

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111193.D
 Acq On : 7 Dec 2018 18:10
 Operator : JU/SJ
 Sample : J6214-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(18-20)

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	191	194	205	rVB	53066	134191	1.51%	0.145%
2	5.010	490	497	502	rBV	415350	553521	6.22%	0.599%
3	5.422	561	567	570	rBV	8971386	8898646	100.00%	9.630%
4	6.434	733	739	743	rBV	7887434	8194773	92.09%	8.868%
5	6.575	758	763	766	rBV	8198734	7630854	85.75%	8.258%
6	6.804	798	802	805	rBV	3053354	2375170	26.69%	2.570%
7	6.963	825	829	832	rVB	7180403	5869343	65.96%	6.352%
8	7.363	892	897	900	rBV	5855197	5205461	58.50%	5.633%
9	8.086	1016	1020	1023	rBV	3867418	3181031	35.75%	3.442%
10	9.163	1198	1203	1206	rBV	8704813	7313750	82.19%	7.915%
11	9.551	1266	1269	1272	rBV	1663266	1394106	15.67%	1.509%
12	9.839	1314	1318	1322	rBV	4105304	3450372	38.77%	3.734%
13	10.039	1350	1352	1356	rVB	114738	92235	1.04%	0.100%
14	10.504	1424	1431	1434	rBV	134530	160765	1.81%	0.174%
15	10.621	1447	1451	1455	rBV	5135460	4760909	53.50%	5.152%
16	10.769	1471	1476	1483	rVB	256453	294064	3.30%	0.318%
17	11.233	1552	1555	1559	rVB	176378	162853	1.83%	0.176%
18	11.321	1566	1570	1572	rBV	4149793	3383103	38.02%	3.661%
19	11.345	1572	1574	1577	rVV	431672	335435	3.77%	0.363%
20	11.392	1580	1582	1585	rVB	155112	124735	1.40%	0.135%
21	11.863	1657	1662	1670	rBV	3446511	3564722	40.06%	3.858%
22	12.527	1772	1775	1779	rBV	558110	577783	6.49%	0.625%
23	12.645	1791	1795	1805	rBV	2690142	2720105	30.57%	2.944%
