

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112895.D
 Acq On : 6 Mar 2019 21:28
 Operator : JU/SJ
 Sample : K1753-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

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-BF022719.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	5.346	549	554	557	rBV	4457805	4443880	97.53%	10.301%
2	6.369	722	728	732	rBV2	4118417	4556523	100.00%	10.562%
3	6.504	746	751	754	rBV	4330544	4456474	97.80%	10.330%
4	6.728	786	789	793	rBV	1483916	1325966	29.10%	3.073%
5	6.887	812	816	819	rBV	3765177	3280545	72.00%	7.604%
6	7.287	879	884	898	rBV	2602906	2805763	61.58%	6.504%
7	7.516	920	923	933	rVB	55638	56064	1.23%	0.130%
8	8.010	1003	1007	1014	rBV	1740137	1668673	36.62%	3.868%
9	8.439	1077	1080	1084	rBV	53718	48350	1.06%	0.112%
10	9.086	1185	1190	1201	rBV	4344065	4216893	92.55%	9.774%
11	9.222	1210	1213	1225	rVB2	49498	75980	1.67%	0.176%
12	9.481	1253	1257	1263	rBV	214604	206126	4.52%	0.478%
13	9.763	1300	1305	1313	rBV	1647407	1638125	35.95%	3.797%
14	10.545	1433	1438	1450	rBV	3017523	3021559	66.31%	7.004%
