

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111562.D
 Acq On : 18 Dec 2018 1:58
 Operator : JU/SJ
 Sample : J6403-45
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-B

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_F\METHODS\8270-BF121418.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	3.263	198	200	212	rBV3	33850	74810	1.98%	0.241%
2	5.004	491	496	506	rBV	168321	223045	5.92%	0.720%
3	5.428	563	568	571	rBV	3178159	3195460	84.79%	10.315%
4	6.439	735	740	757	rBV	3304251	3711035	98.47%	11.980%
5	6.563	757	761	765	rBV	3841573	3768857	100.00%	12.166%
6	6.787	796	799	803	rBV	1022856	823770	21.86%	2.659%
7	6.945	822	826	829	rBV	2892577	2421725	64.26%	7.818%
8	7.351	889	895	898	rBV	2106364	2038605	54.09%	6.581%
9	8.069	1013	1017	1033	rBV	1138615	1012487	26.86%	3.268%
10	9.145	1195	1200	1203	rBV	3283029	2920503	77.49%	9.428%
11	9.539	1263	1267	1276	rBV	305420	275401	7.31%	0.889%
12	9.822	1311	1315	1319	rBV	1110285	1003528	26.63%	3.240%
13	10.616	1445	1450	1453	rBV	1705936	1693881	44.94%	5.468%
14	11.310	1564	1568	1570	rBV	870278	825624	21.91%	2.665%
15	11.327	1570	1571	1575	rVV	224923	171412	4.55%	0.553%
16	11.380	1577	1580	1584	rVB	55016	50894	1.35%	0.164%
