

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111192.D
 Acq On : 7 Dec 2018 17:42
 Operator : JU/SJ
 Sample : J6214-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

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-BF120518.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	3.228	190	194	208	rBV	222174	464750	3.83%	0.410%
2	5.022	490	499	506	rBV	530630	802446	6.62%	0.709%
3	5.428	562	568	571	rBV	9602965	10665639	87.94%	9.418%
4	6.439	733	740	744	rBV	10219356	12127868	100.00%	10.709%
5	6.575	758	763	766	rBV	10828361	11155822	91.99%	9.850%
6	6.804	798	802	806	rBV	3135841	2424141	19.99%	2.140%
7	6.869	810	813	822	rBV2	133597	174781	1.44%	0.154%
8	6.963	825	829	832	rVV	9582642	8553979	70.53%	7.553%
9	7.369	892	898	900	rBV	7056057	7838899	64.64%	6.922%
10	8.086	1016	1020	1023	rBV	3875264	3178297	26.21%	2.806%
11	9.163	1198	1203	1207	rBV	10994271	10890491	89.80%	9.616%
12	9.557	1266	1270	1273	rBV	2520975	2062707	17.01%	1.821%
13	9.839	1314	1318	1322	rVB2	4091158	3503108	28.88%	3.093%
14	10.627	1446	1452	1455	rBV	7471144	7186958	59.26%	6.346%
15	11.321	1566	1570	1572	rBV	4210139	3517072	29.00%	3.106%
16	11.345	1572	1574	1577	rVV	394794	300866	2.48%	0.266%