15	11.239	1552	1556	1559	rBV	1484159	1561570	34.27%	3.620%
16	11.710	1629	1636	1639	rBV	39375	54753	1.20%	0.127%
17	11.775	1643	1647	1655	rBV3	304130	351395	7.71%	0.815%
18	12.280	1730	1733	1737	rBV	65651	60204	1.32%	0.140%
19	12.439	1757	1760	1764	rBV	159908	160174	3.52%	0.371%
20	12.557	1778	1780	1789	rBV5	53693	89984	1.97%	0.209%
21	12.669	1794	1799	1802	rBV	149874	149634	3.28%	0.347%
22	12.816	1820	1824	1828	rBV	3245573	2891192	63.45%	6.702%
23	13.063	1858	1866	1869	rBV5	25208	50321	1.10%	0.117%
24	13.721	1972	1978	1989	rBV3	249551	463518	10.17%	1.074%
25	13.857	1997	2001	2013	rVB	1422010	1647346	36.15%	3.818%
26	14.045	2029	2033	2037	rBV	74966	77392	1.70%	0.179%
27	14.245	2055	2067	2069	rBV4	103509	299659	6.58%	0.695%
28	14.345	2082	2084	2096	rVB	179510	286262	6.28%	0.664%
29	14.510	2110	2112	2120	rBV4	34911	63459	1.39%	0.147%
30	14.639	2131	2134	2138	rBV	179482	176277	3.87%	0.409%
31	14.710	2144	2146	2150	rVB3	56236	57632	1.26%	0.134%
32	14.863	2169	2172	2179	rVB	99625	179386	3.94%	0.416%
33	14.957	2184	2188	2192	rBV	197972	238619	5.24%	0.553%