17	11.839	1655	1658	1663	rBV	257049	235283	6.24%	0.760%
18	11.921	1668	1672	1674	rBV2	50476	53516	1.42%	0.173%
19	12.357	1743	1746	1750	rBV2	40394	45745	1.21%	0.148%
20	12.398	1750	1753	1757	rVB3	32764	40521	1.08%	0.131%
21	12.521	1770	1774	1777	rBV	289642	287793	7.64%	0.929%
22	12.557	1777	1780	1783	rVV2	66067	61148	1.62%	0.197%
23	12.621	1787	1791	1798	rBV4	43282	77296	2.05%	0.250%
24	12.745	1806	1812	1815	rBV	326808	335274	8.90%	1.082%
25	12.892	1833	1837	1840	rBV	2203030	1861185	49.38%	6.008%
26	13.074	1866	1868	1871	rVB	51332	44421	1.18%	0.143%
27	13.139	1875	1879	1883	rVB3	37678	51159	1.36%	0.165%
28	13.180	1883	1886	1889	rBV	38653	40092	1.06%	0.129%
29	13.474	1930	1936	1939	rBV6	36786	52406	1.39%	0.169%
30	13.692	1969	1973	1976	rBV2	24280	39091	1.04%	0.126%
31	13.792	1986	1990	1999	rVB3	165914	224690	5.96%	0.725%
32	13.945	2008	2016	2019	rBV2	869116	975760	25.89%	3.150%
33	13.968	2019	2020	2029	rVB	165704	129498	3.44%	0.418%
34	14.115	2042	2045	2050	rBV2	83336	81023	2.15%	0.262%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.421	2094	2097	2100	rBV2	133075	125529	3.33%	0.405%
36	14.721	2144	2148	2151	rBV	146363	139989	3.71%	0.452%