24	12.757	1811	1814	1817	rVB	477786	421980	4.74%	0.457%
25	12.910	1836	1840	1843	rBV	6005605	5383851	60.50%	5.826%
26	13.151	1879	1881	1885	rVB	235997	201202	2.26%	0.218%
27	13.492	1936	1939	1942	rVB	395246	315534	3.55%	0.341%
28	13.815	1991	1994	2001	rVB2	1621608	1947354	21.88%	2.107%
29	13.957	2013	2018	2021	rBV	3401375	3251133	36.54%	3.518%
30	13.980	2021	2022	2027	rVB	266288	154426	1.74%	0.167%
31	14.027	2028	2030	2034	rBV4	120769	151180	1.70%	0.164%
32	14.139	2046	2049	2053	rVB	896501	757933	8.52%	0.820%
33	14.451	2099	2102	2107	rVB	953063	875511	9.84%	0.947%
34	14.757	2151	2154	2160	rVB	867612	853352	9.59%	0.923%

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ClientSampleId :
SB-8(18-20)

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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35	14.827	2164	2166	2169	rBV	250472	226960	2.55%	0.246%
36	14.986	2190	2193	2202	rVB	253841	505114	5.68%	0.547%
37	15.086	2207	2210	2213	rVB	904138	864702	9.72%	0.936%
38	15.339	2250	2253	2256	rVB	198640	207970	2.34%	0.225%
39	15.404	2259	2264	2268	rVV	2793490	3350860	37.66%	3.626%
40	15.456	2270	2273	2287	rVB	675196	946789	10.64%	1.025%
41	15.886	2342	2346	2350	rVB	484601	645184	7.25%	0.698%
42	15.939	2351	2355	2364	rVB2	278201	528884	5.94%	0.572%
43	16.386	2426	2431	2436	rVB	227162	440340	4.95%	0.477%

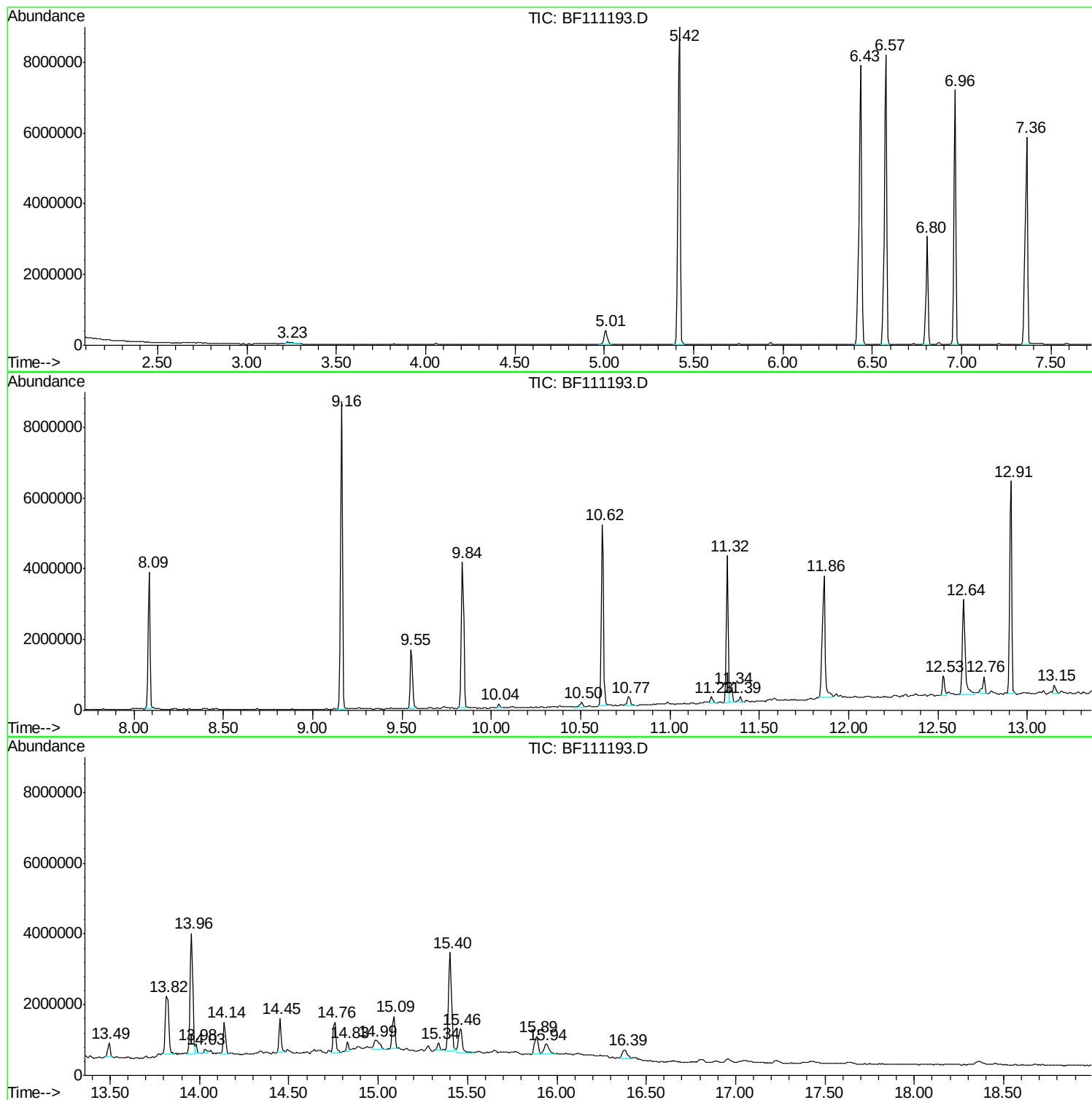
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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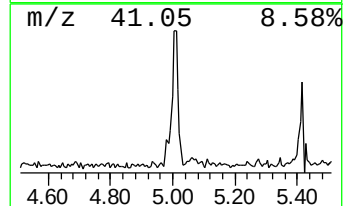
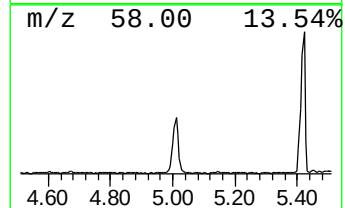