17	11.392	1577	1582	1585	rVB4	131281	144148	1.19%	0.127%
18	11.863	1656	1662	1671	rBV	3783466	3850359	31.75%	3.400%
19	12.421	1752	1757	1760	rBV2	127212	137755	1.14%	0.122%
20	12.527	1772	1775	1779	rBV	526885	582221	4.80%	0.514%
21	12.645	1790	1795	1806	rBV	3250507	3255821	26.85%	2.875%
22	12.757	1809	1814	1818	rVV	470021	485027	4.00%	0.428%
23	12.910	1835	1840	1843	rBV	9346324	8853729	73.00%	7.818%
24	13.151	1878	1881	1884	rVB	317870	267557	2.21%	0.236%
25	13.492	1936	1939	1945	rVB	424571	399984	3.30%	0.353%
26	13.821	1991	1995	2003	rVB	874131	986076	8.13%	0.871%
27	13.957	2013	2018	2021	rBV	3329367	3067187	25.29%	2.708%
28	14.139	2046	2049	2053	rBV	723588	600228	4.95%	0.530%
29	14.451	2099	2102	2109	rBV	697584	648642	5.35%	0.573%
30	14.756	2151	2154	2157	rBV	650962	587813	4.85%	0.519%
31	14.986	2190	2193	2197	rBV	137442	212945	1.76%	0.188%
32	15.092	2207	2211	2217	rVB2	525164	589601	4.86%	0.521%
33	15.339	2250	2253	2257	rVB	123658	130203	1.07%	0.115%
34	15.403	2259	2264	2268	rVV2	2025101	2497785	20.60%	2.205%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.462	2270	2274	2281	rVB	381794	505611	4.17%	0.446%
36	15.886	2342	2346	2351	rBV	271546	385878	3.18%	0.341%