37	14.792	2157	2160	2163	rBV3	43651	45719	1.21%	0.148%
38	14.968	2186	2190	2198	rVB	130500	253157	6.72%	0.817%
39	15.045	2200	2203	2206	rBV	152291	169056	4.49%	0.546%
40	15.262	2236	2240	2246	rVB	89796	130148	3.45%	0.420%
41	15.321	2246	2250	2256	rBV	115739	160721	4.26%	0.519%
42	15.386	2256	2261	2264	rVV	467767	611043	16.21%	1.973%
43	15.415	2264	2266	2274	rVB2	178819	210274	5.58%	0.679%
44	15.839	2334	2338	2342	rVB	94926	132449	3.51%	0.428%
45	16.327	2418	2421	2425	rVB2	49187	69868	1.85%	0.226%
46	16.798	2497	2501	2510	rVB2	43816	82730	2.20%	0.267%

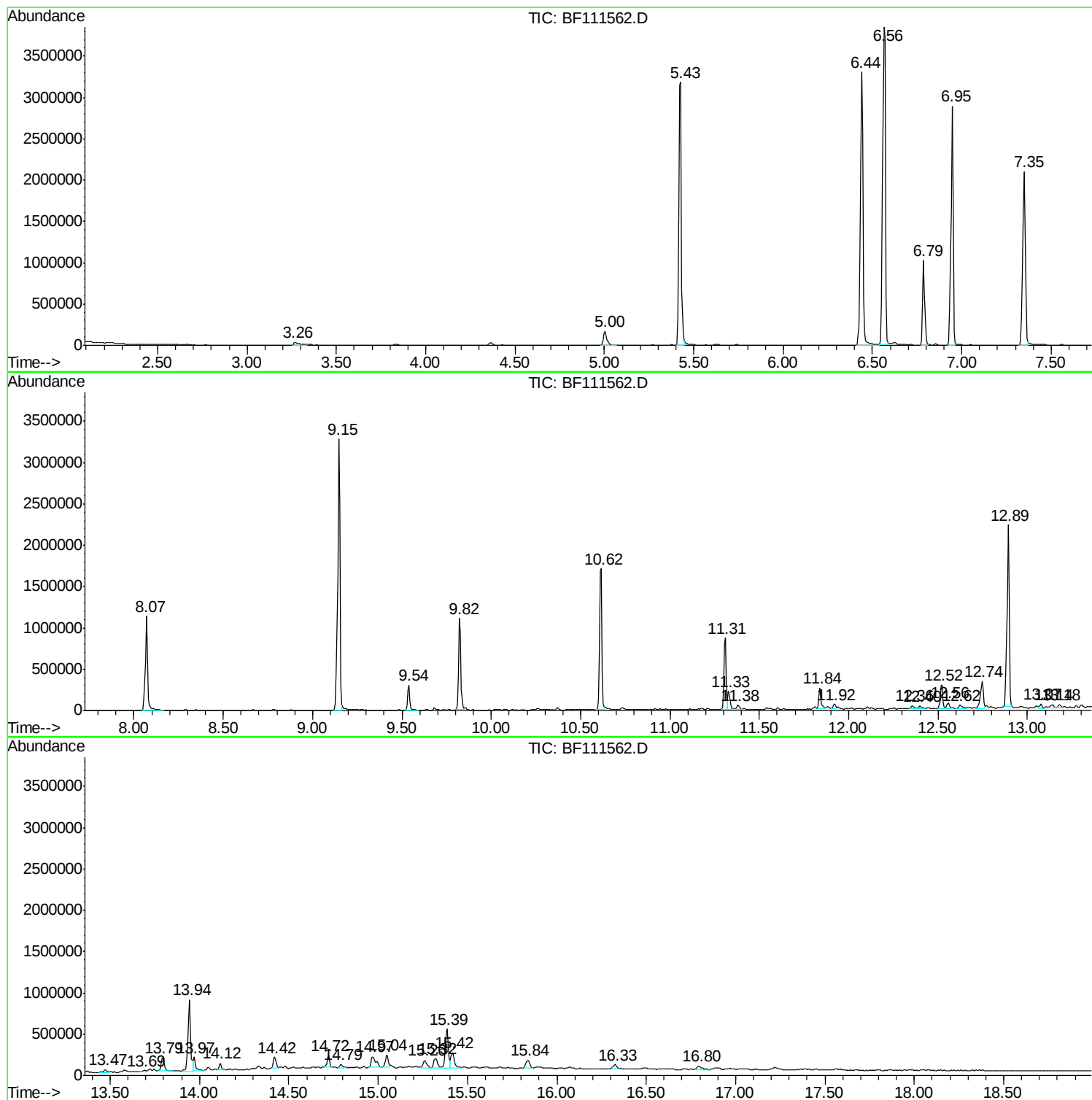
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ClientSampled :
TP-6-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.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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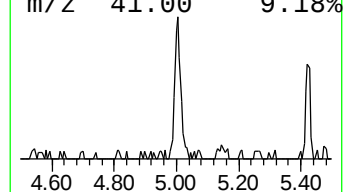
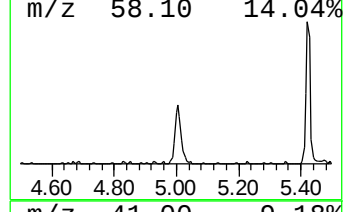
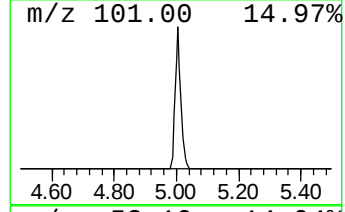
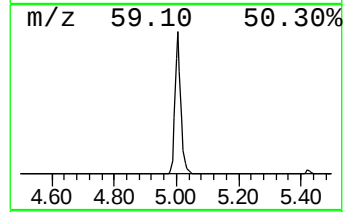
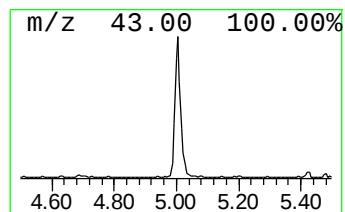
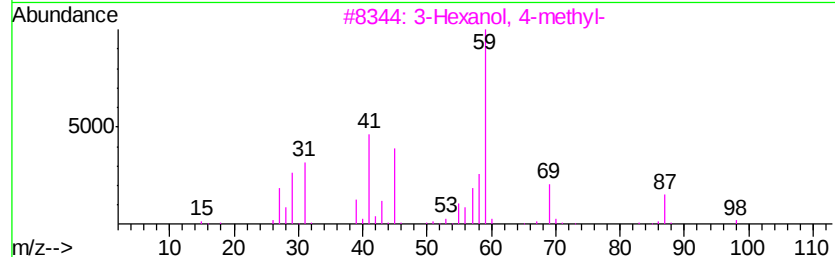
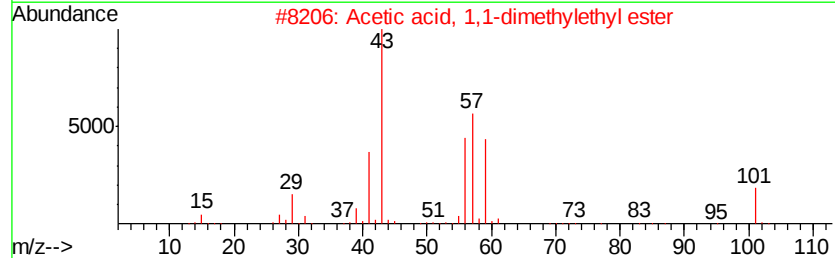
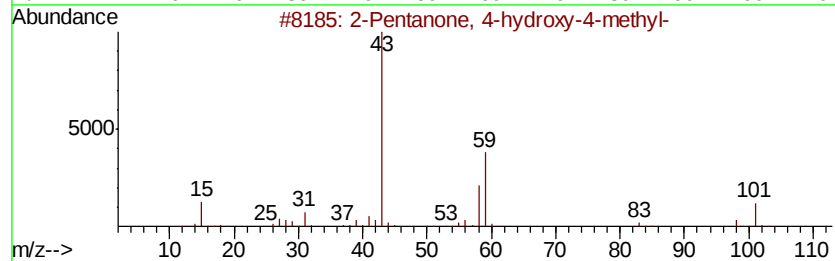
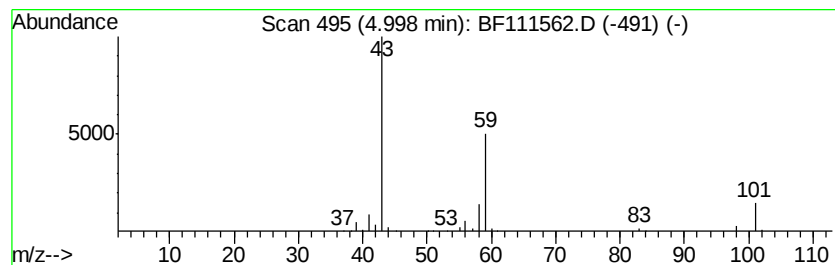