34	15.139	2217	2219	2223	rBV	52070	57552	1.26%	0.133%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	15.198	2226	2229	2234	rVB	67414	84663	1.86%	0.196%
36	15.263	2234	2240	2245	rBV	1287186	1680844	36.89%	3.896%
37	15.310	2245	2248	2256	rVB	197245	272288	5.98%	0.631%
38	15.715	2312	2317	2321	rVB	142707	202956	4.45%	0.470%
39	16.180	2392	2396	2408	rVB2	99150	184017	4.04%	0.427%

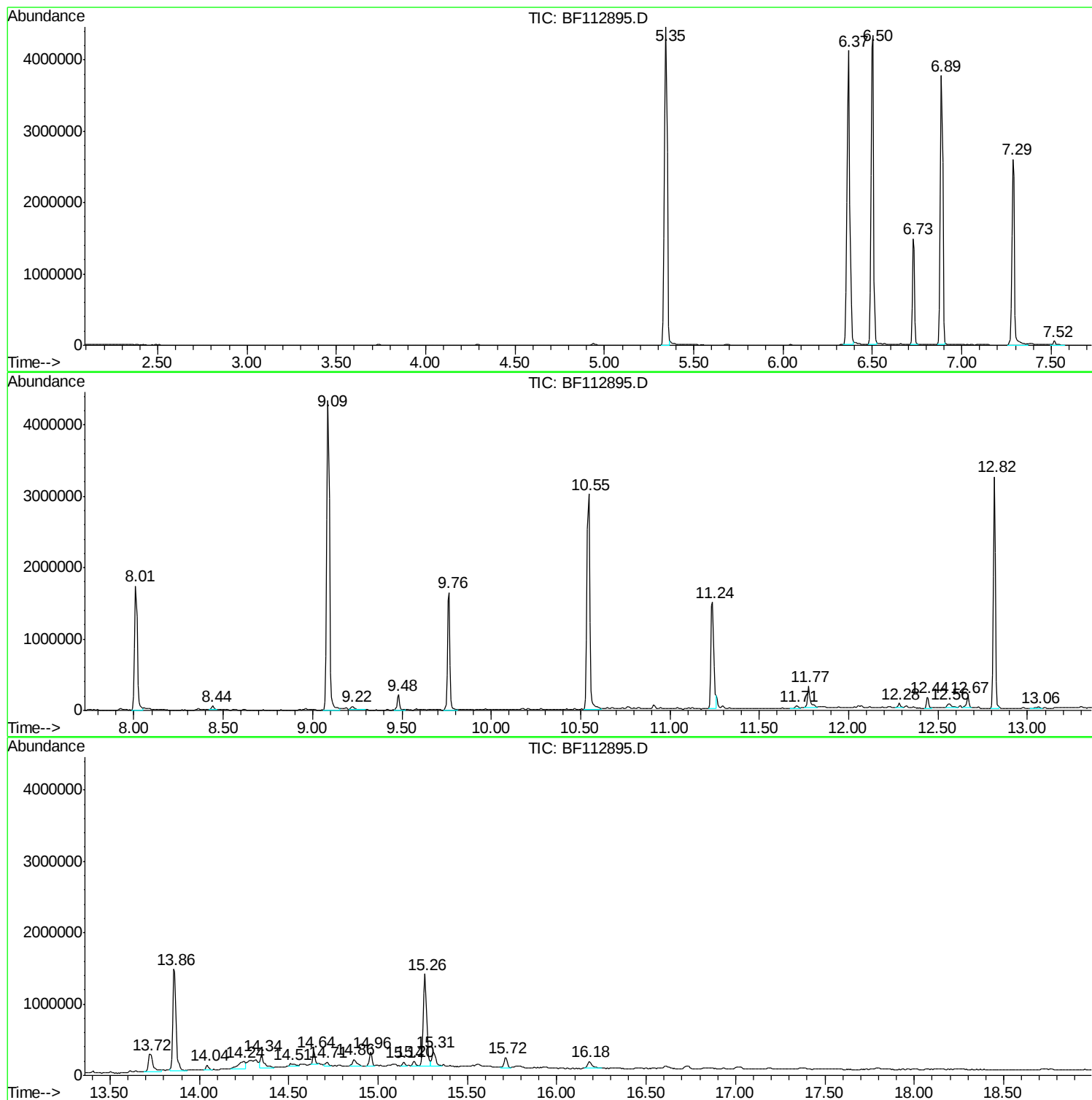
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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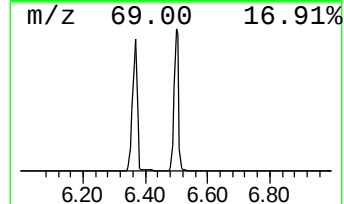
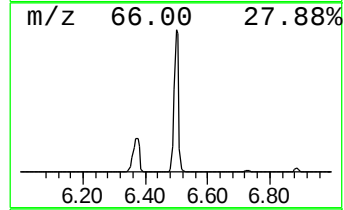
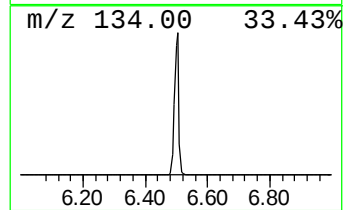
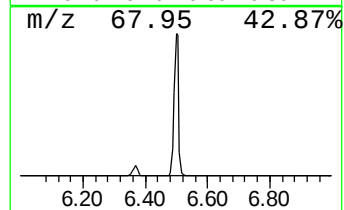
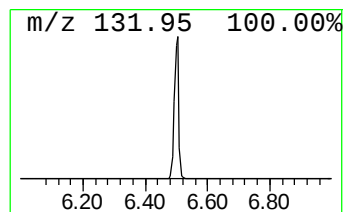
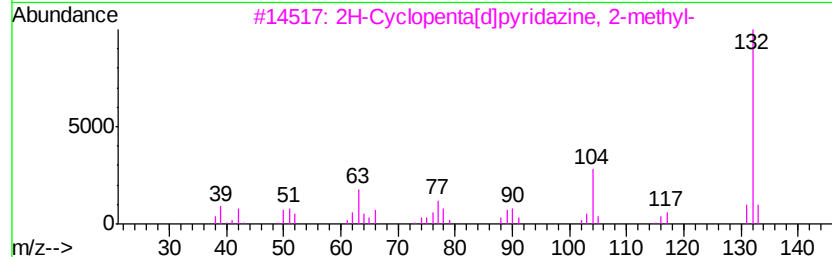
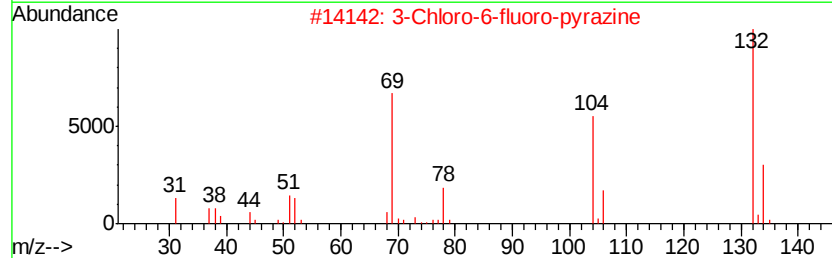
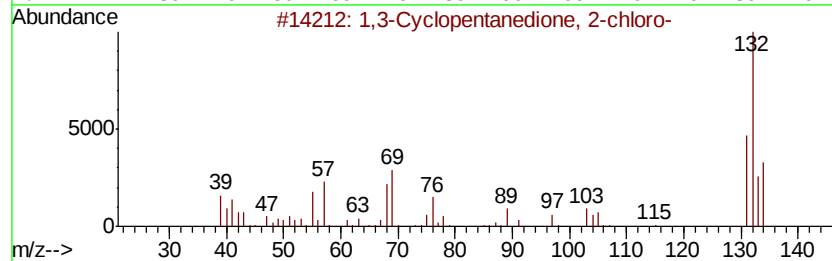
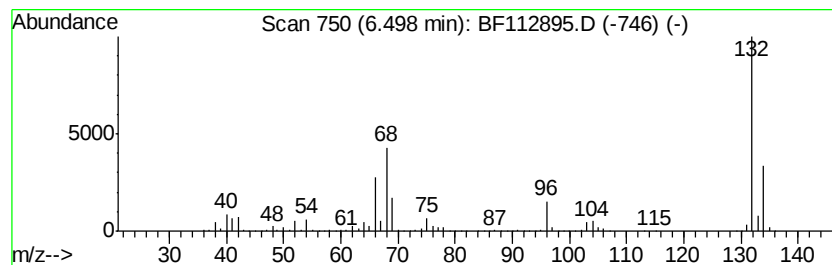
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	67.22 ng	4456470	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	25