37	16.380	2427	2430	2435	rVB2	150974	216157	1.78%	0.191%

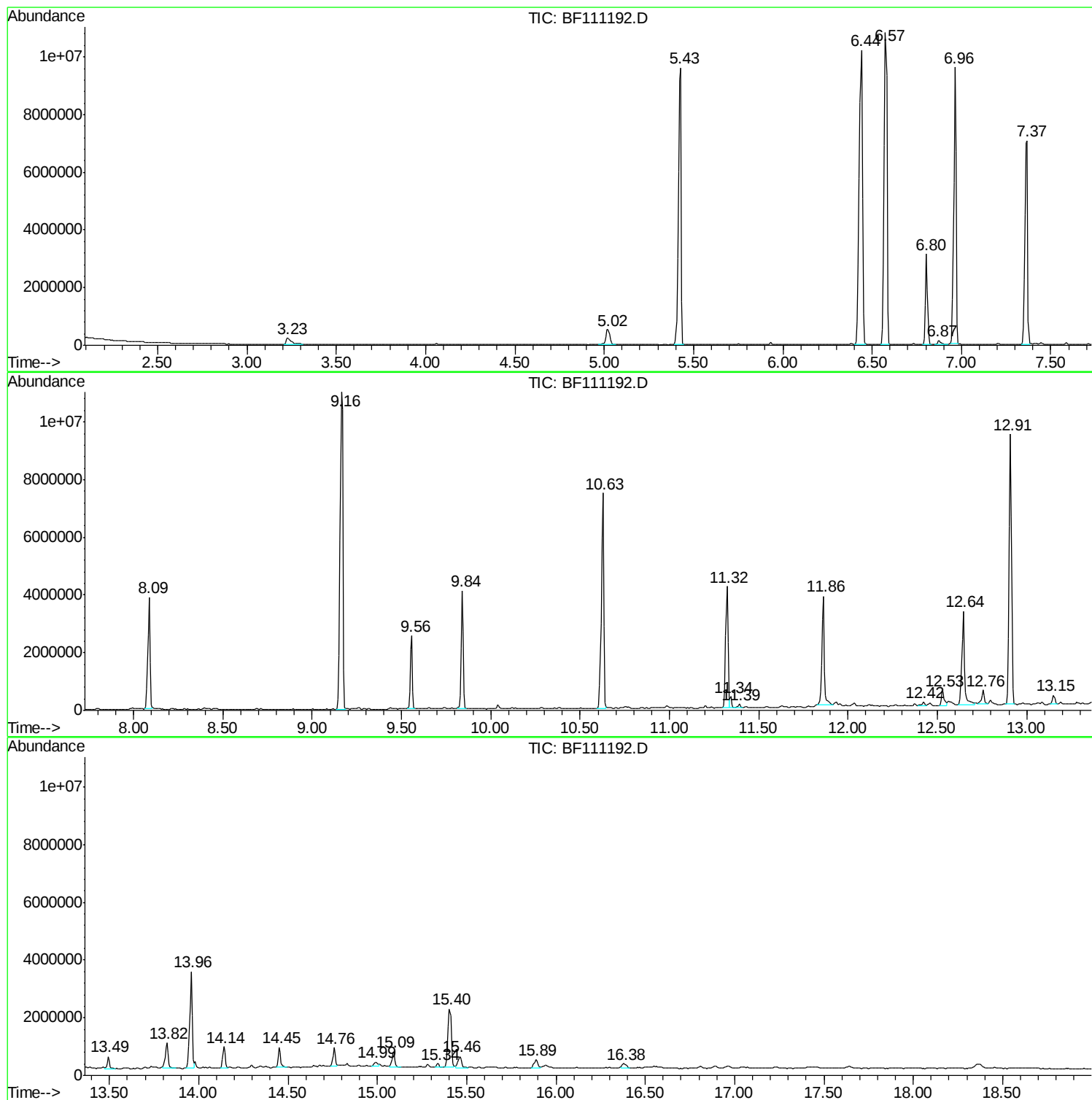
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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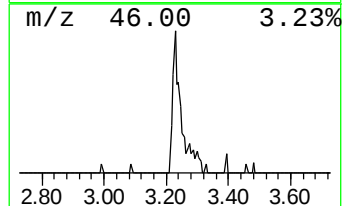
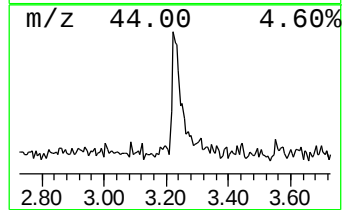
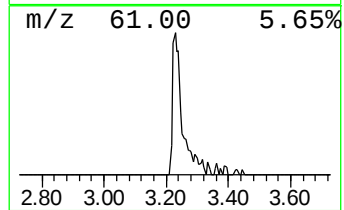
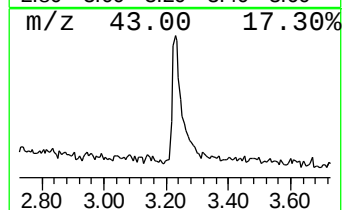
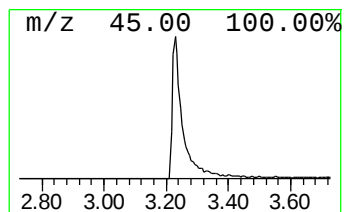
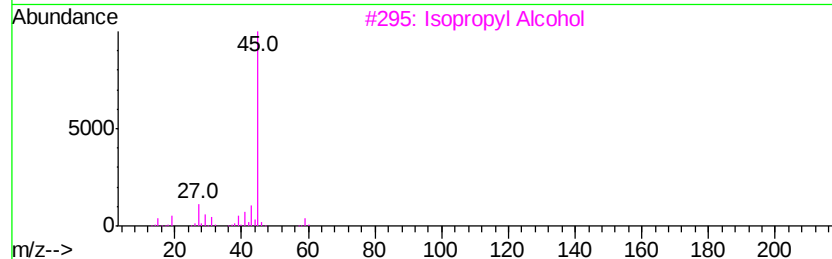
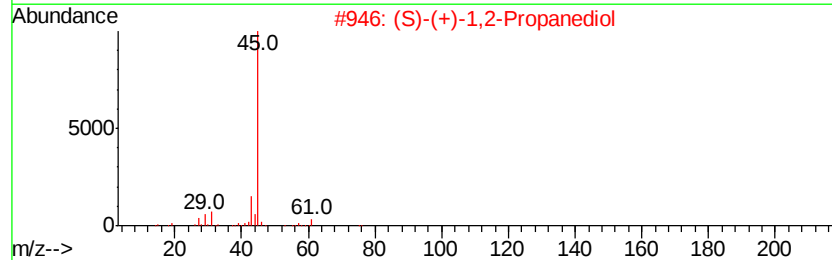
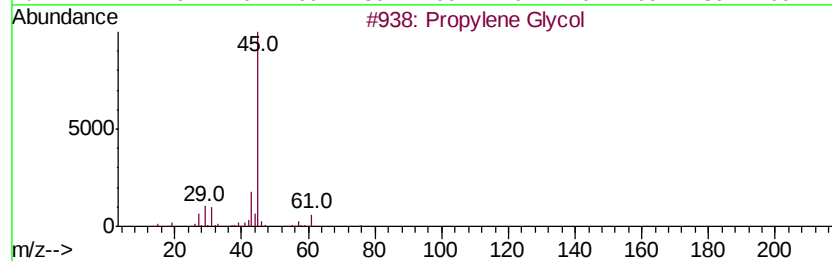
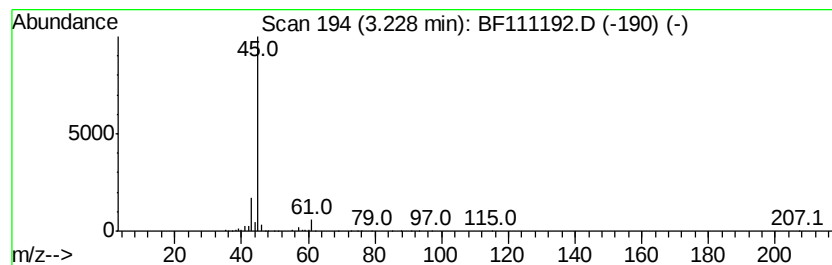
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	3.83 ng	464750	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	78
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		Paraldehyde	132	C6H12O3	000123-63-7	9
5		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9



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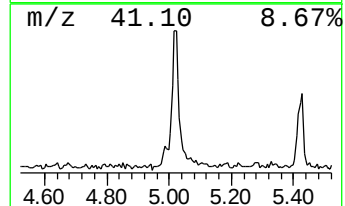
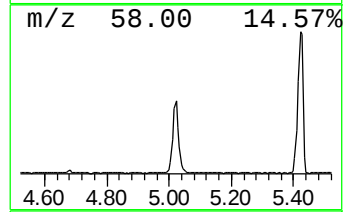
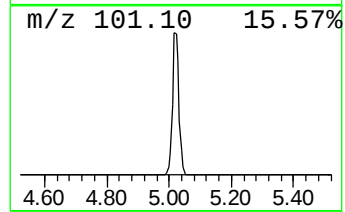
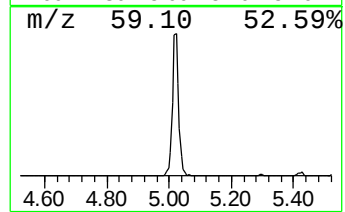
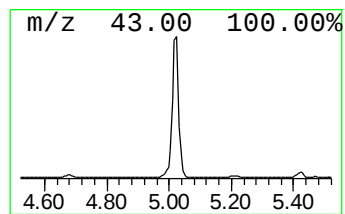
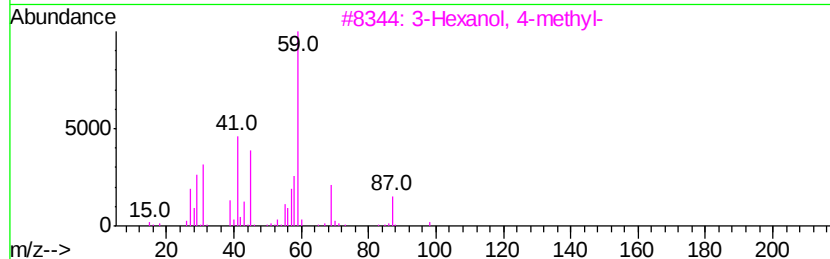
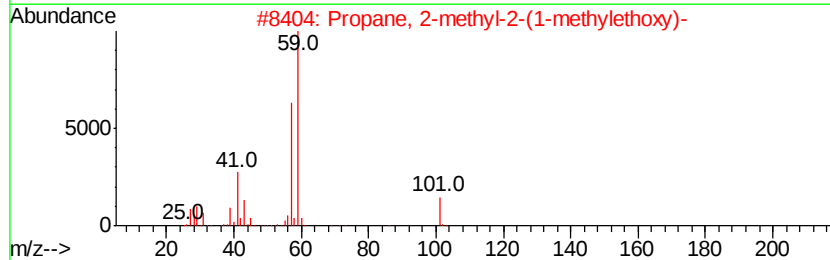