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.42 ng	223045	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	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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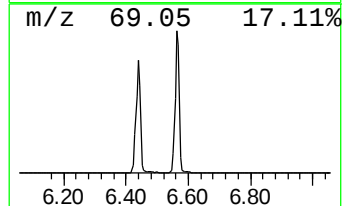
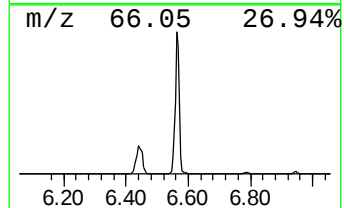
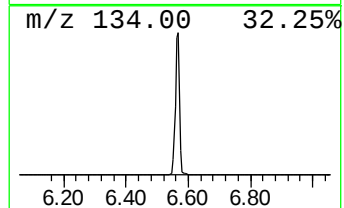
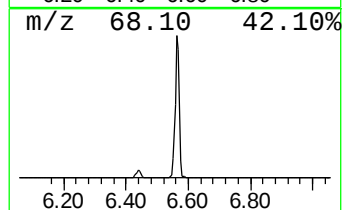
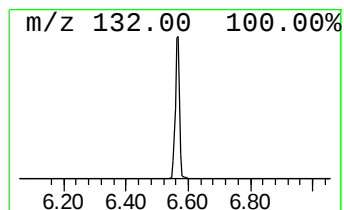
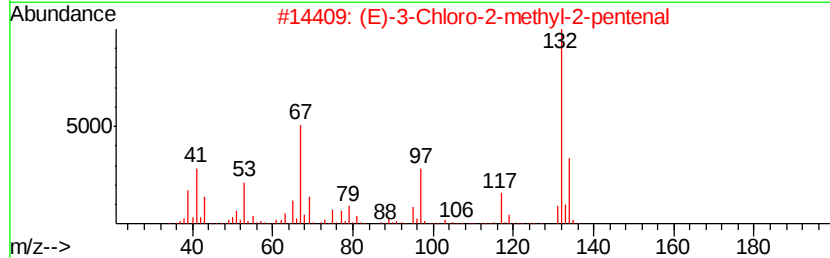
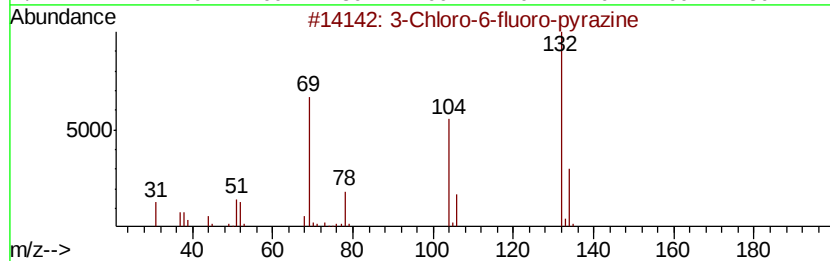
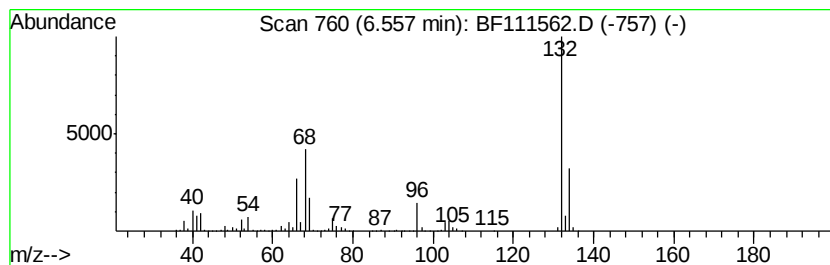
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	91.50 ng	3768860	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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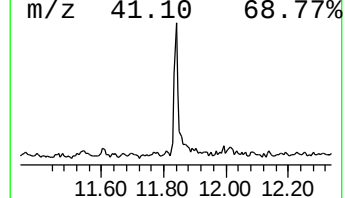
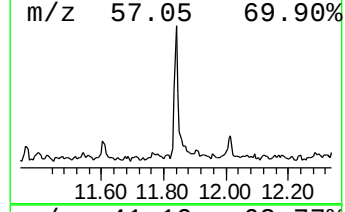
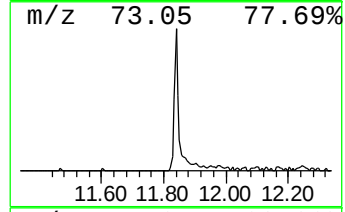
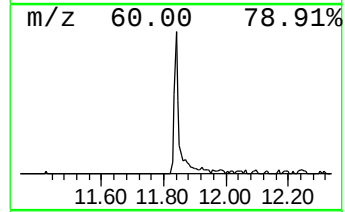
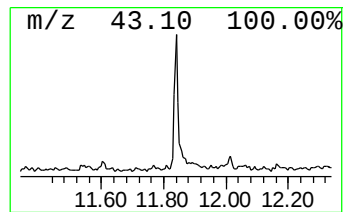
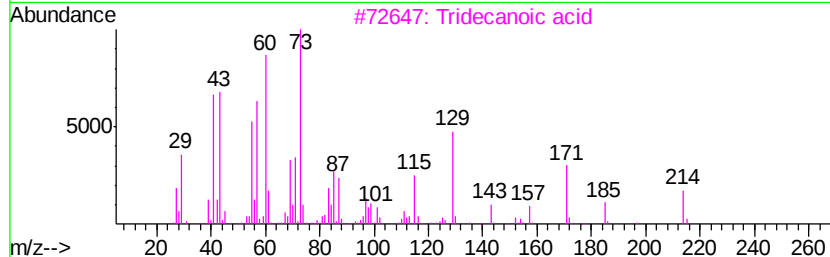
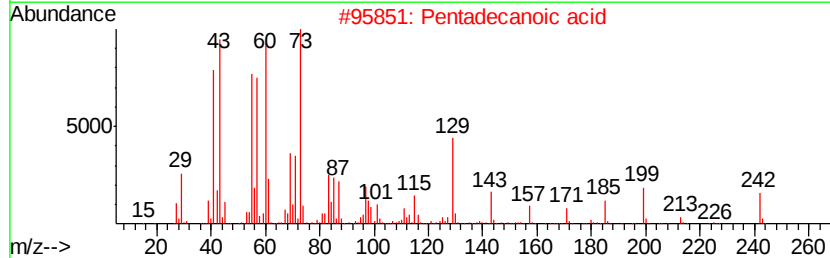
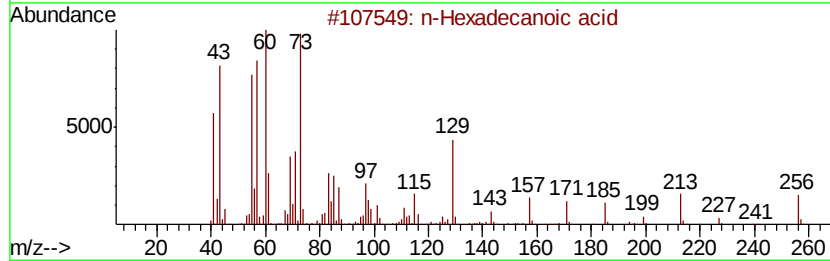
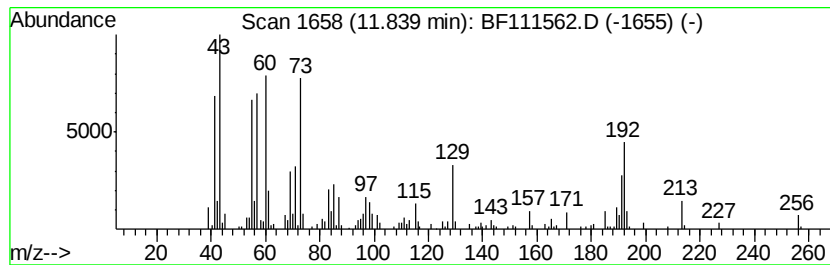
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.70 ng	235283	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		Undecanoic acid	186	C11H22O2	000112-37-8	47