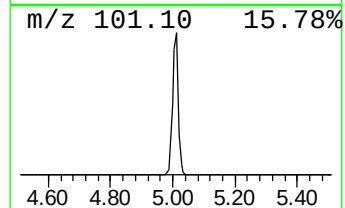
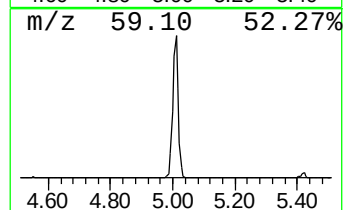
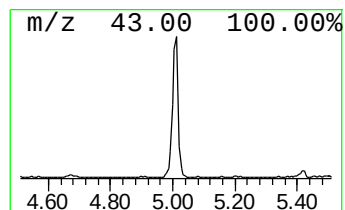
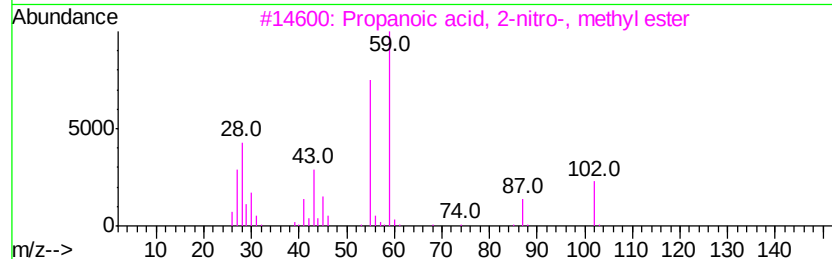
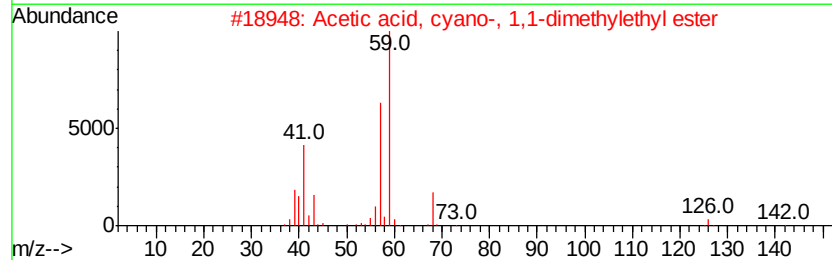
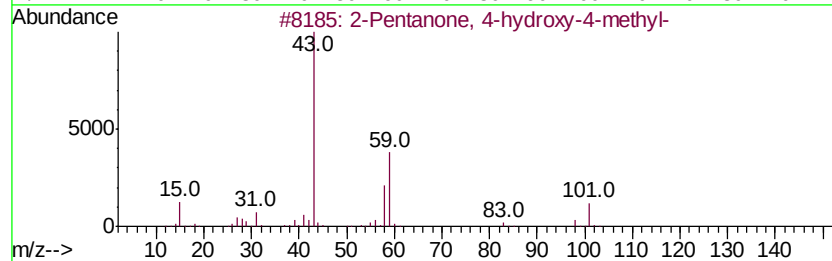
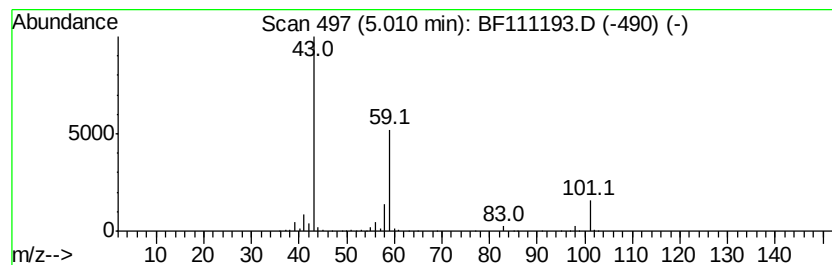
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.01	4.66 ng	553521	1,4-Dichlorobenzene-d4	6.80	
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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9



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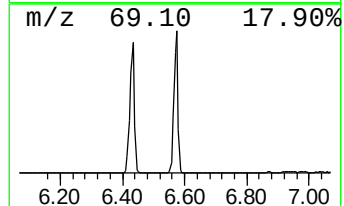
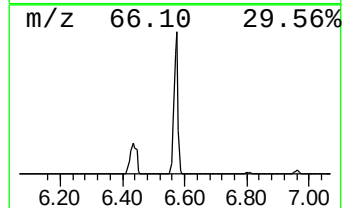
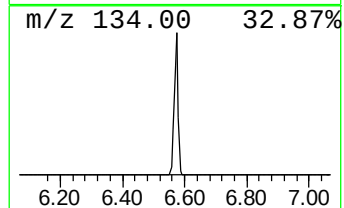
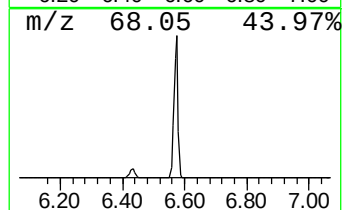
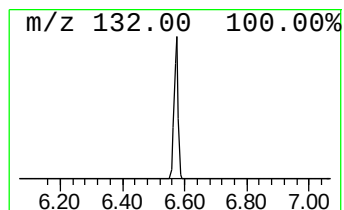
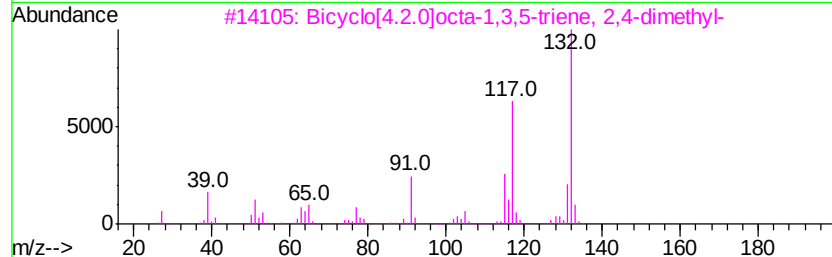
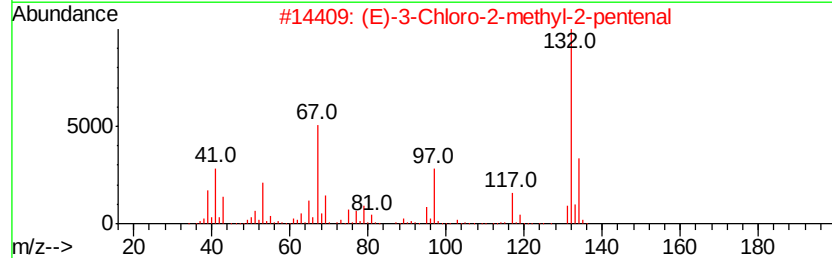
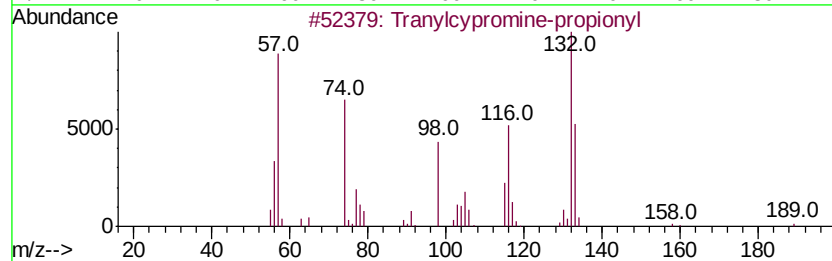
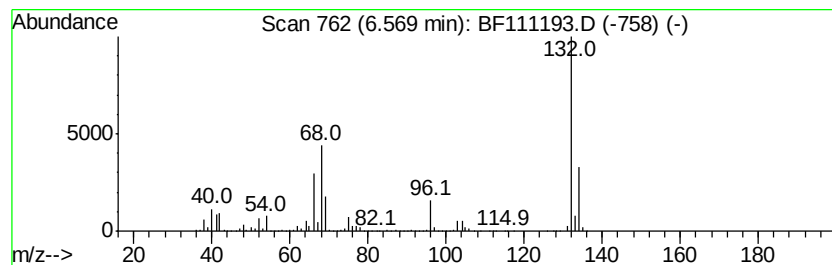
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	64.26 ng	7630850	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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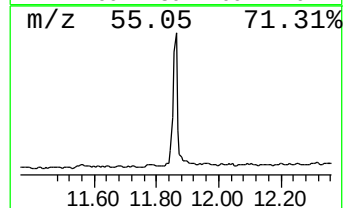
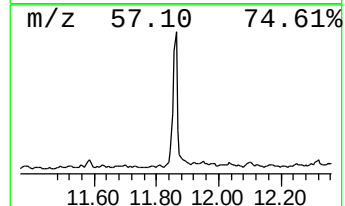
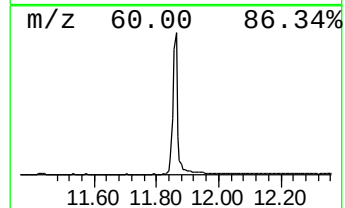
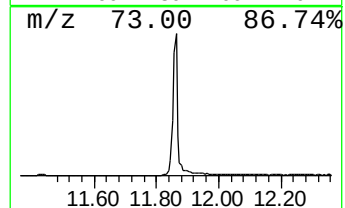
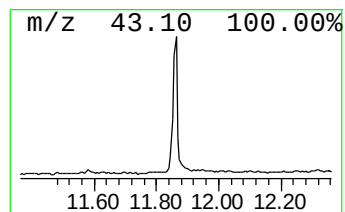
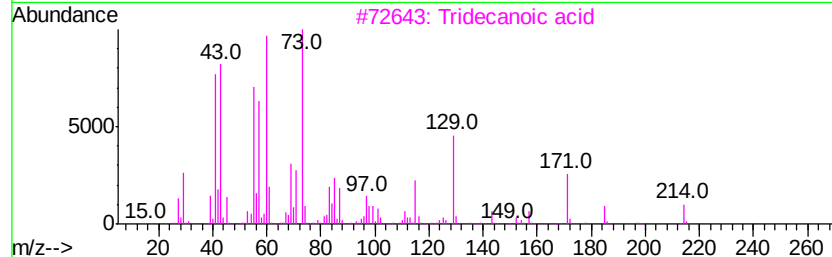
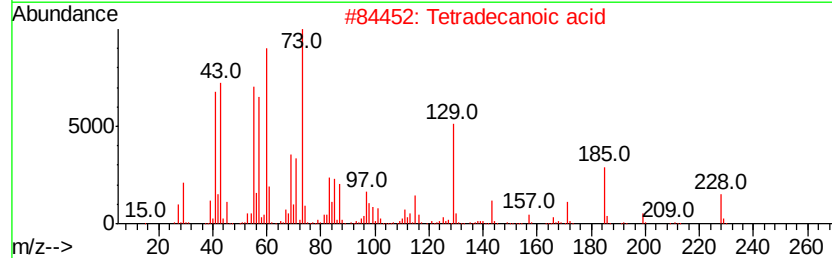
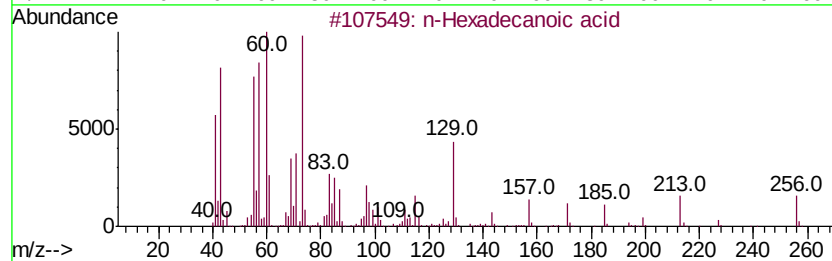
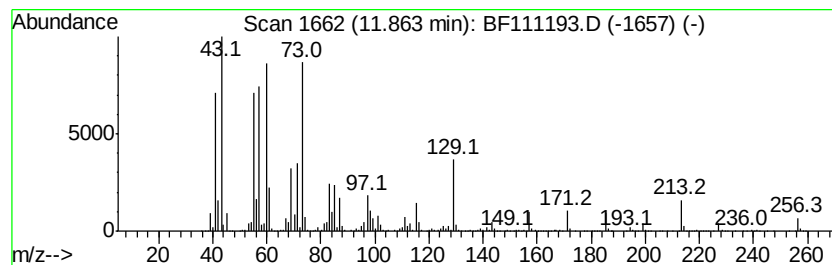
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	21.07 ng	3564720	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	43