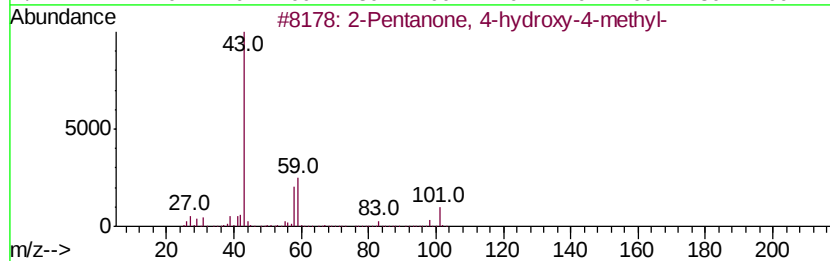
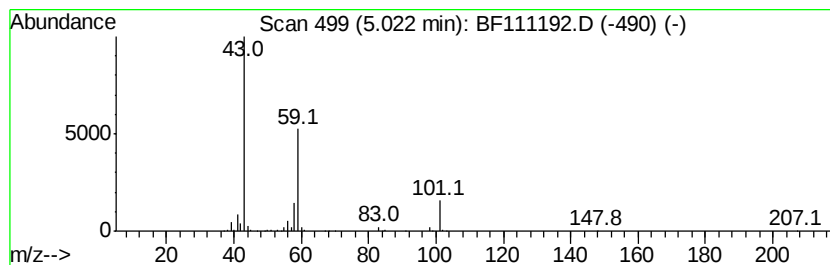
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	6.62 ng	802446	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Hexanol	102	C6H14O	000623-37-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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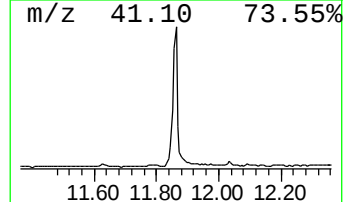
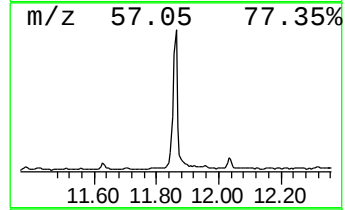
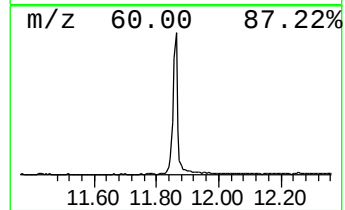
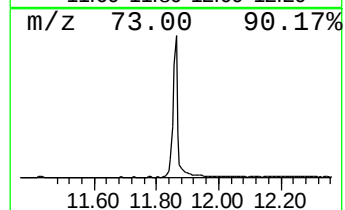
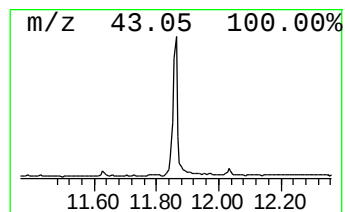
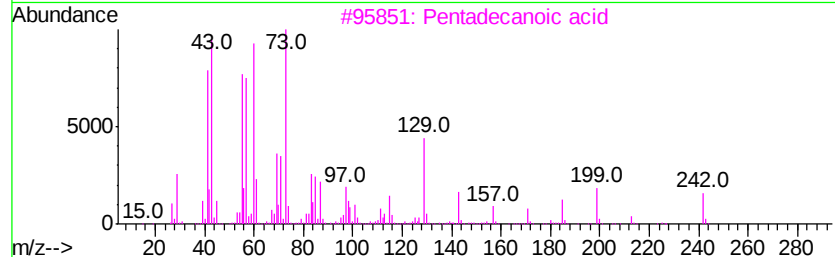
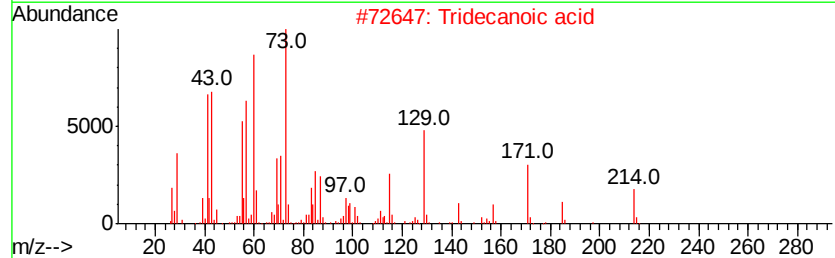
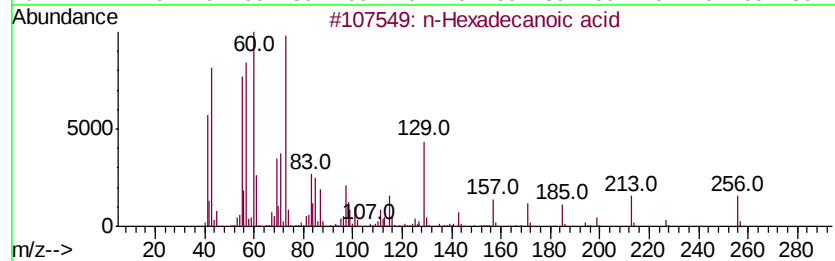
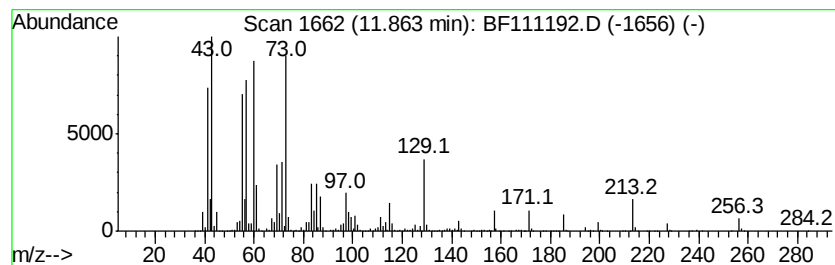
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	21.90 ng	3850360	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Undecanoic acid	186	C11H22O2	000112-37-8	62



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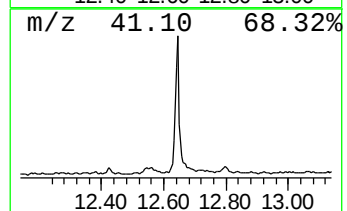
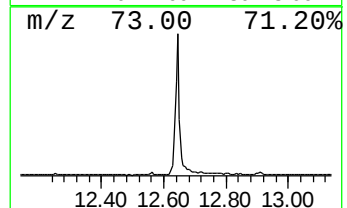
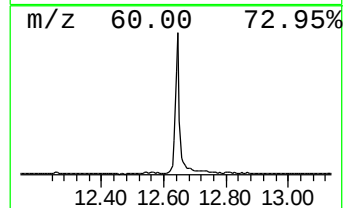
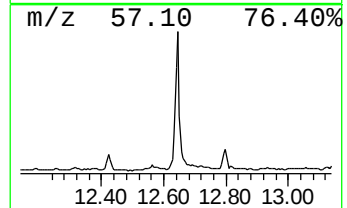
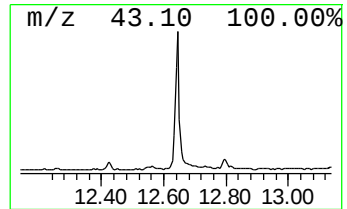
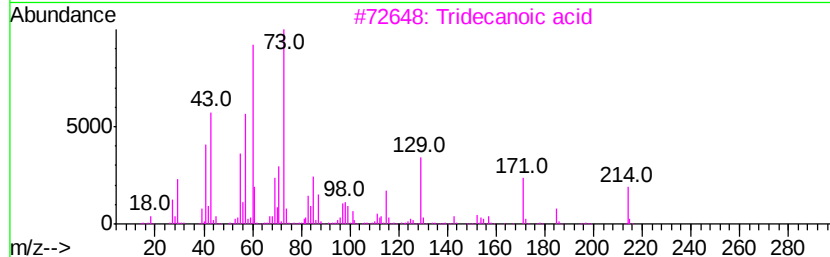