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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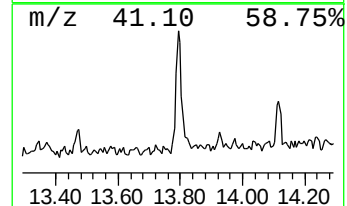
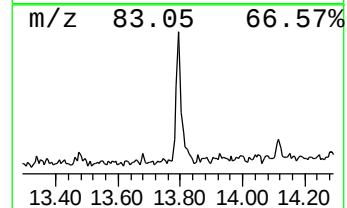
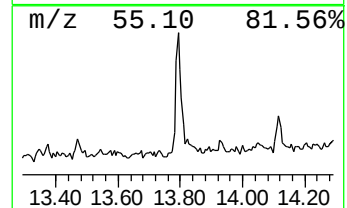
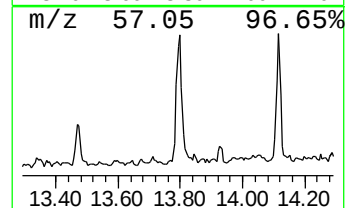
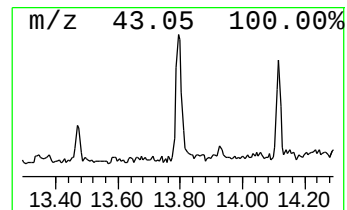
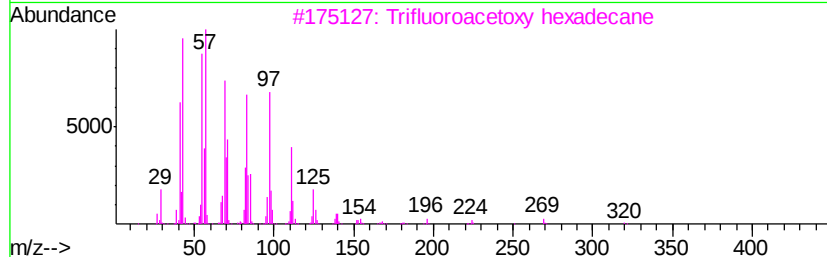
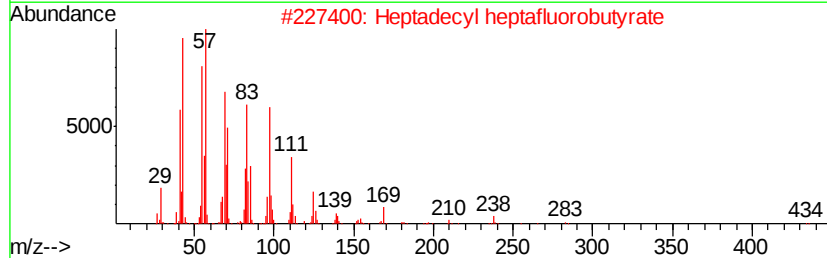
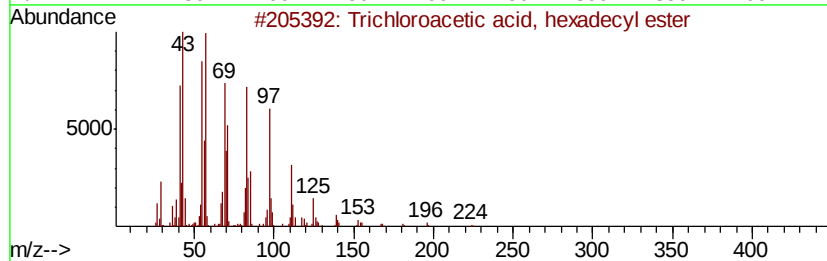
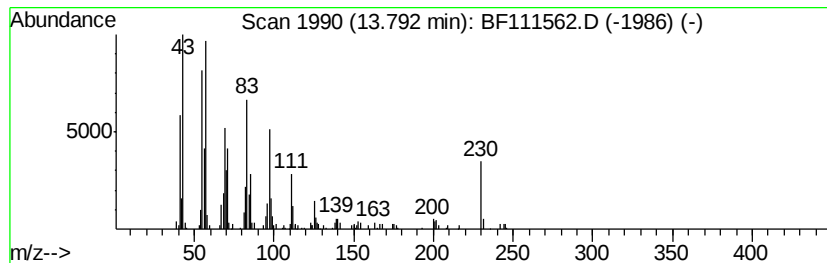
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.61 ng	224690	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



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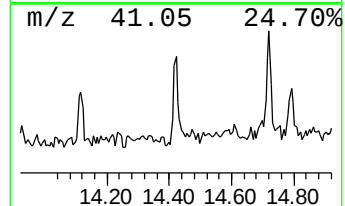
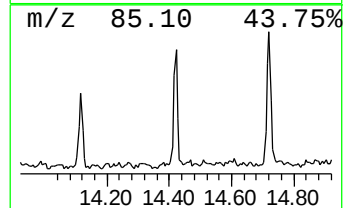
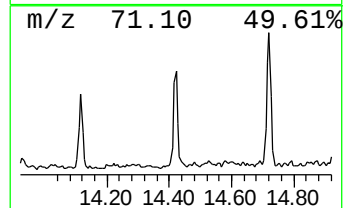
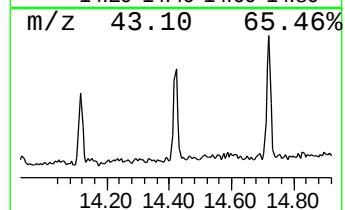
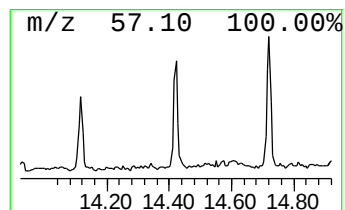
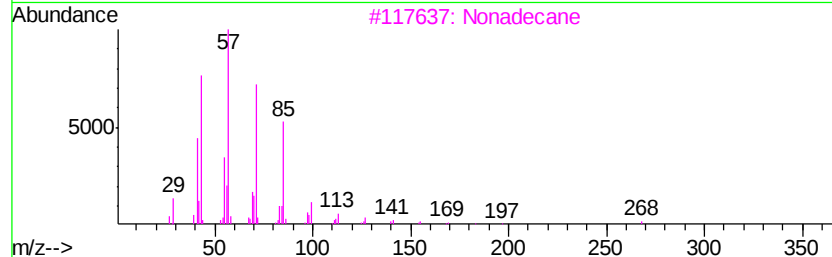
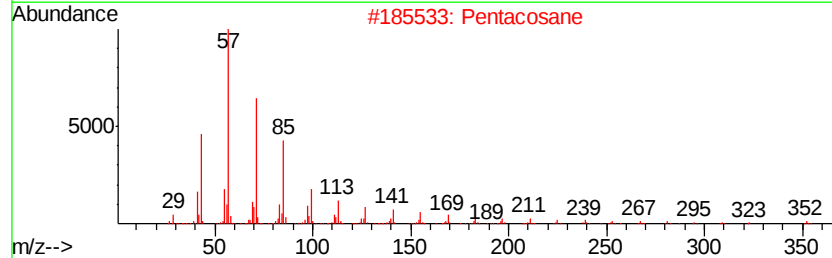
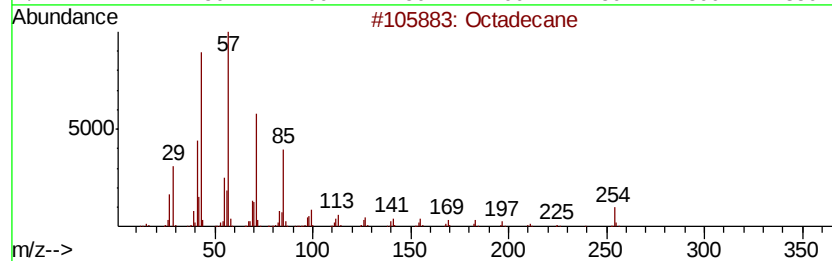
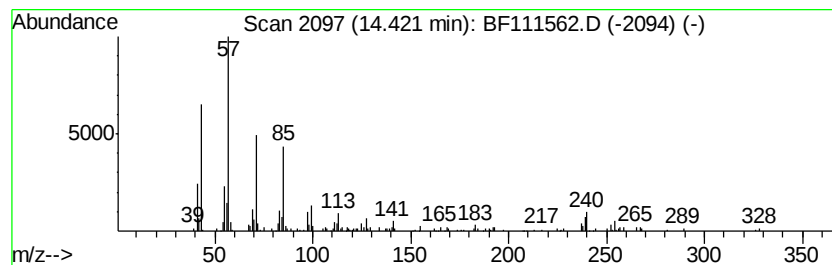
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.57 ng	125529	Chrysene-d12	13.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	87