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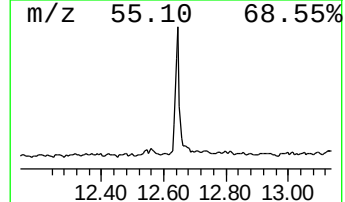
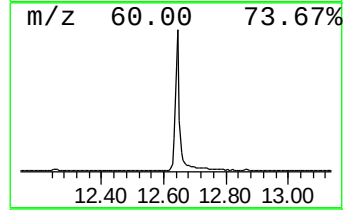
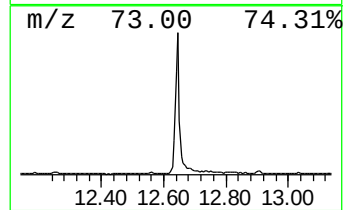
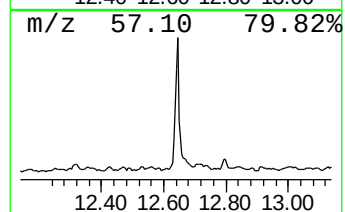
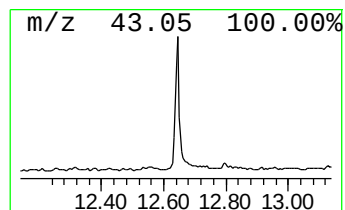
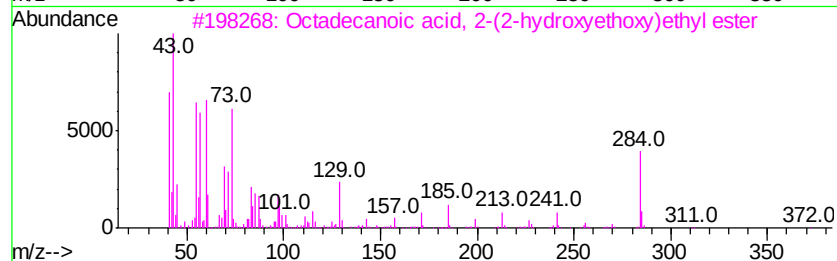
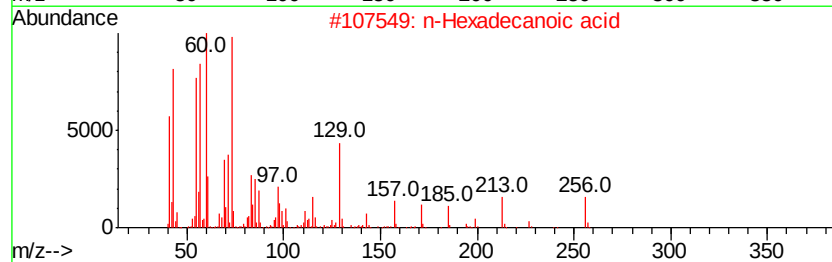
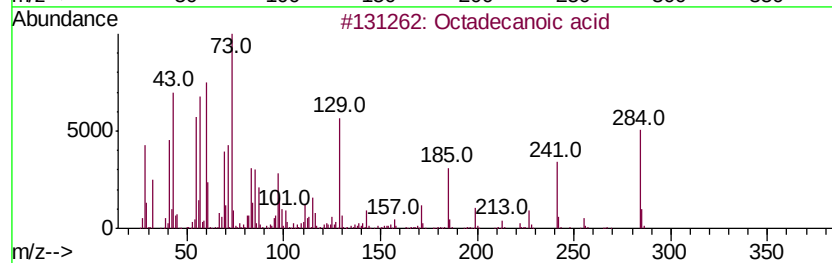
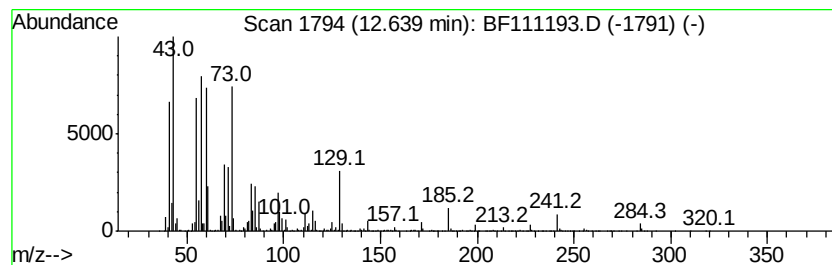
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	16.73 ng	2720110	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	91
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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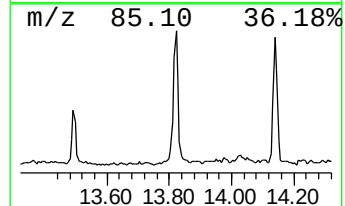
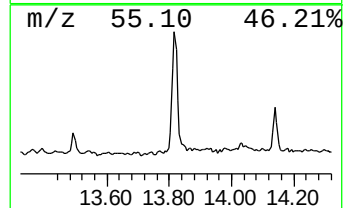
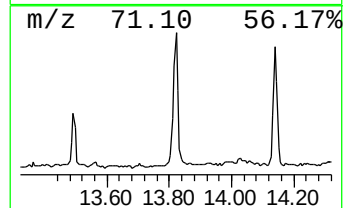
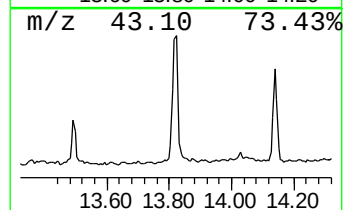
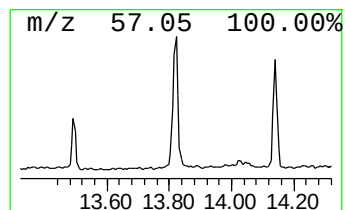
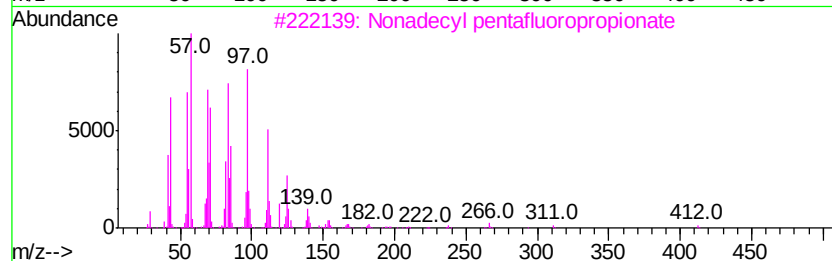
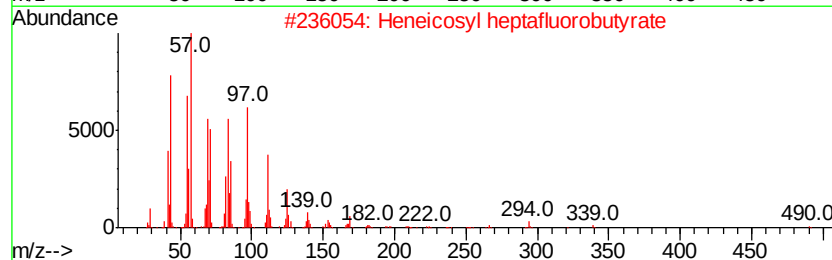
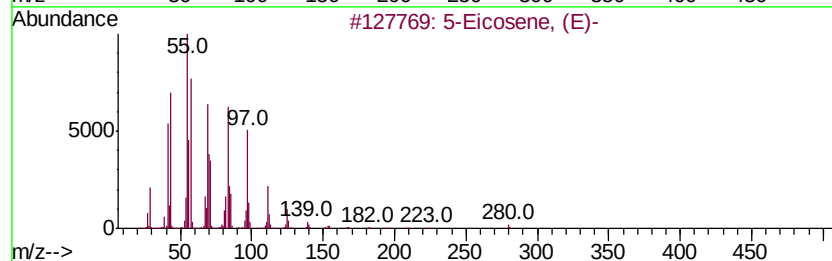
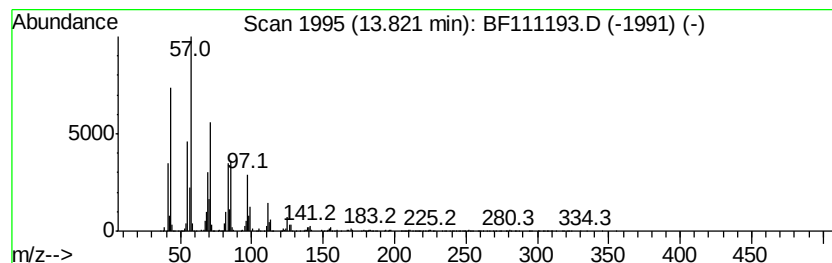
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.82	11.98 ng	1947350	Chrysene-d12		13.96		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-			280	C20H40	074685-30-6	95
2	Heneicosyl heptafluorobutyrate			508	C25H43F7O2	1000351-83-8	91
3	Nonadecyl pentafluoropropionate			430	C22H39F5O2	1000351-88-8	91
4	Docosyl pentafluoropropionate			472	C25H45F5O2	1000351-80-9	91
5	Eicosyl pentafluoropropionate			444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111193.D