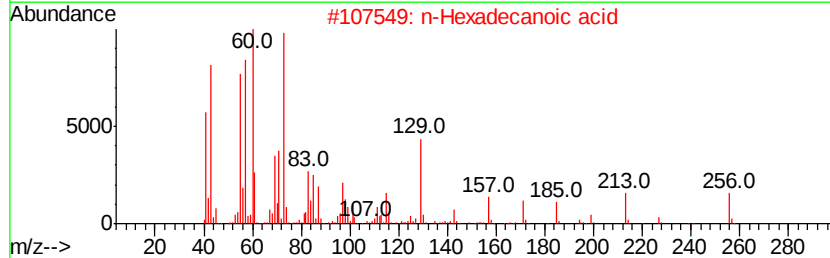
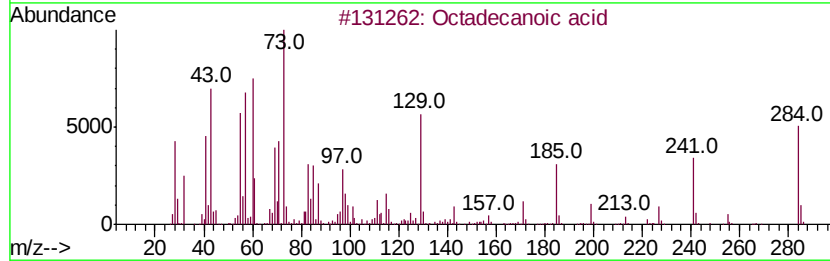
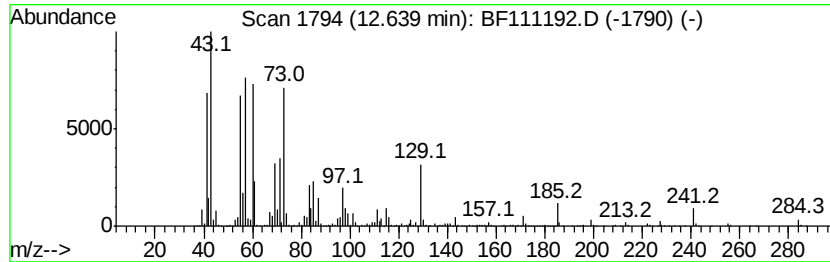
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	21.23 ng	3255820	Chrysene-d12	13.96

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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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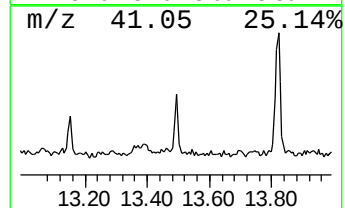
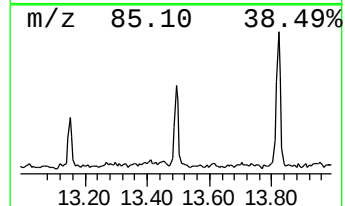
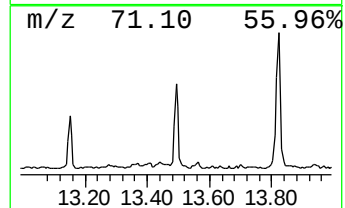
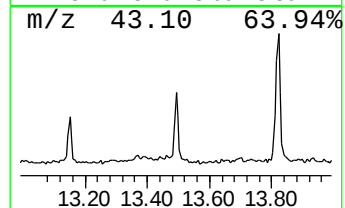
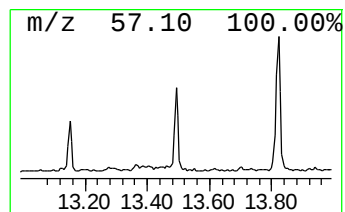
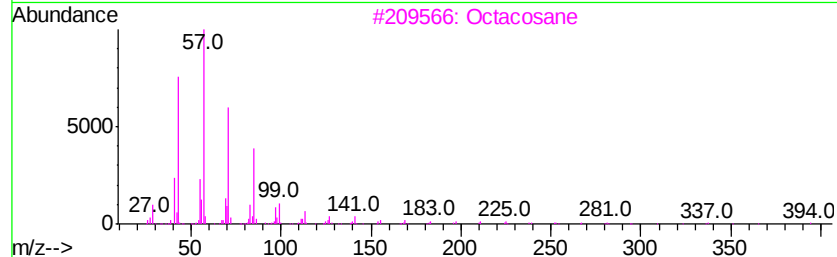
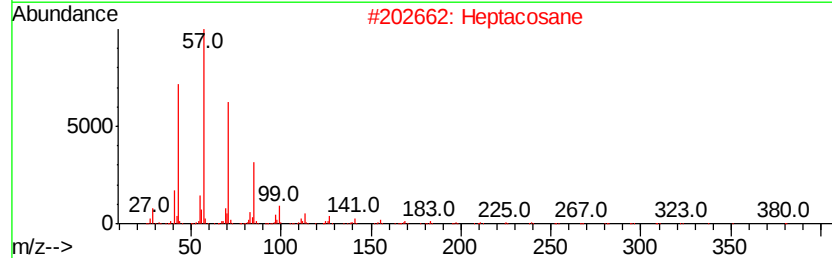
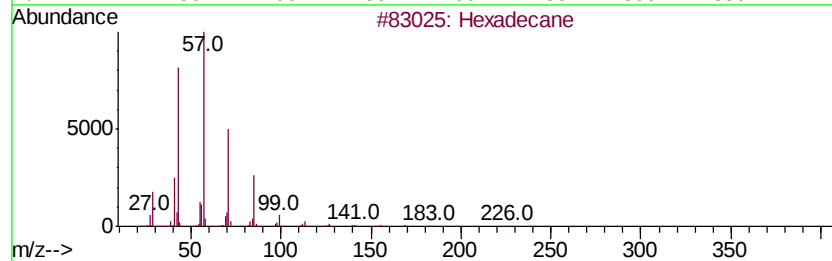
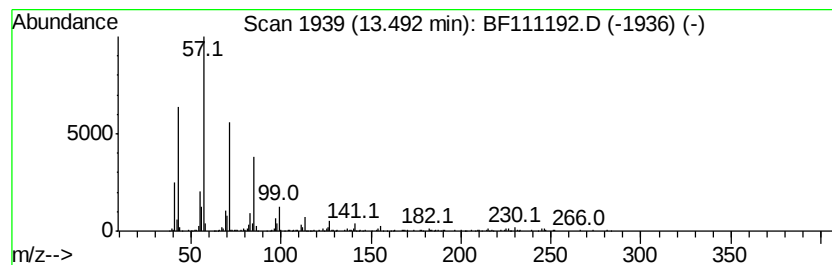
Instrument :
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Peak Number 7 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.61 ng	399984	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Heptacosane	380 C27H56	000593-49-7	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Tetracosane	338 C24H50	000646-31-1	91
5	Eicosane	282 C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111192.D
Acq On : 7 Dec 2018 17:42