2	Pentacosane		352	C25H52	000629-99-2	87
3	Nonadecane		268	C19H40	000629-92-5	86
4	Octacosane		394	C28H58	000630-02-4	83
5	Hentriacontane		437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-B

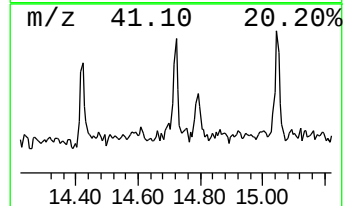
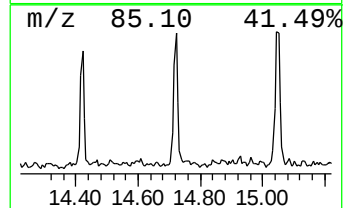
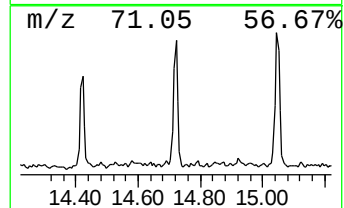
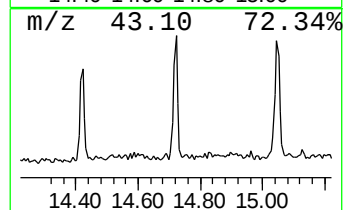
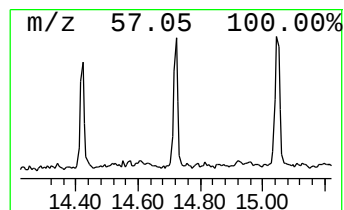
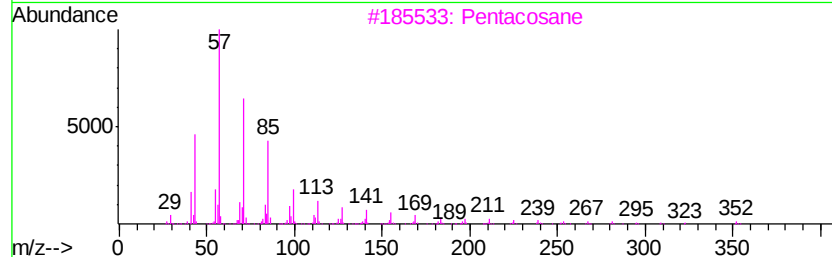
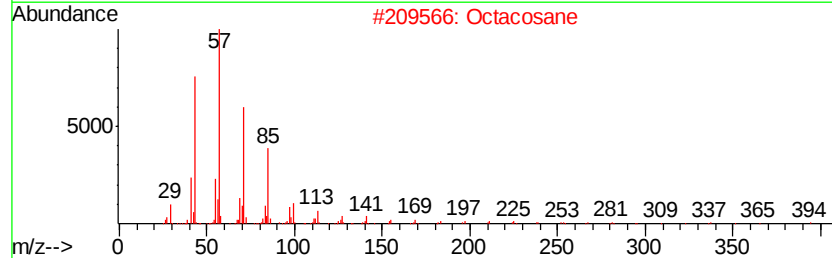
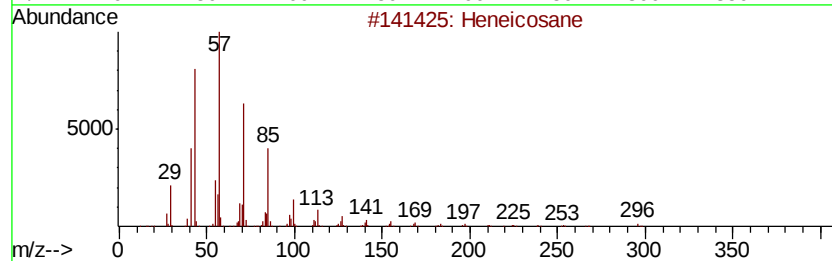
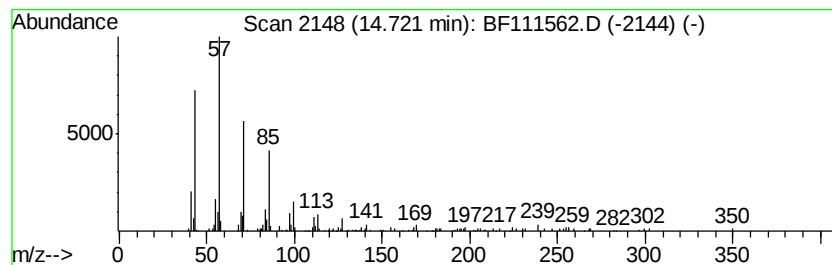
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.58 ng	139989	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hentriacontane	437	C31H64	000630-04-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
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Sample : J6403-45
Misc :
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ClientSampleId :
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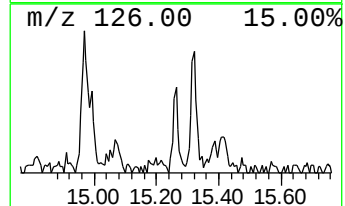
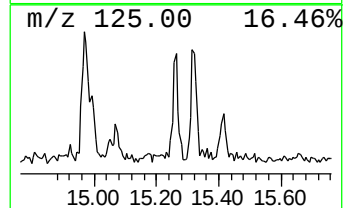
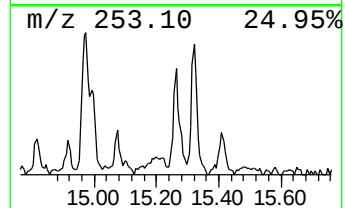
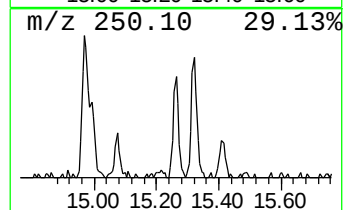