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Operator : JU/SJ
Sample : J6214-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

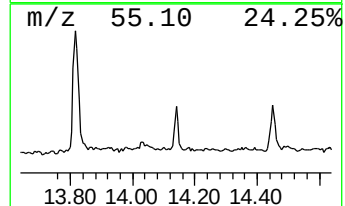
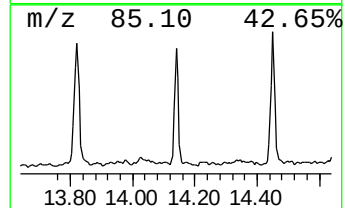
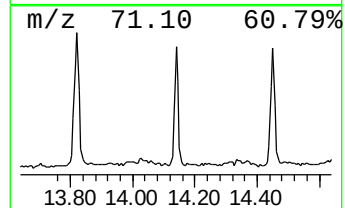
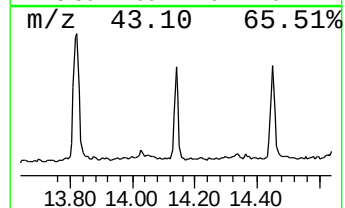
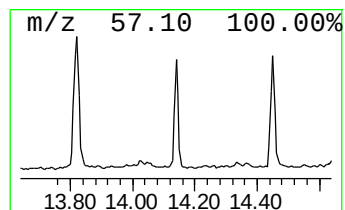
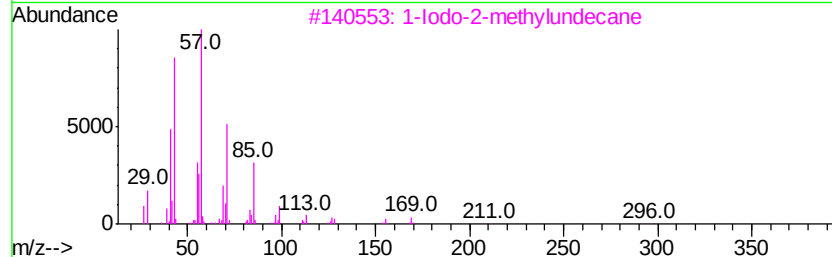
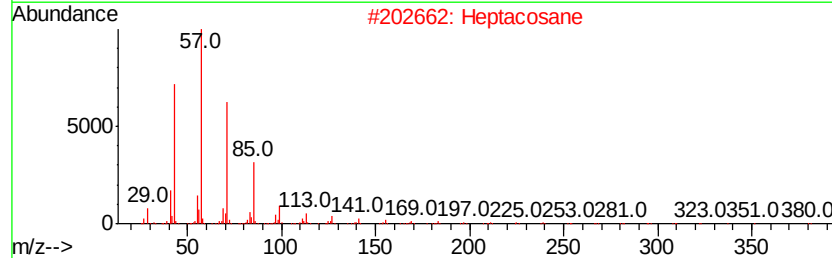
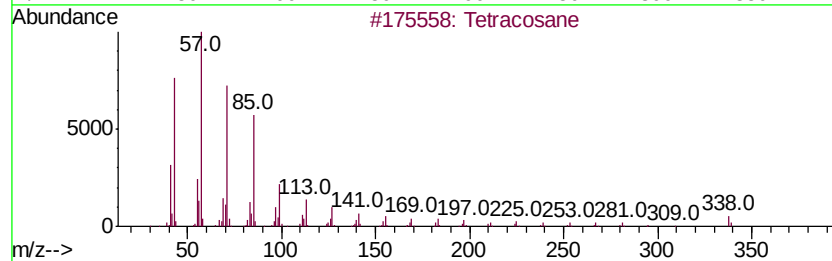
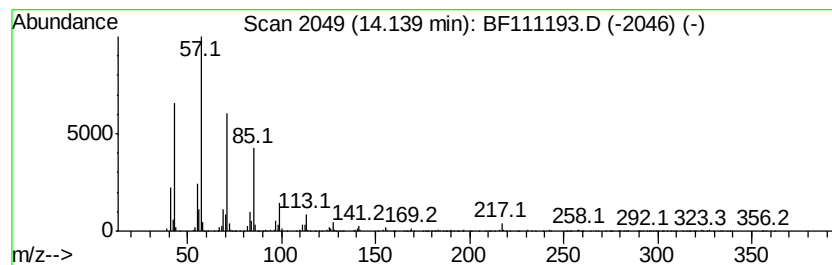
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.66 ng	757933	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 95
2		Heptacosane	380 C27H56	000593-49-7 91
3		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 90
4		Heneicosane	296 C21H44	000629-94-7 90
5		Nonadecane	268 C19H40	000629-92-5 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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Acq On : 7 Dec 2018 18:10
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Sample : J6214-03
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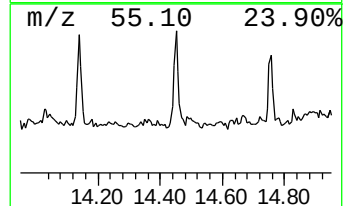
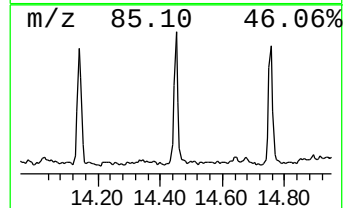
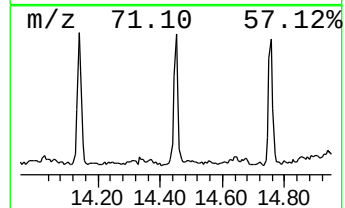
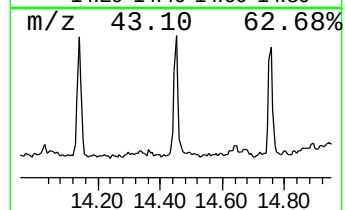
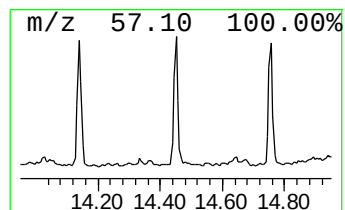
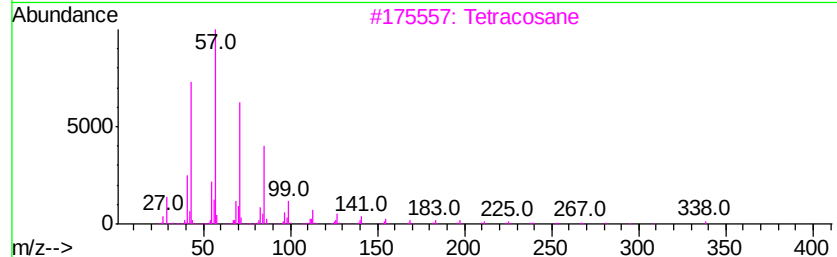
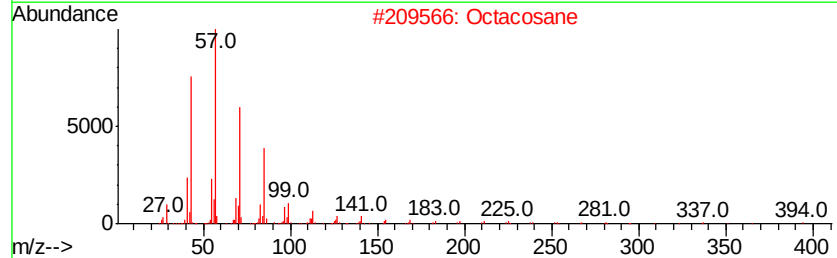
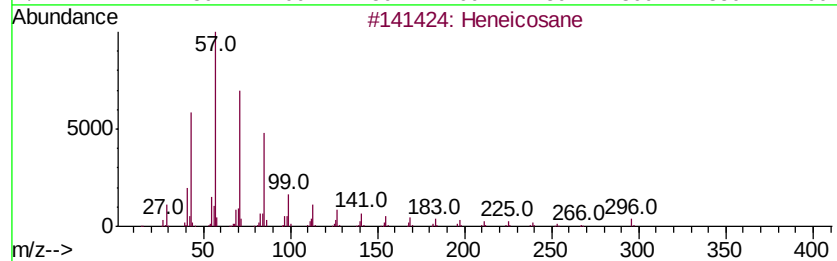
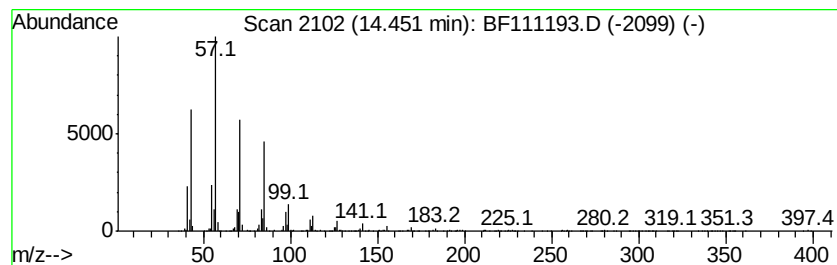
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	5.39 ng	875511	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	94