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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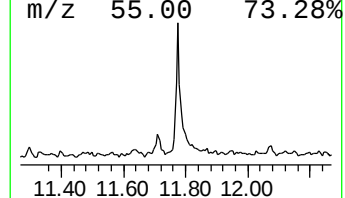
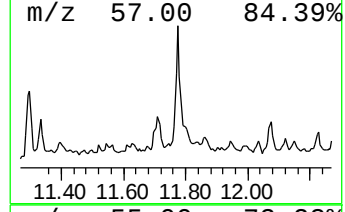
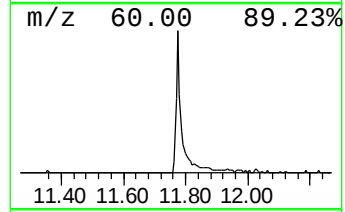
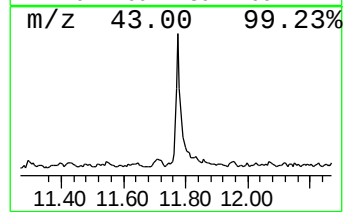
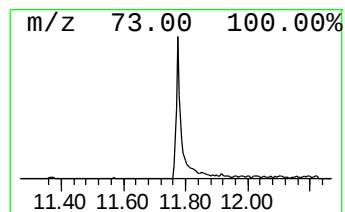
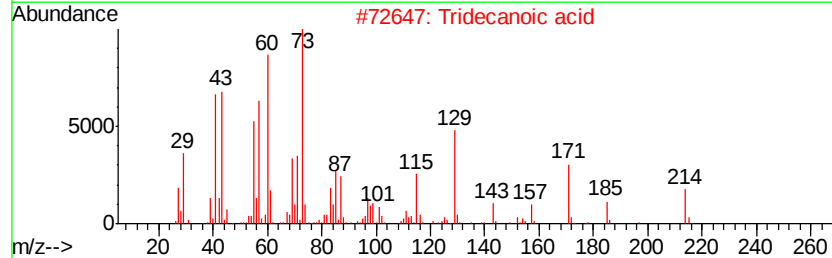
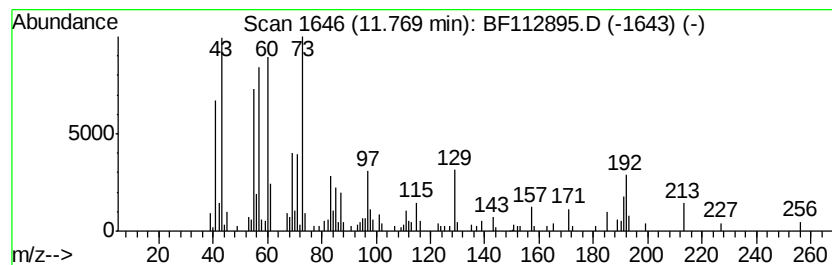
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.50 ng	351395	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



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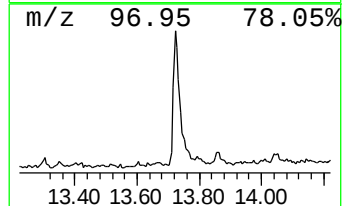
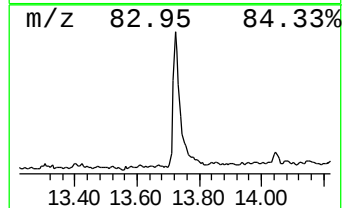
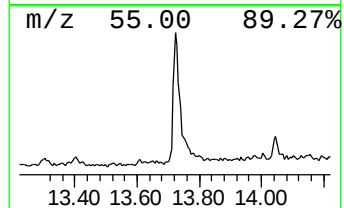
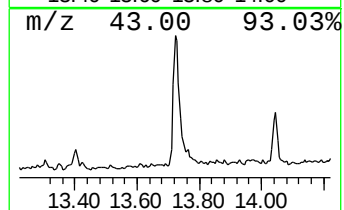
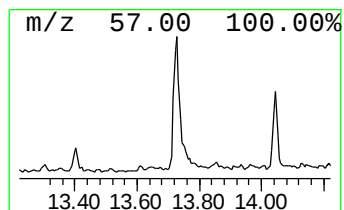
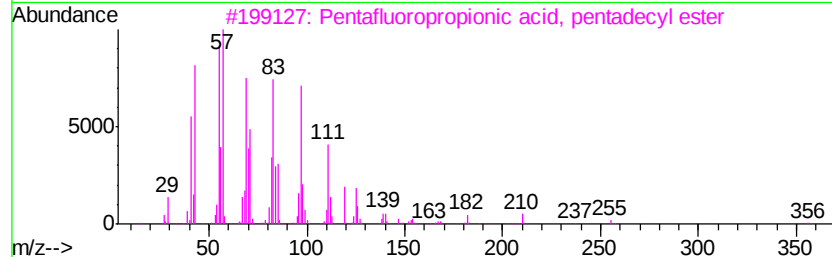
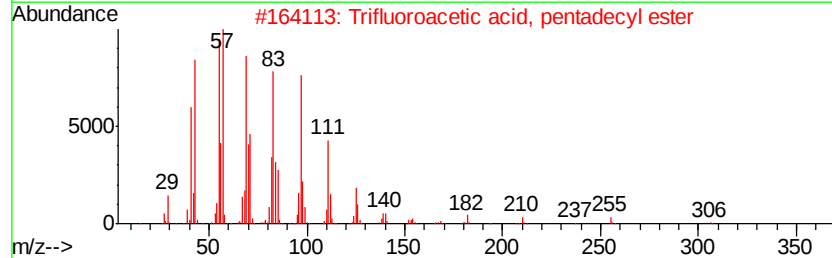
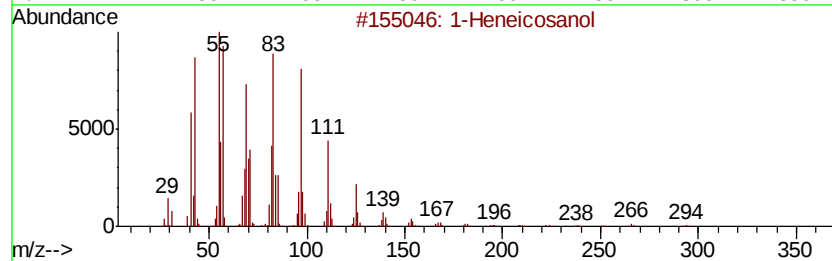
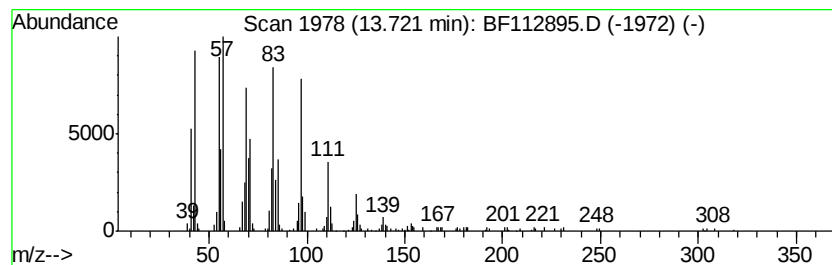
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Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.63 ng	463518	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