Operator : JU/SJ
Sample : J6214-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

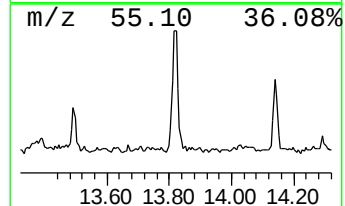
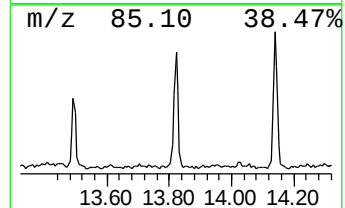
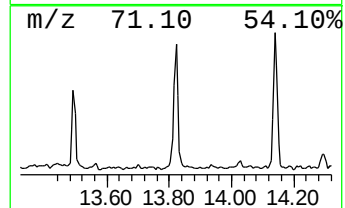
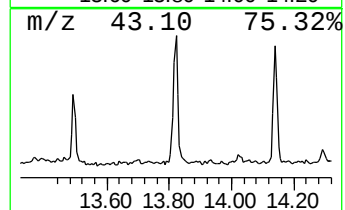
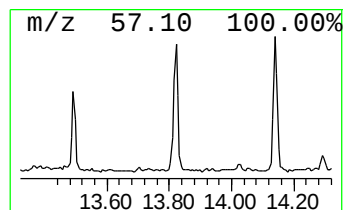
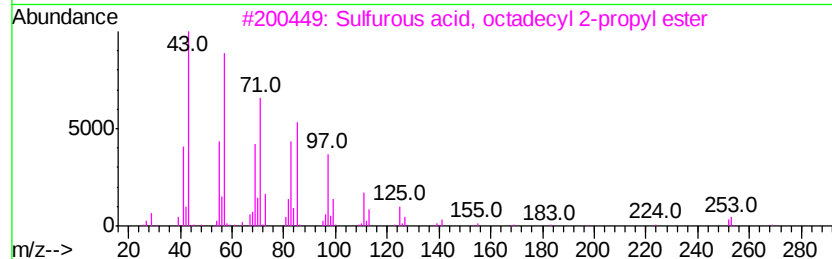
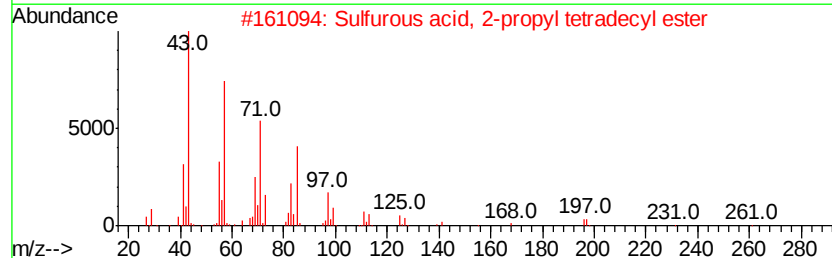
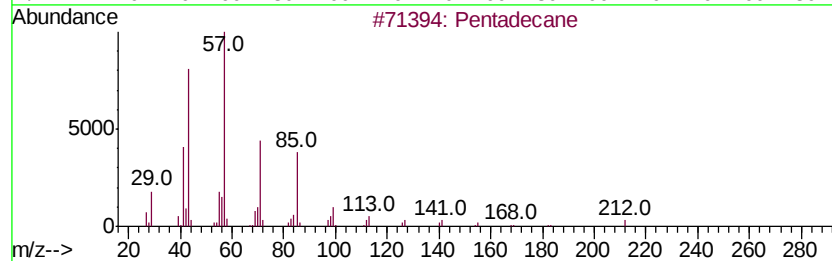
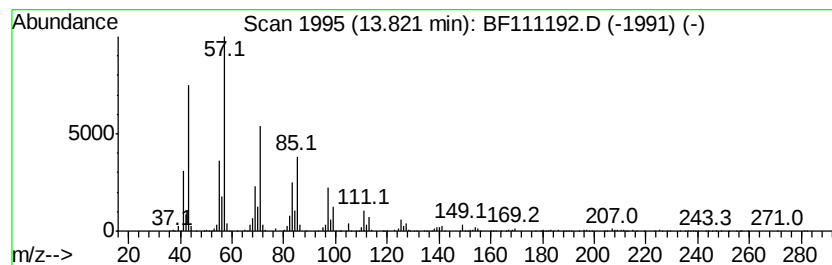
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ClientSampleId :
SB-8(13-15)

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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 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.43 ng	986076	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	93
2	Sulfurous acid, 2-propyl tetradec...	320 C17H36O3S	1000309-12-5	91
3	Sulfurous acid, octadecyl 2-prop...	376 C21H44O3S	1000309-12-7	90
4	Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4	83
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111192.D
Acq On : 7 Dec 2018 17:42
Operator : JU/SJ
Sample : J6214-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8(13-15)

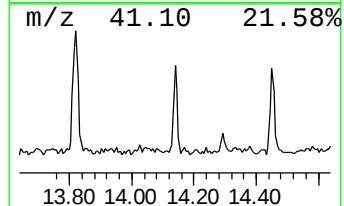