2	Octacosane	394 C28H58	000630-02-4	91
3	Tetracosane	338 C24H50	000646-31-1	91
4	Hexacosane	366 C26H54	000630-01-3	91
5	Pentacosane	352 C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111193.D
Acq On : 7 Dec 2018 18:10
Operator : JU/SJ
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ALS Vial : 17 Sample Multiplier: 1

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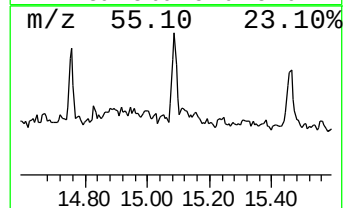
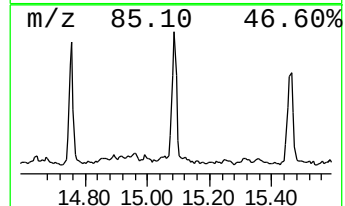
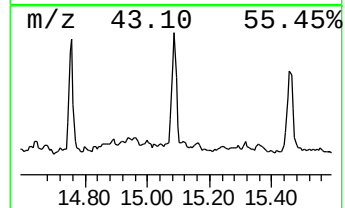
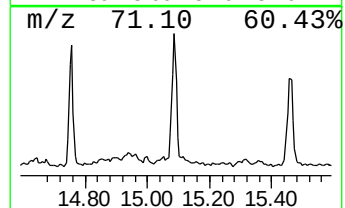
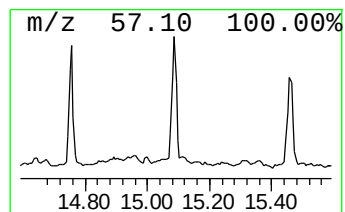
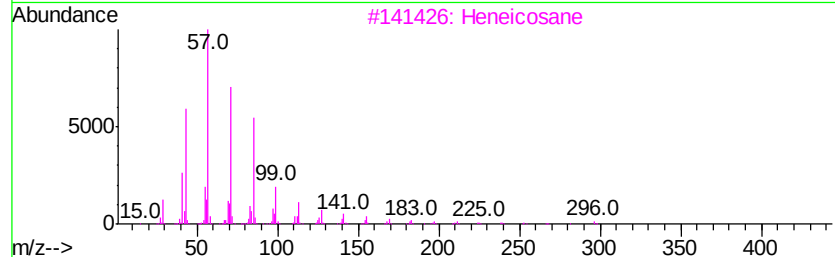
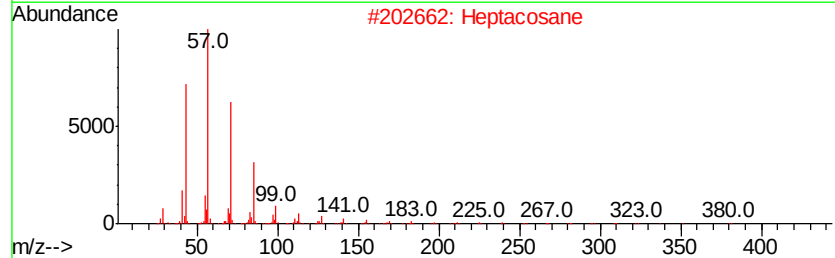
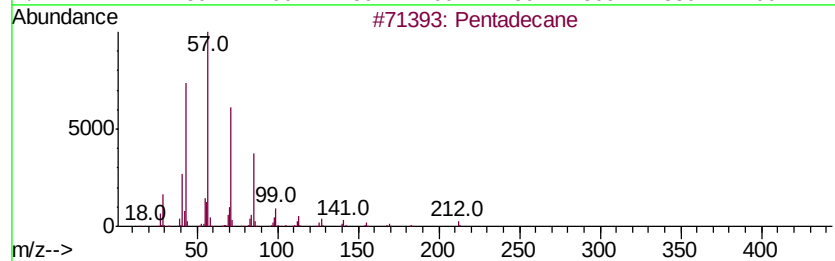
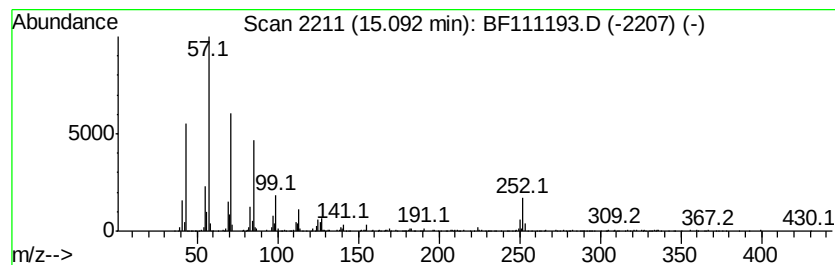
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.16 ng	864702	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	87
2	Heptacosane		380	C27H56	000593-49-7	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	86
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111193.D
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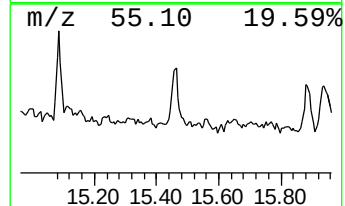
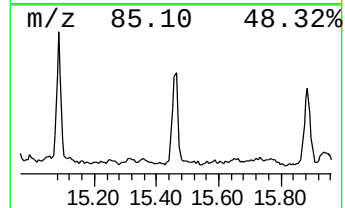
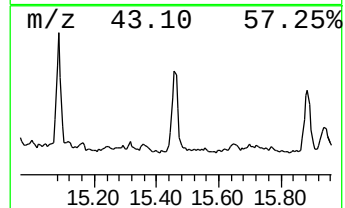
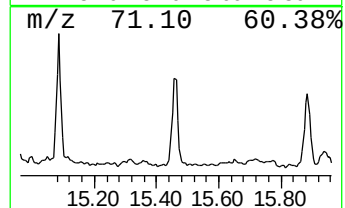
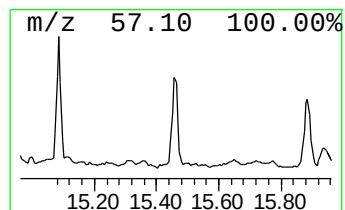
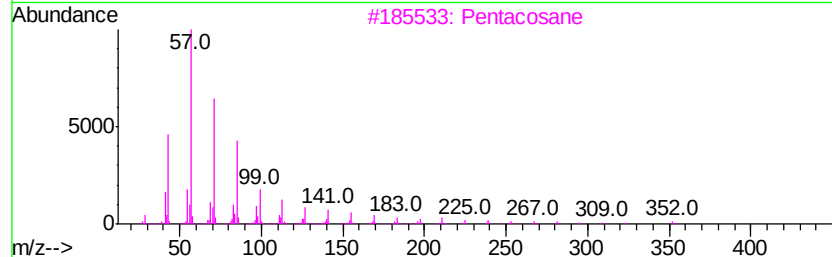
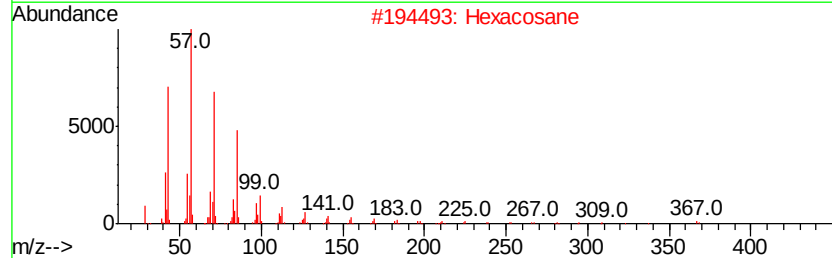
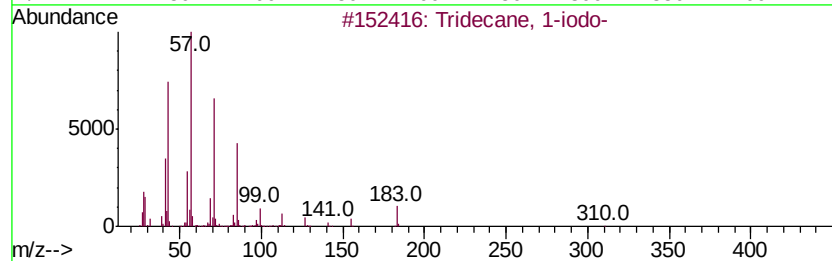
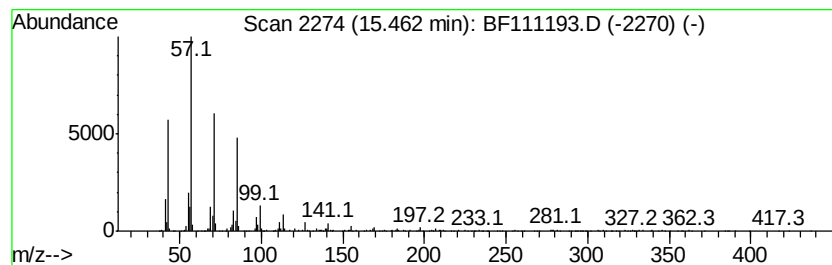