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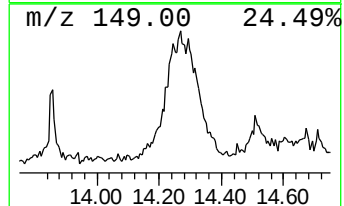
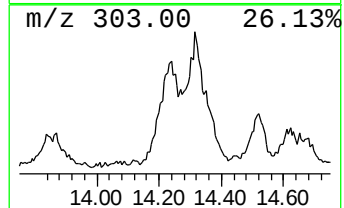
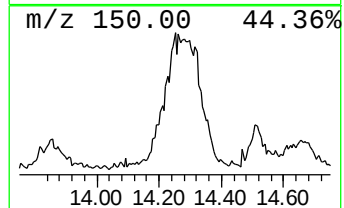
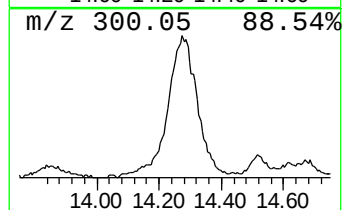
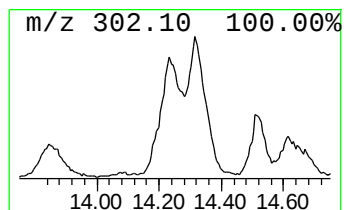
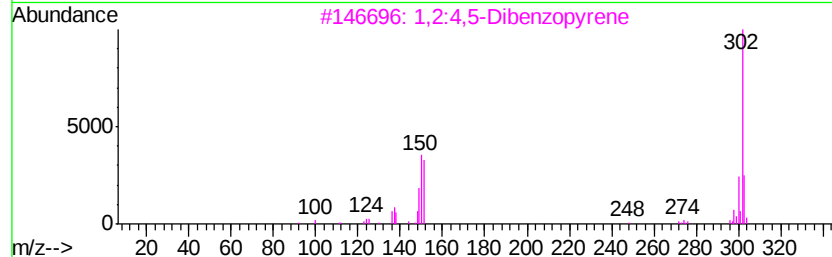
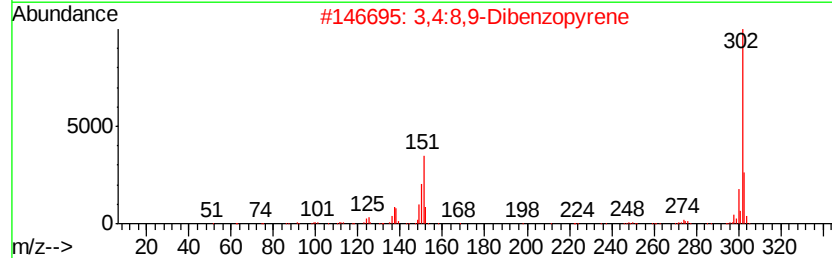
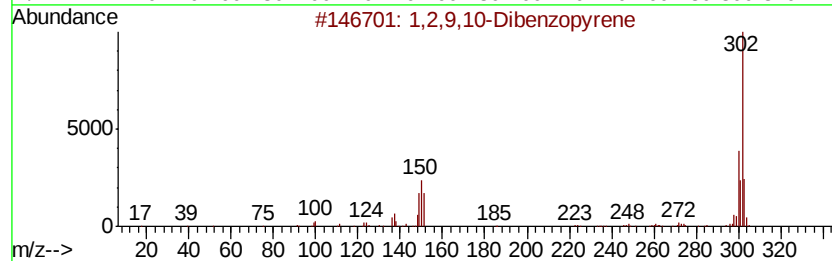
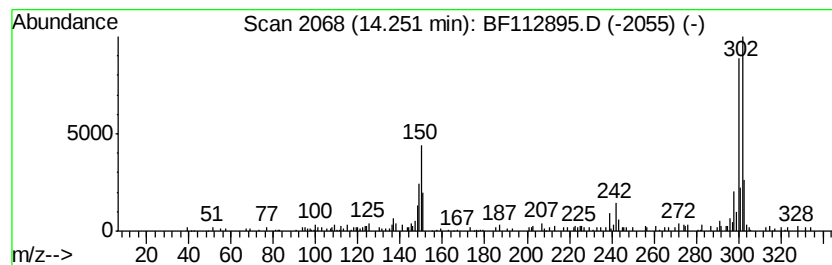
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,2,9,10-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.64 ng	299659	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	96
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	60
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
4		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	55
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	52



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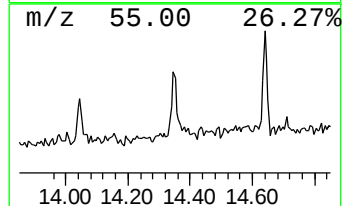
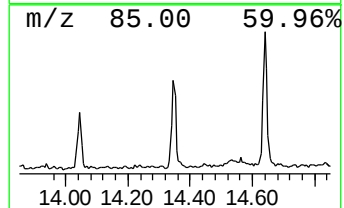
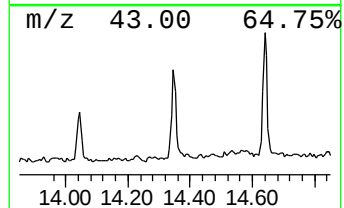
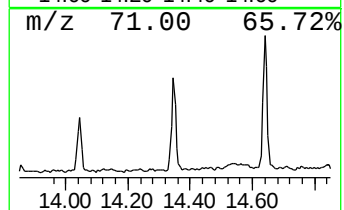
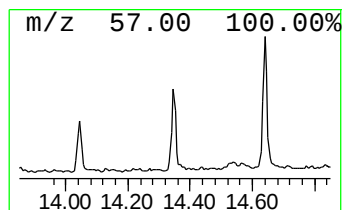