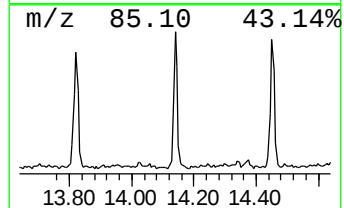
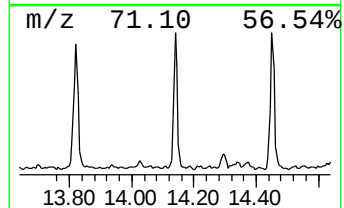
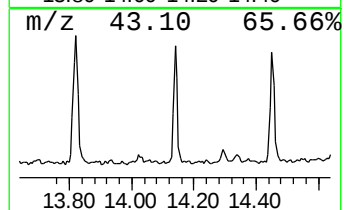
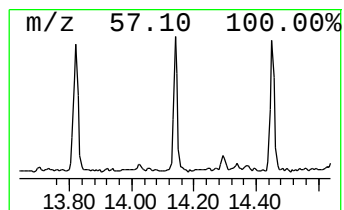
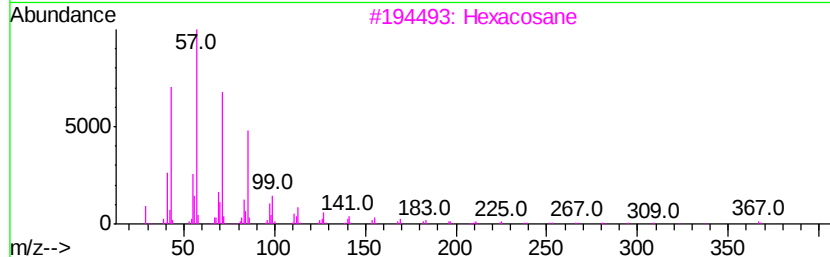
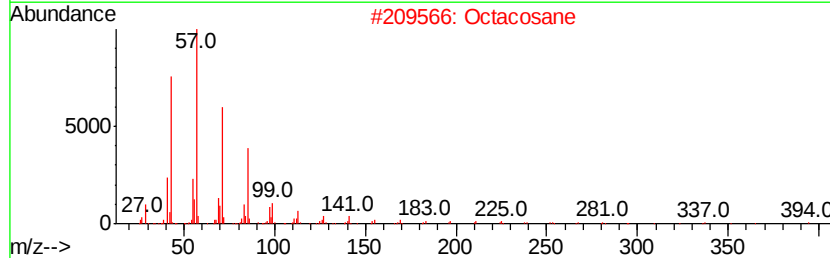
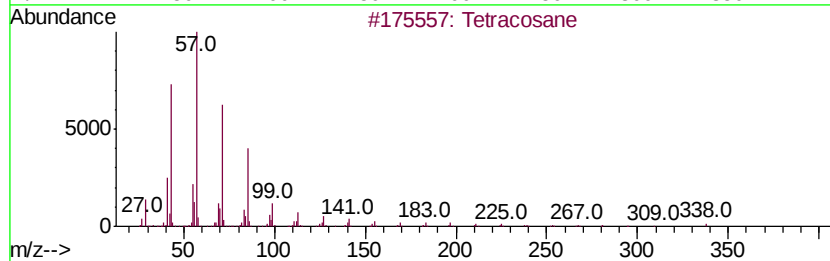
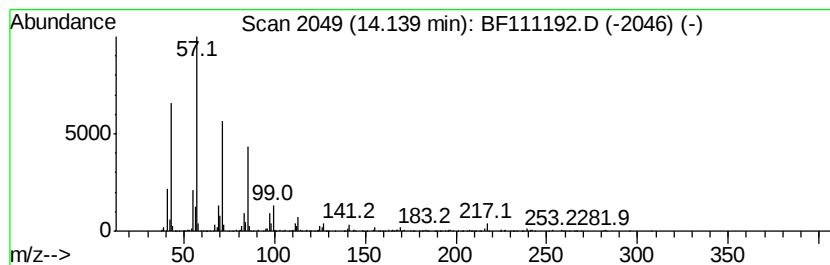
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.91 ng	600228	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111192.D
Acq On : 7 Dec 2018 17:42
Operator : JU/SJ
Sample : J6214-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8(13-15)

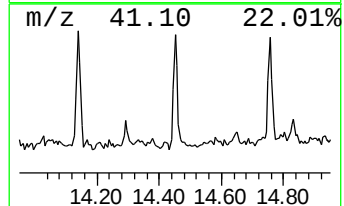
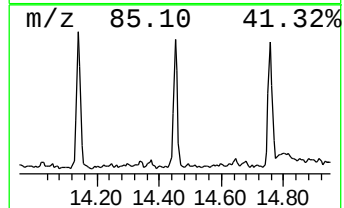
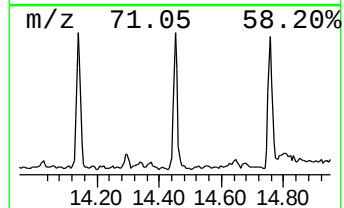
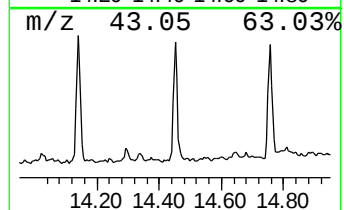
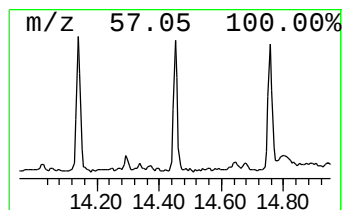
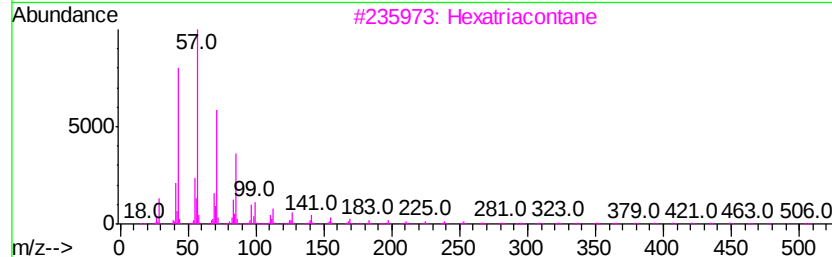
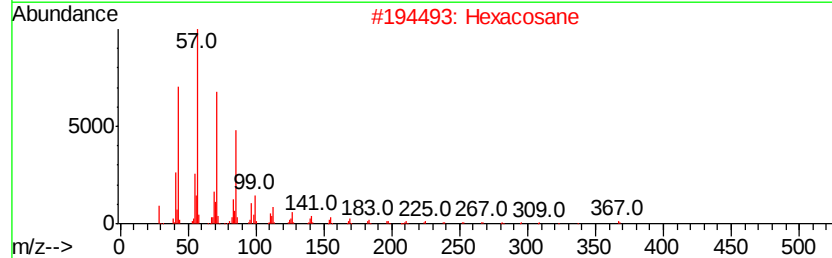
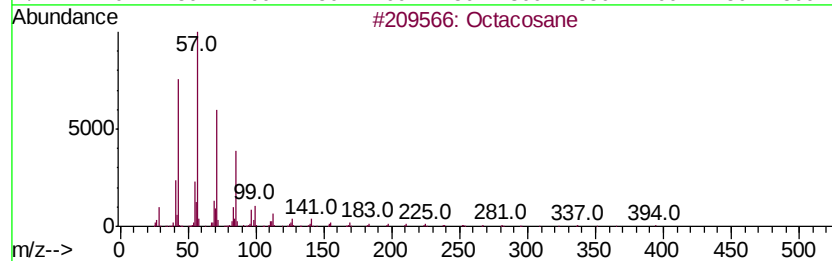
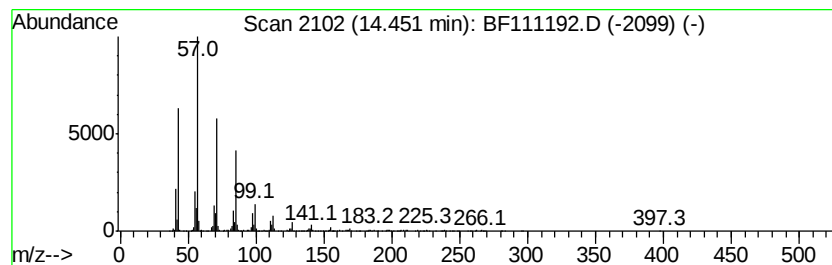
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.23 ng	648642	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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 Misc :
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Instrument :