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	5.65 ng	946789	Perylene-d12	15.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2			Hexacosane	366	C26H54	000630-01-3	87
3			Pentacosane	352	C25H52	000629-99-2	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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Misc :
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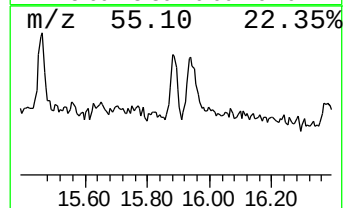
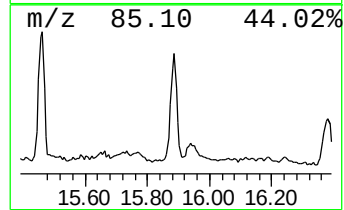
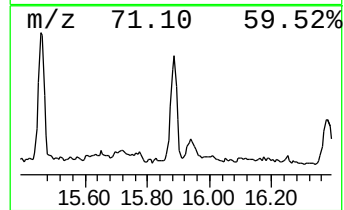
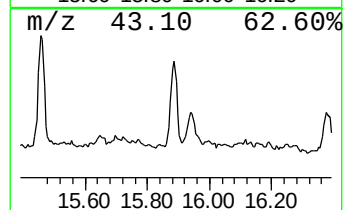
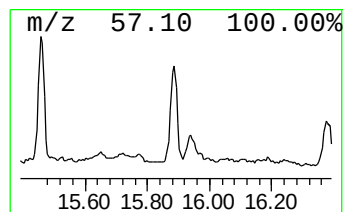
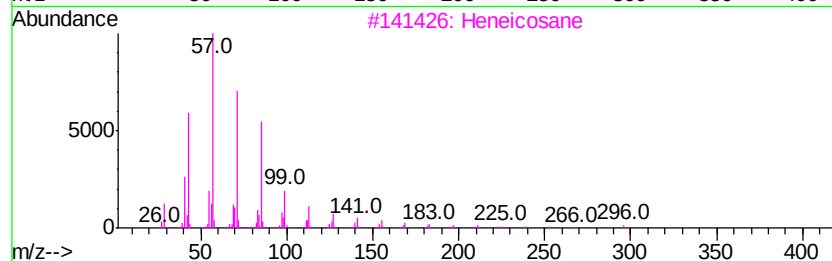
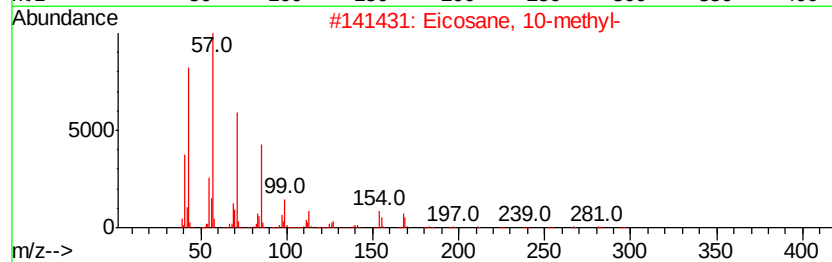
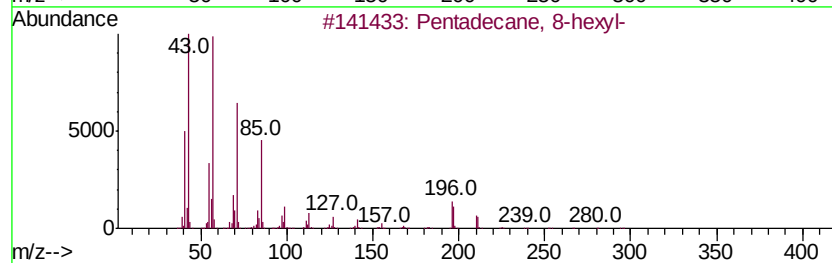
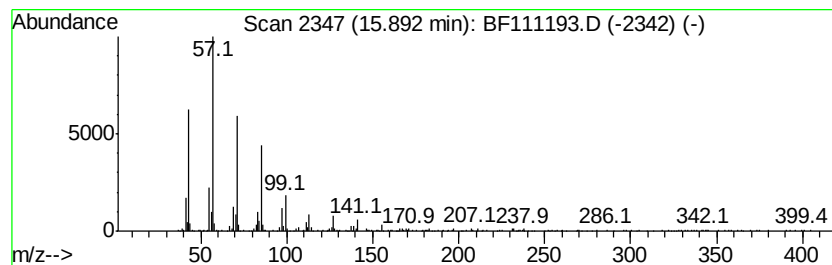
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.89	3.85 ng	645184	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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Sample : J6214-03
Misc :
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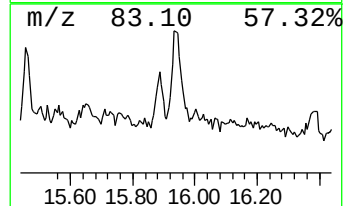
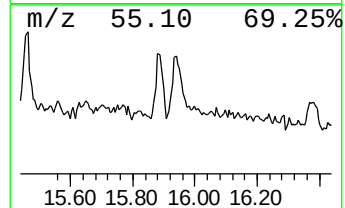
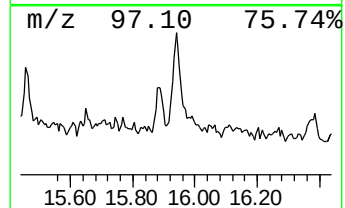
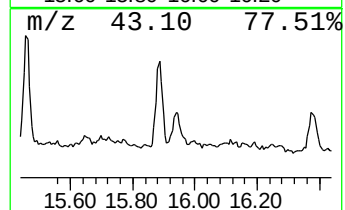
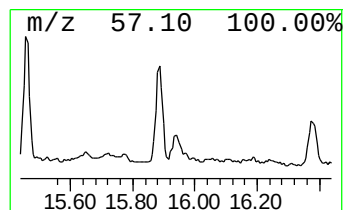
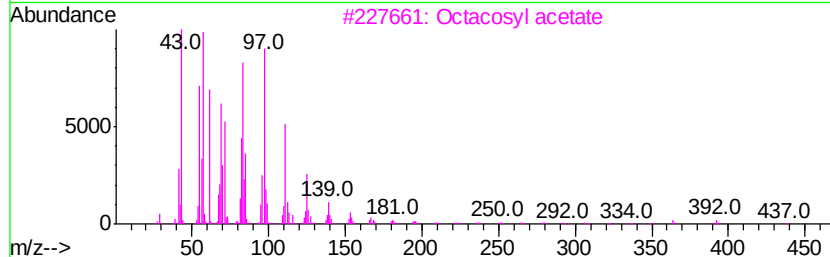
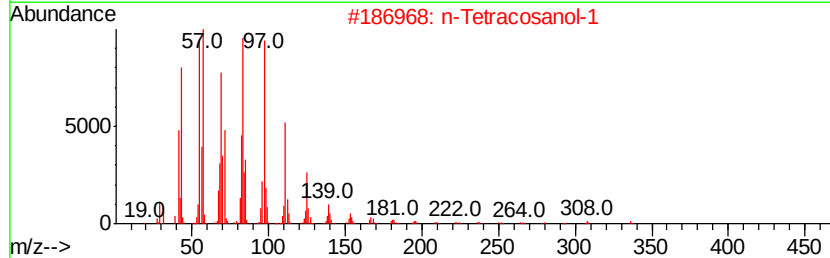
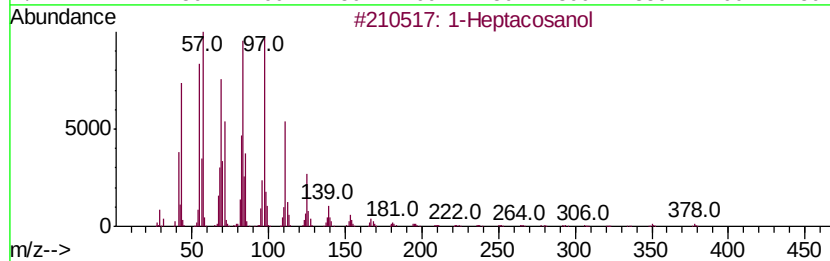
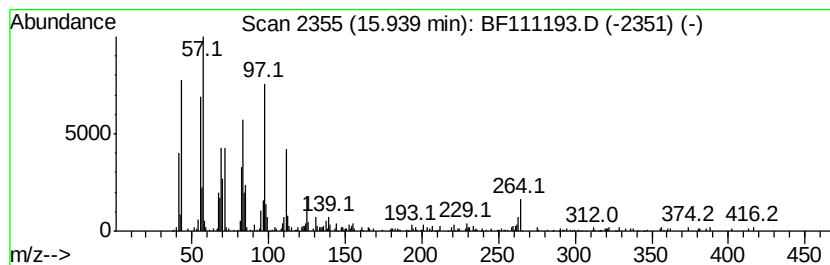
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.94	3.16 ng	528884	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	Triacontyl acetate	480	C32H64O2	041755-58-2	90
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