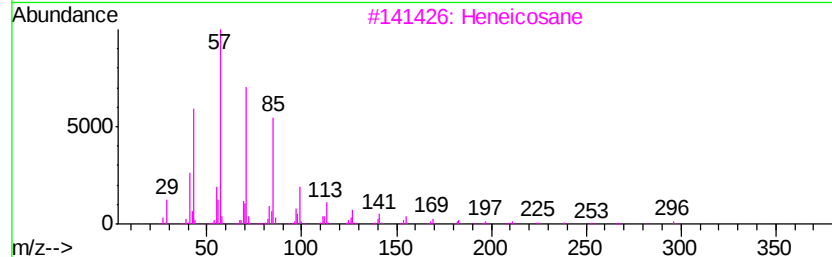
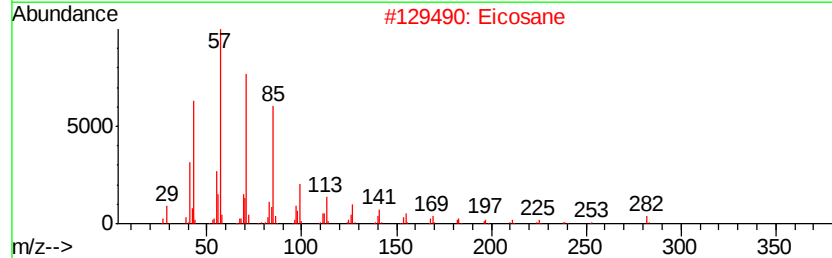
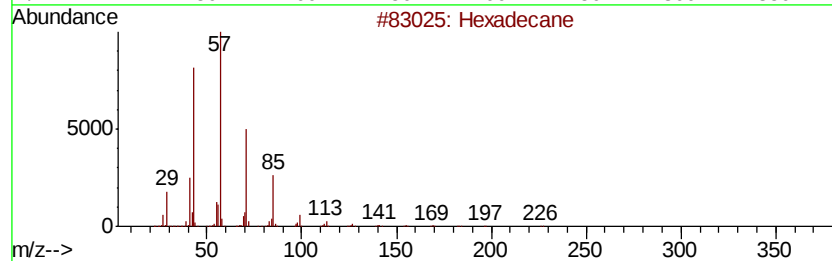
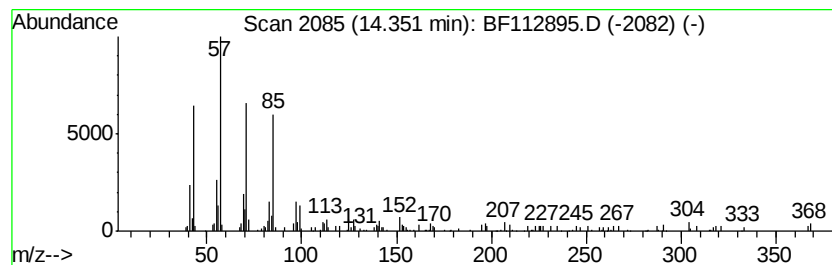
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Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.48 ng	286262	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Eicosane		282	C20H42	000112-95-8	94
3	Heneicosane		296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87
5	Tetracosane		338	C24H50	000646-31-1	87



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Sample : K1753-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-7

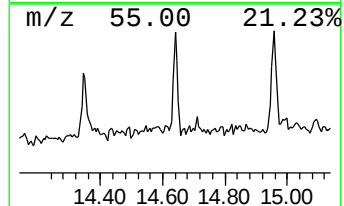
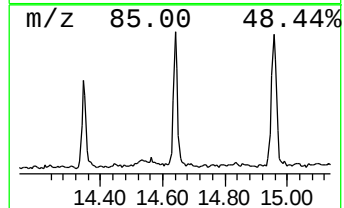
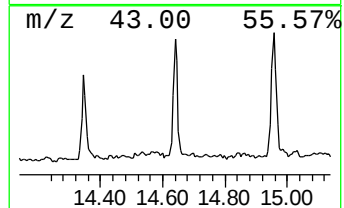
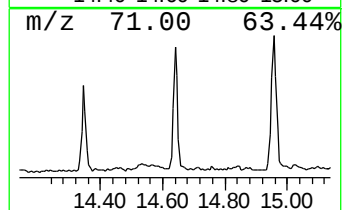
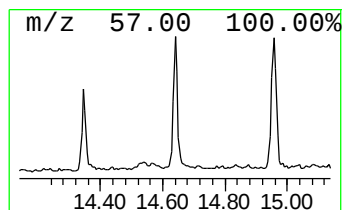
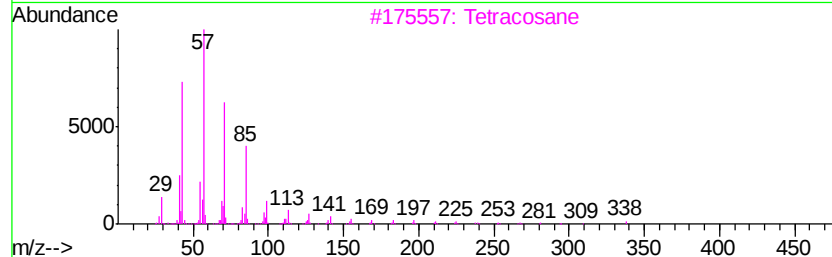
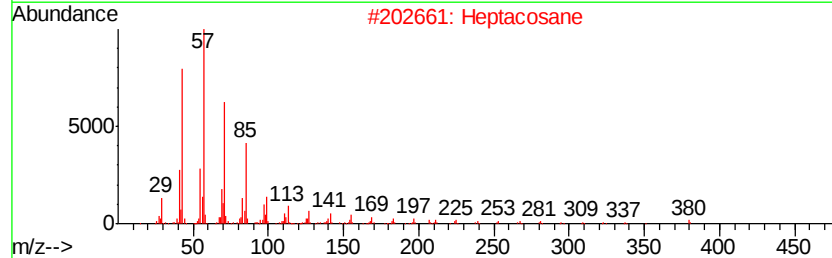
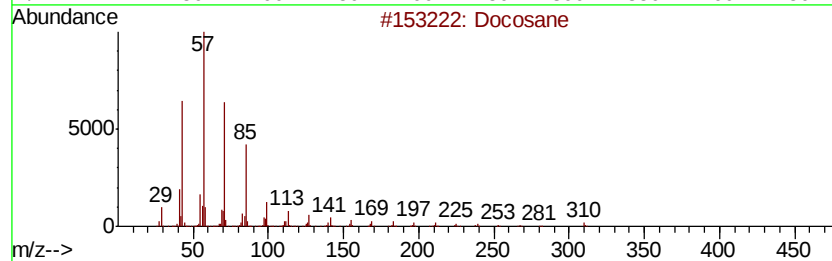
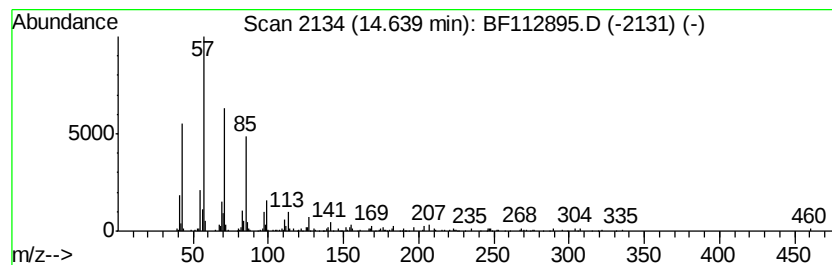
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.10 ng	176277	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112895.D
