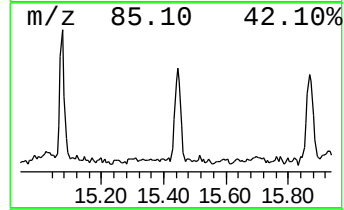
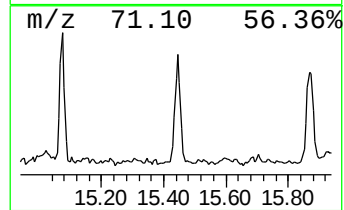
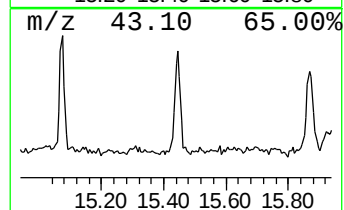
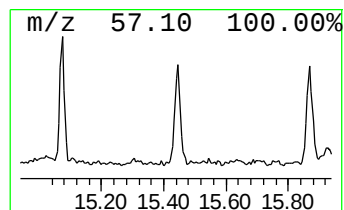
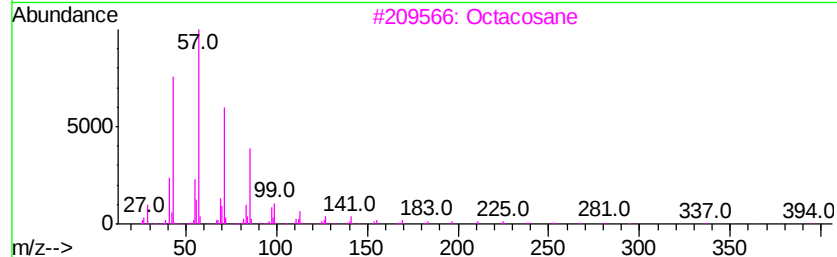
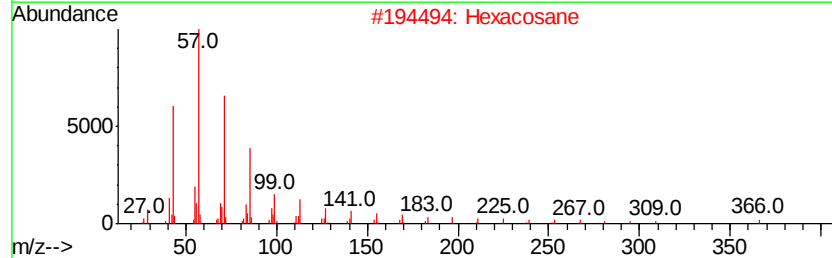
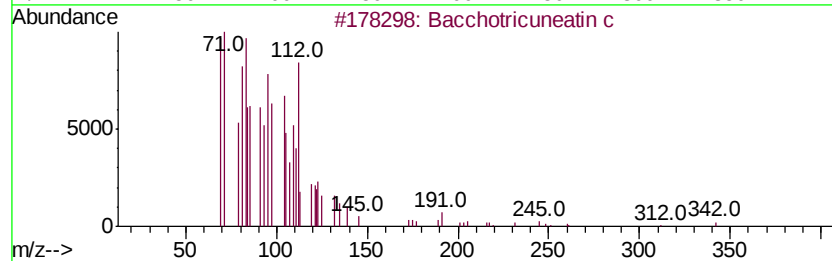
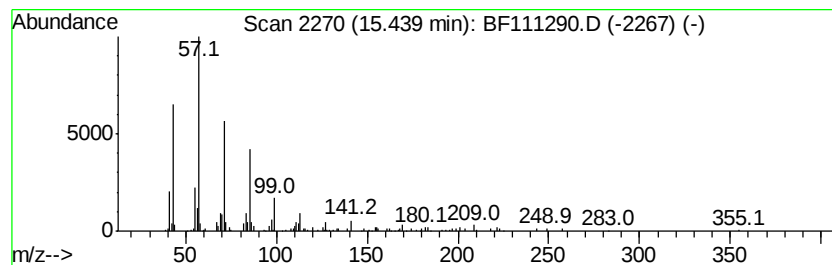
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.40 ng	224913	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		Hexacosane	366	C26H54	000630-01-3	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111290.D
Acq On : 11 Dec 2018 21:46
Operator : JU/SJ
Sample : J6157-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-DISSOLVED

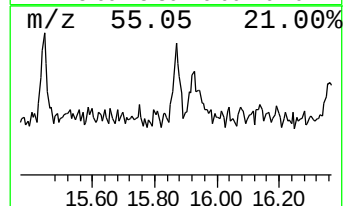
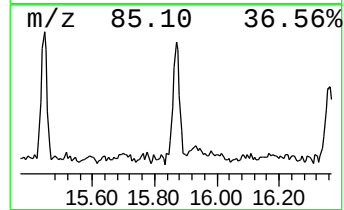
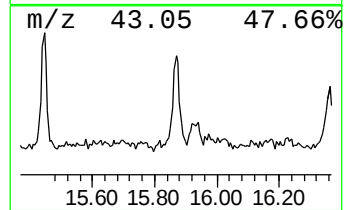
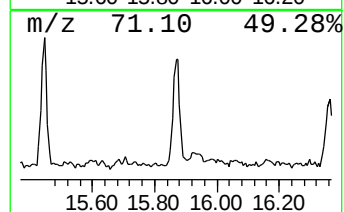
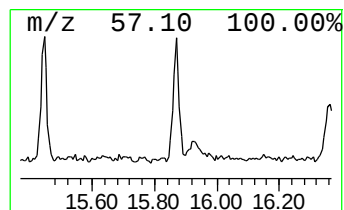
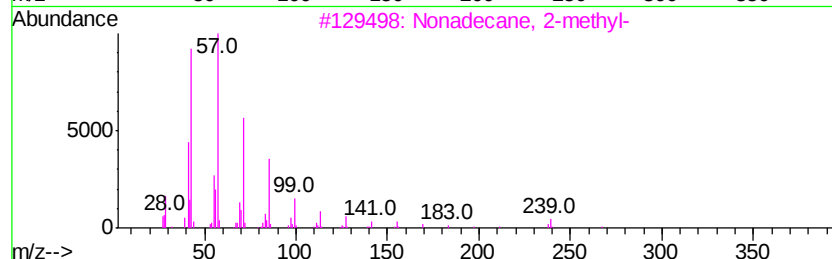
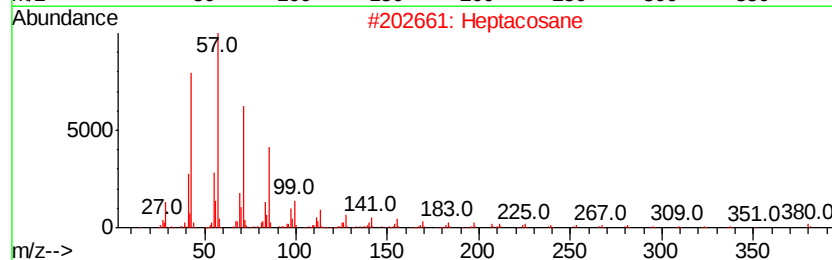
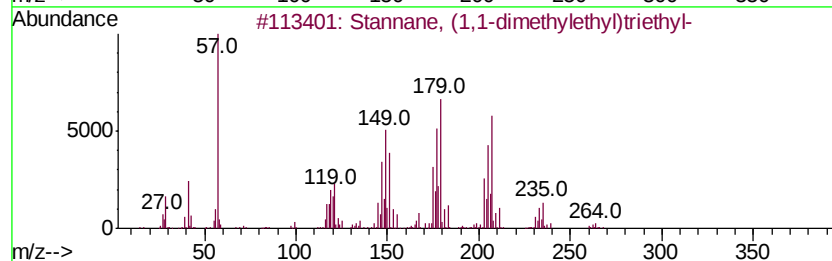
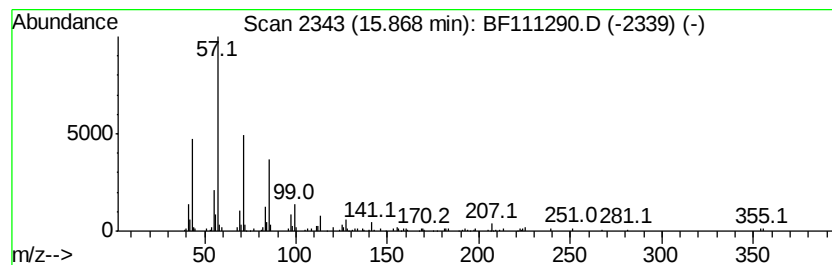
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Stannane, (1,1-dimethylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.92 ng	193084	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stannane, (1,1-dimethylethyl)tri...	264	C10H24Sn	035569-21-2	90
2		Heptacosane	380	C27H56	000593-49-7	76
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111290.D
 Acq On : 11 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6157-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
2-Pentanone, 4-hy...	4.98	3.4	ng	231411	1	6.79	1347240	20.0
unknown6.56	6.56	26.4	ng	1777530	1	6.79	1347240	20.0
n-Hexadecanoic acid	11.85	22.9	ng	2027830	4	11.32	1769260	20.0
Octadecanoic acid	12.64	16.4	ng	1448560	5	13.95	1769120	20.0
1-Docosene	13.81	7.6	ng	669076	5	13.95	1769120	20.0
Heptacosane	14.74	2.4	ng	157216	6	15.39	1324620	20.0
Hentriacontane	15.07	3.0	ng	200407	6	15.39	1324620	20.0
Bacchotricuneatin c	15.44	3.4	ng	224913	6	15.39	1324620	20.0
Stannane, (1,1-di...	15.87	2.9	ng	193084	6	15.39	1324620	20.0