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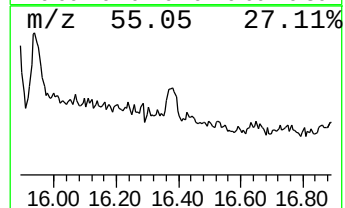
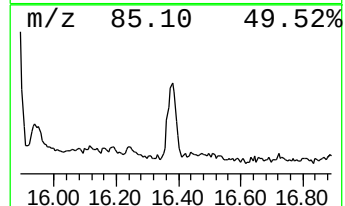
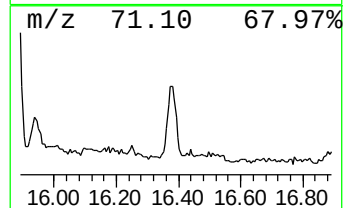
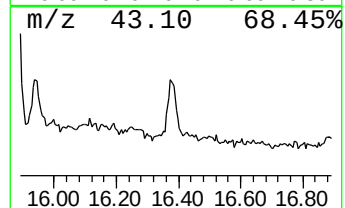
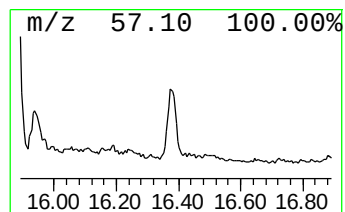
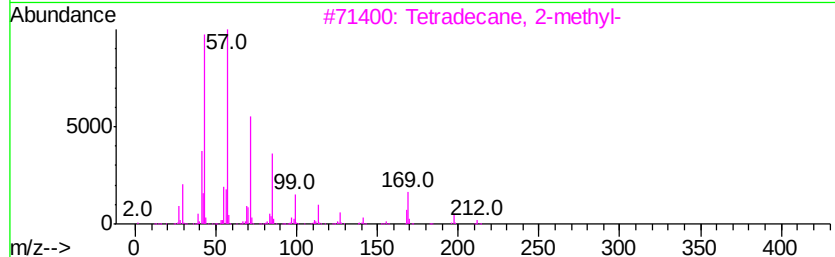
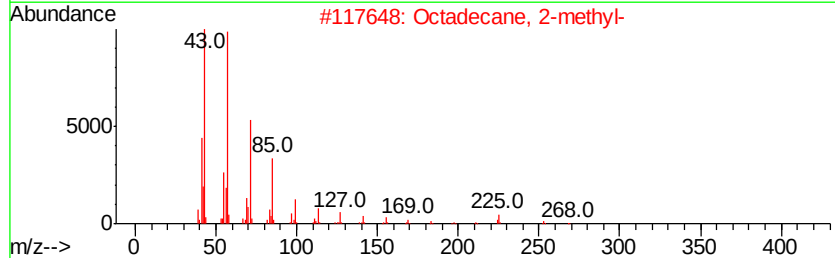
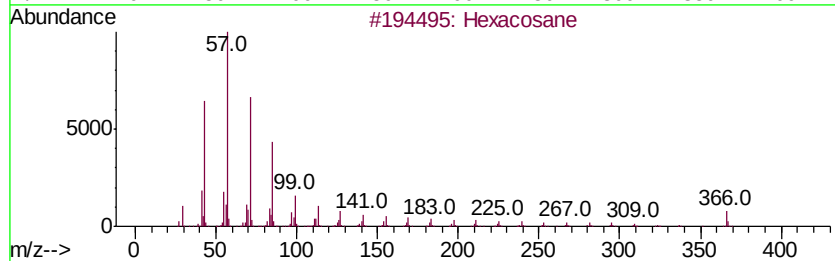
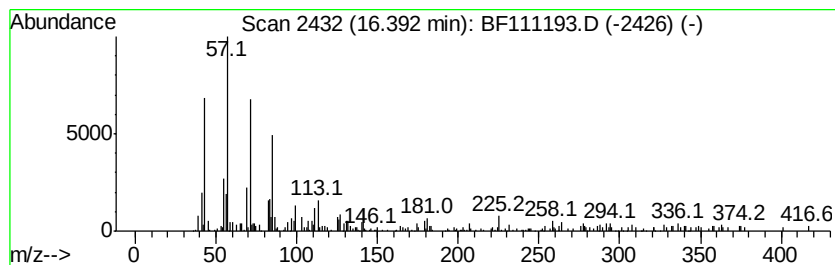
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.39	2.63 ng	440340	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	87
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
5	Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111193.D
Acq On : 7 Dec 2018 18:10
Operator : JU/SJ
Sample : J6214-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

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
2-Pentanone, 4-hy...	5.01	4.7	ng	553521	1	6.80	2375170	20.0
unknown6.57	6.57	64.3	ng	7630850	1	6.80	2375170	20.0
n-Hexadecanoic acid	11.86	21.1	ng	3564720	4	11.32	3383100	20.0
Octadecanoic acid	12.64	16.7	ng	2720110	5	13.96	3251130	20.0
5-Eicosene, (E)-	13.82	12.0	ng	1947350	5	13.96	3251130	20.0
Tetracosane	14.14	4.7	ng	757933	5	13.96	3251130	20.0
Heneicosane	14.45	5.4	ng	875511	5	13.96	3251130	20.0
Pentadecane	15.09	5.2	ng	864702	6	15.40	3350860	20.0
Tridecane, 1-iodo-	15.46	5.7	ng	946789	6	15.40	3350860	20.0
Pentadecane, 8-he...	15.89	3.9	ng	645184	6	15.40	3350860	20.0
1-Heptacosanol	15.94	3.2	ng	528884	6	15.40	3350860	20.0
Hexacosane	16.39	2.6	ng	440340	6	15.40	3350860	20.0