Acq On : 6 Mar 2019 21:28
Operator : JU/SJ
Sample : K1753-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-7

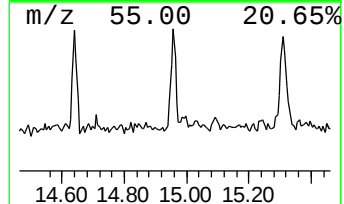
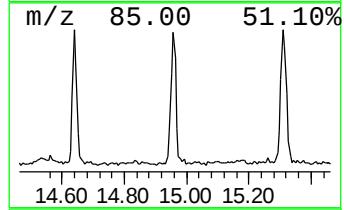
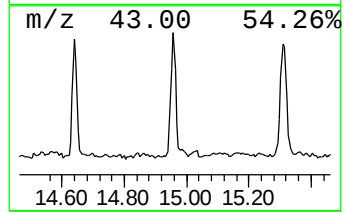
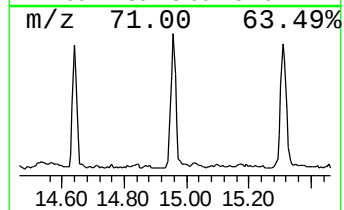
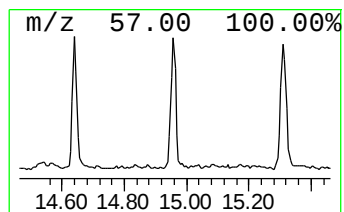
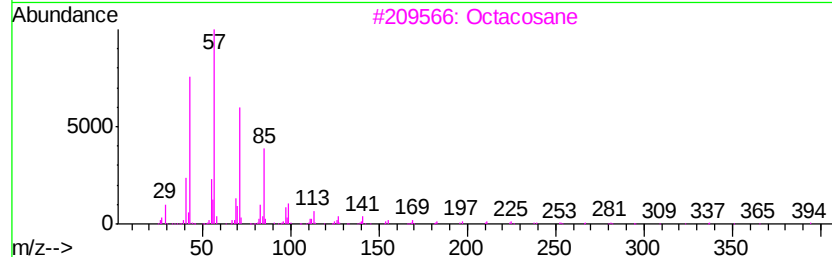
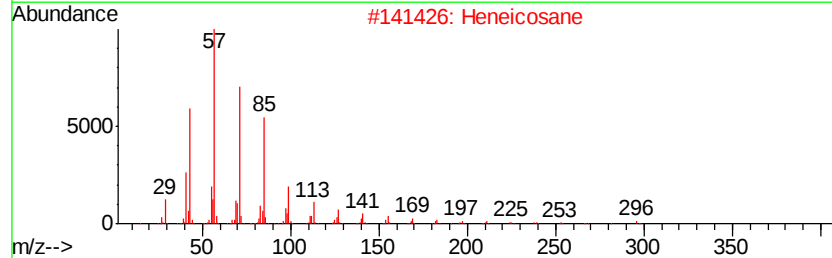
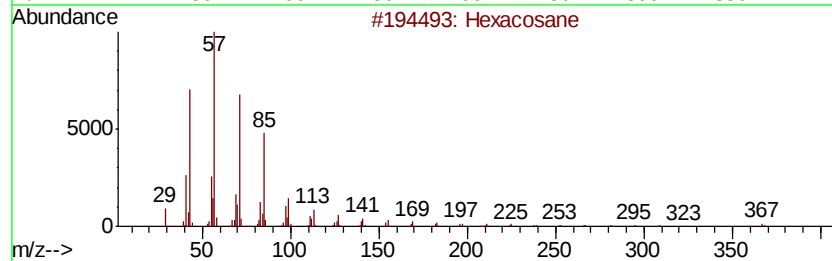
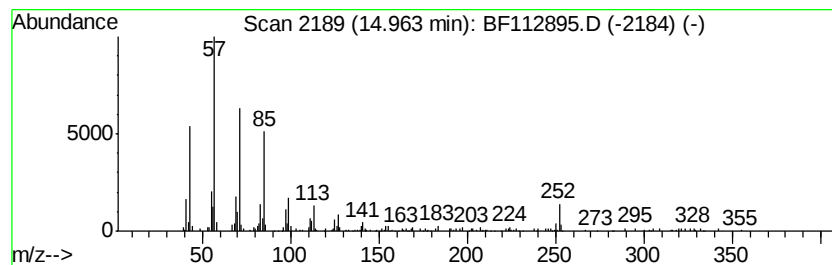
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.84 ng	238619	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112895.D
Acq On : 6 Mar 2019 21:28
Operator : JU/SJ
Sample : K1753-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-7

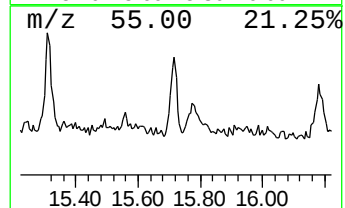
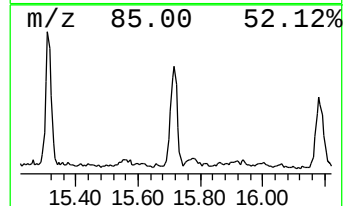
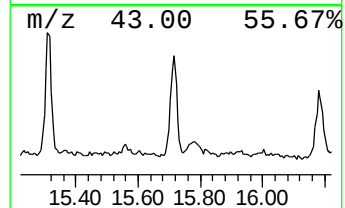
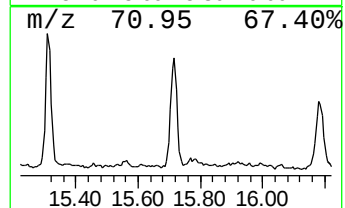
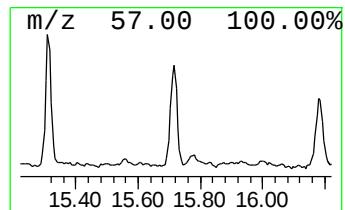
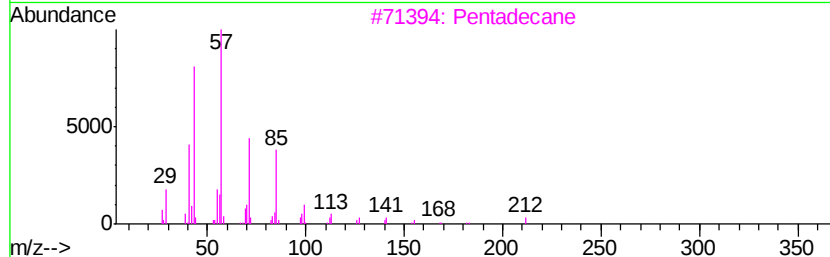
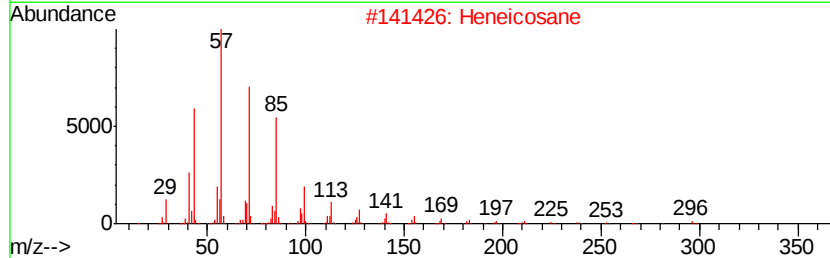