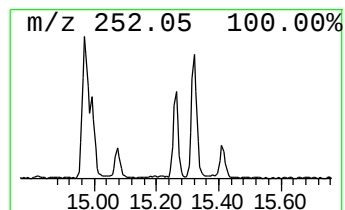
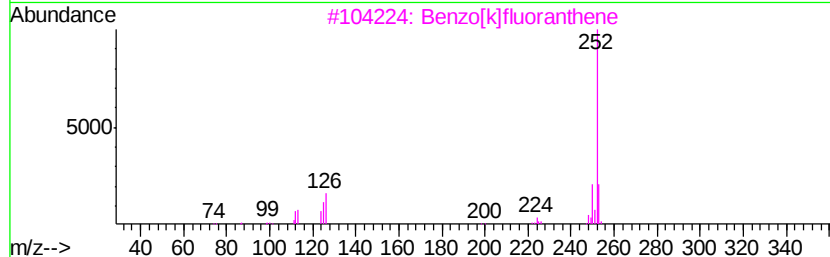
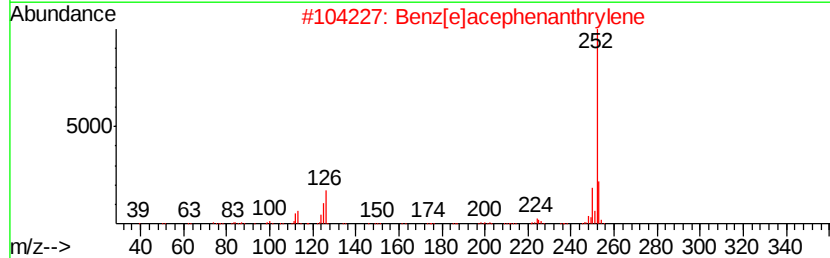
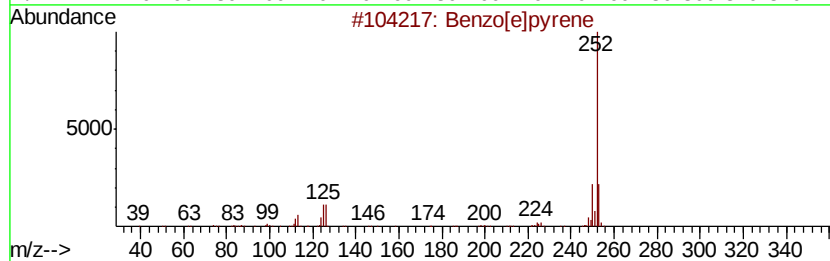
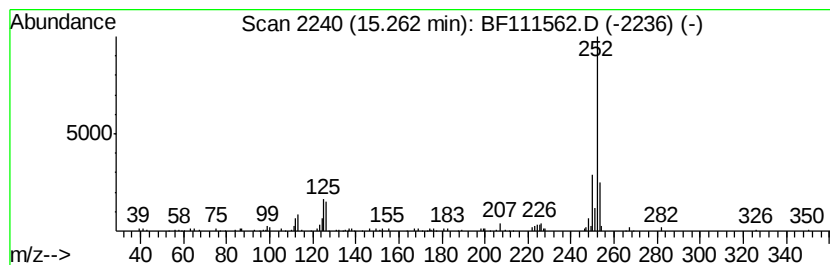
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.26 ng	130148	Perylene-d12	15.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-B

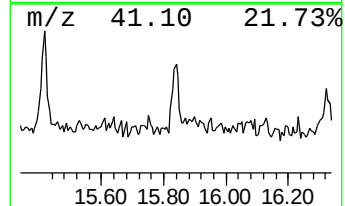
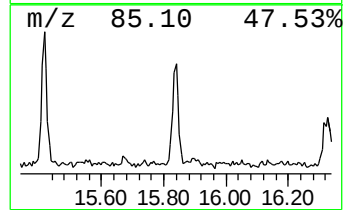
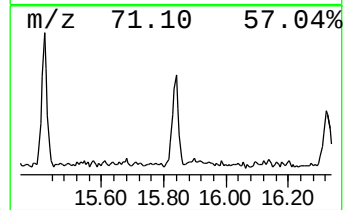
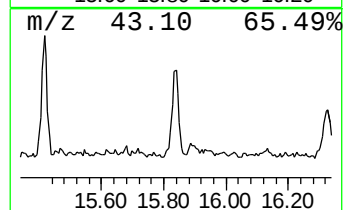
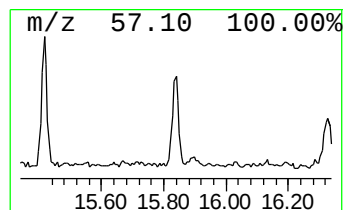
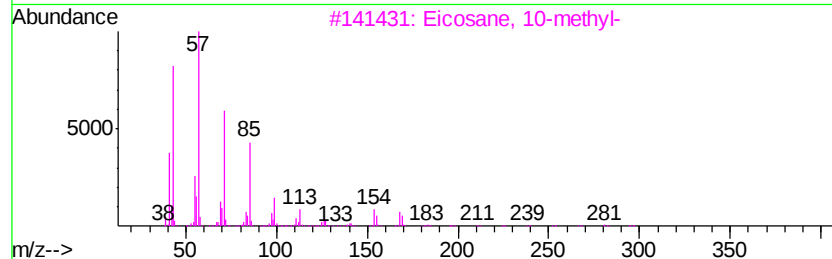
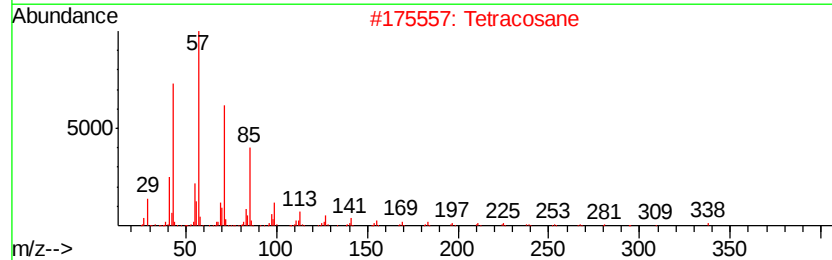
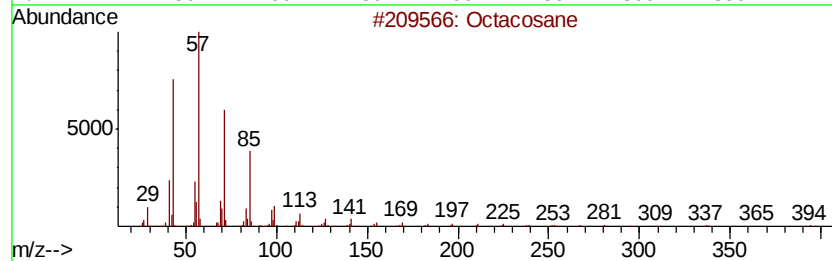
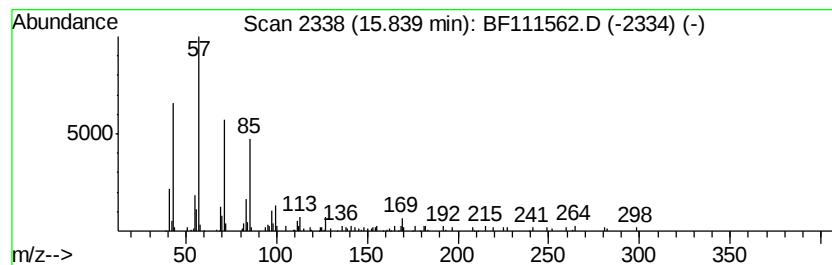
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.34 ng	132449	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	87
2			Tetracosane	338	C24H50	000646-31-1	86
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4			Eicosane	282	C20H42	000112-95-8	83
5			Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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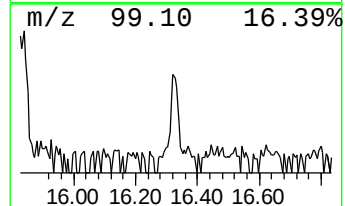
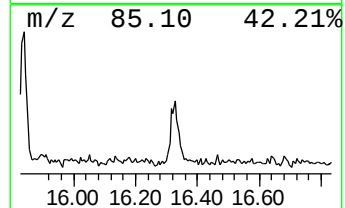
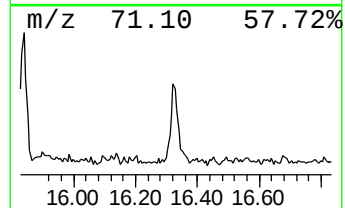