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 ClientSampleId :
 SB-8(13-15)

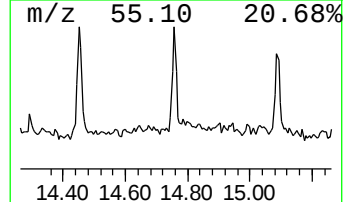
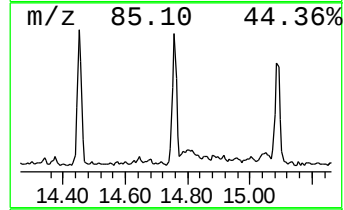
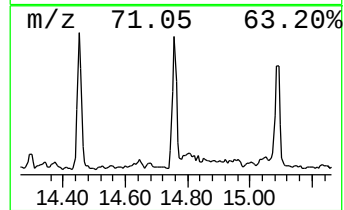
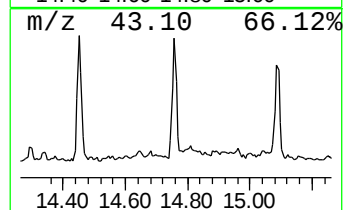
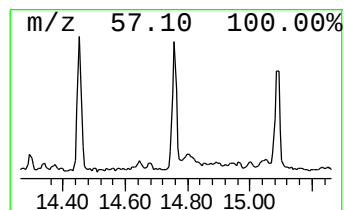
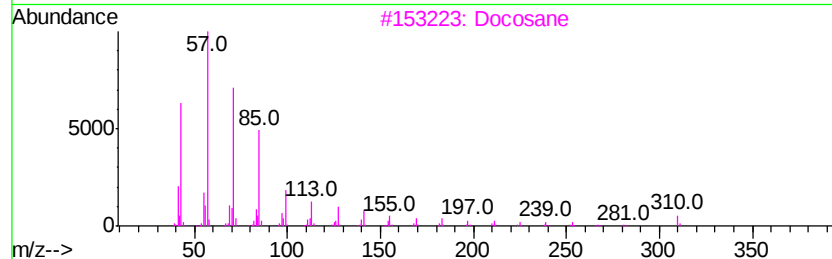
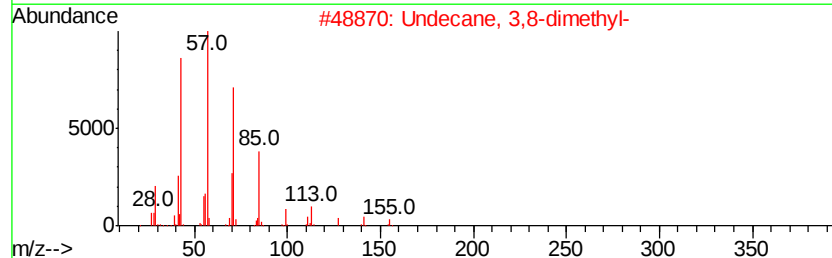
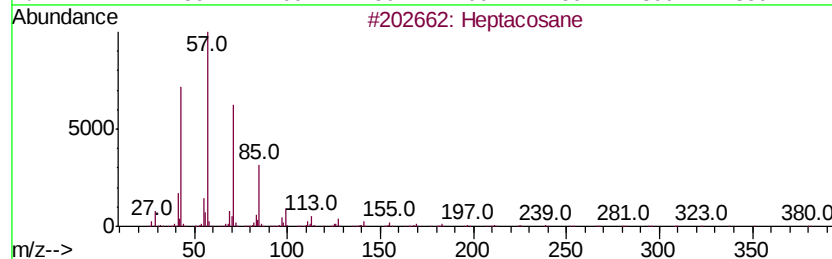
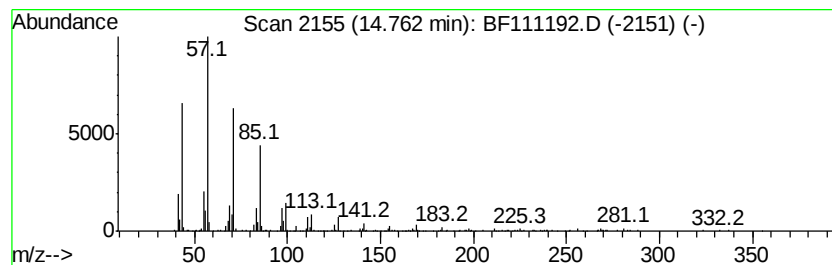
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.71 ng	587813	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	91
3		Docosane	310	C22H46	000629-97-0	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
Propylene Glycol	3.23	3.8	ng	464750	1	6.80	2424140	20.0
2-Pentanone, 4-hy...	5.02	6.6	ng	802446	1	6.80	2424140	20.0
n-Hexadecanoic acid	11.86	21.9	ng	3850360	4	11.32	3517070	20.0
Octadecanoic acid	12.64	21.2	ng	3255820	5	13.96	3067190	20.0
Hexadecane	13.49	2.6	ng	399984	5	13.96	3067190	20.0
Pentadecane	13.82	6.4	ng	986076	5	13.96	3067190	20.0
Tetracosane	14.14	3.9	ng	600228	5	13.96	3067190	20.0
Octacosane	14.45	4.2	ng	648642	5	13.96	3067190	20.0
Heptacosane	14.76	4.7	ng	587813	6	15.40	2497790	20.0