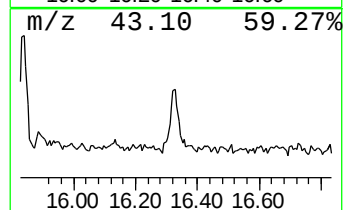
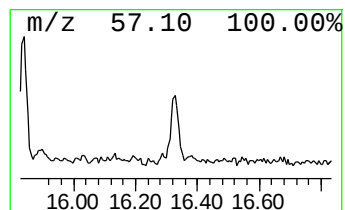
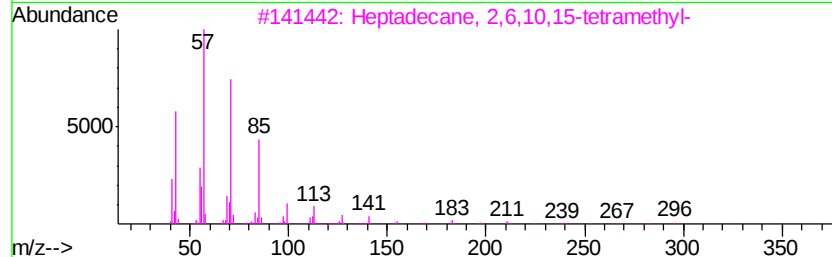
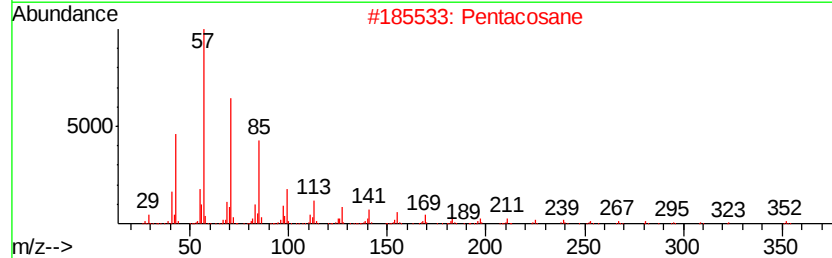
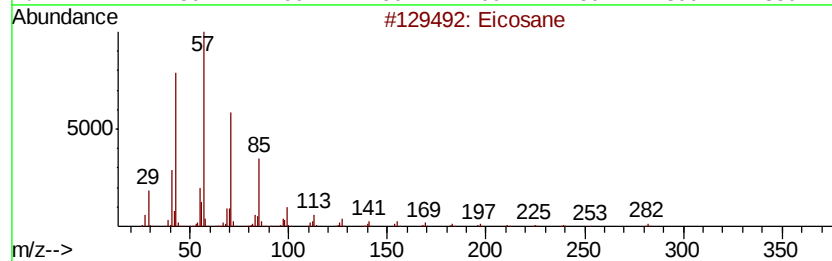
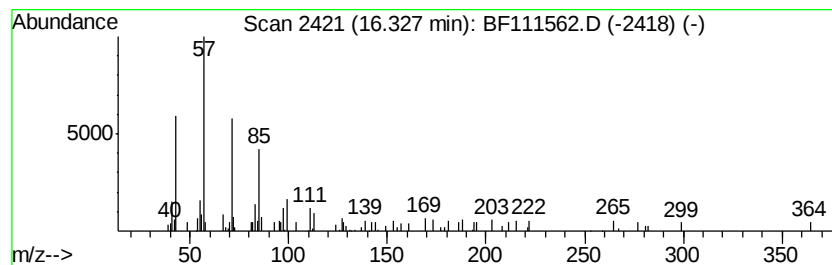
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.29 ng	69868	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	62
2	Pentacosane	352 C25H52	000629-99-2	58
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	53
4	Hentriacontane	437 C31H64	000630-04-6	53
5	Octadecane	254 C18H38	000593-45-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-6-B

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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...	5.00	5.4	ng	223045	1	6.79	823770	20.0
unknown6.56	6.56	91.5	ng	3768860	1	6.79	823770	20.0
n-Hexadecanoic acid	11.84	5.7	ng	235283	4	11.31	825624	20.0
Trichloroacetic a...	13.79	4.6	ng	224690	5	13.94	975760	20.0
Octadecane	14.42	2.6	ng	125529	5	13.94	975760	20.0
Heneicosane	14.72	4.6	ng	139989	6	15.39	611043	20.0
Benzo[e]pyrene	15.26	4.3	ng	130148	6	15.39	611043	20.0
Octacosane	15.84	4.3	ng	132449	6	15.39	611043	20.0
Eicosane	16.33	2.3	ng	69868	6	15.39	611043	20.0