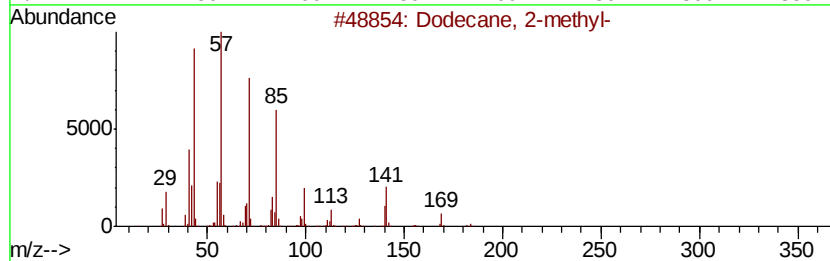
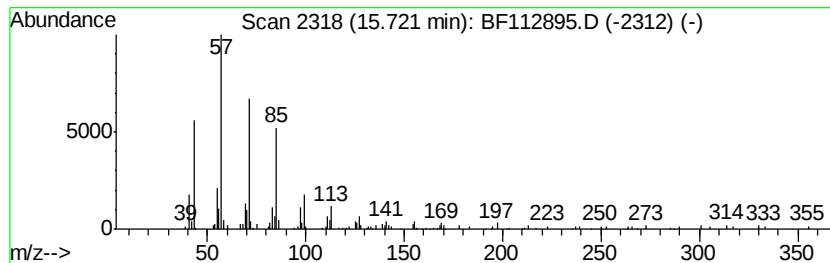
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.41 ng	202956	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112895.D
Acq On : 6 Mar 2019 21:28
Operator : JU/SJ
Sample : K1753-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-7

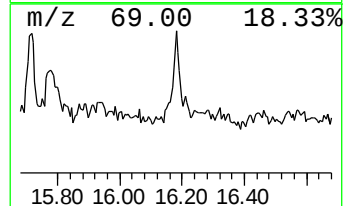
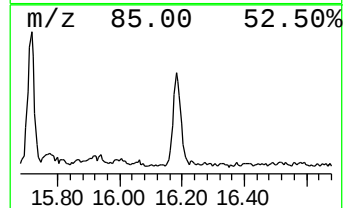
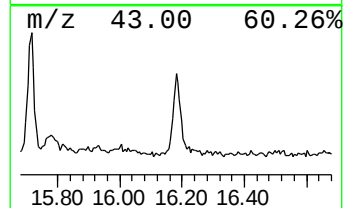
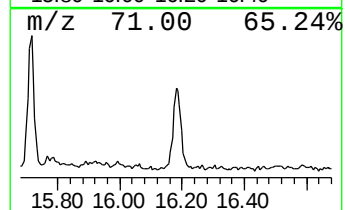
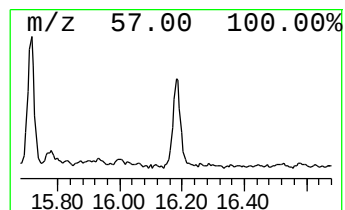
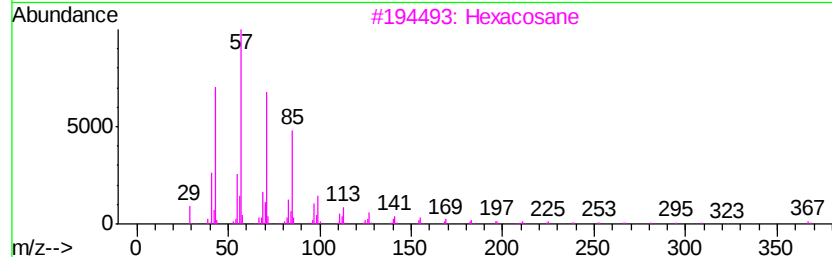
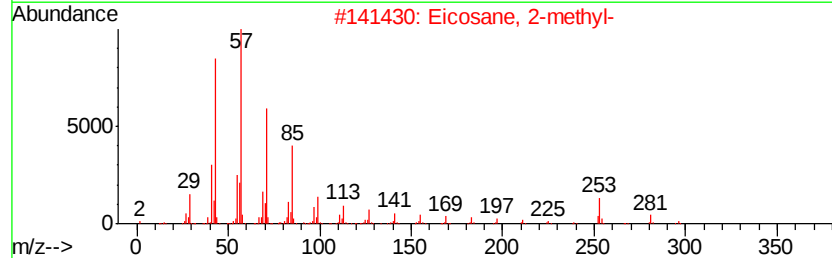
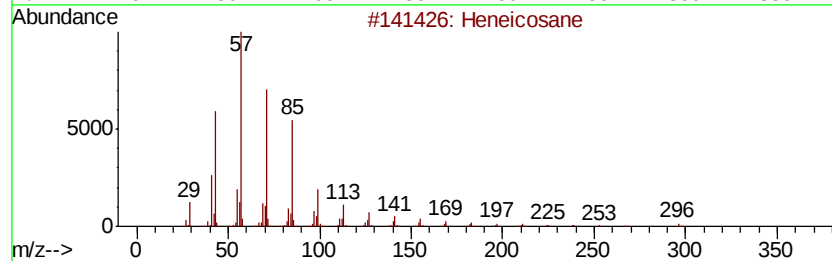
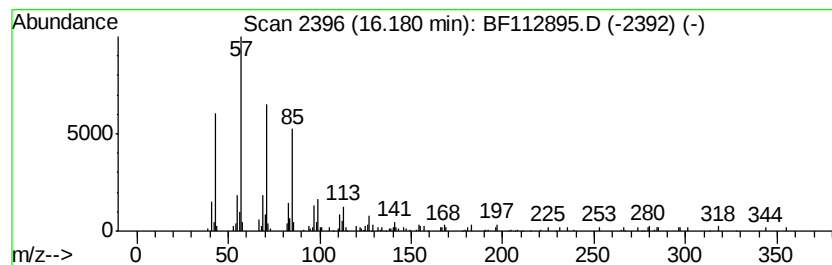
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.19 ng	184017	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Eicosane, 2-methyl-		296	C21H44	001560-84-5	93
3	Hexacosane		366	C26H54	000630-01-3	90
4	Octacosane		394	C28H58	000630-02-4	87
5	2-methyloctacosane		408	C29H60	1000376-72-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112895.D
Acq On : 6 Mar 2019 21:28
Operator : JU/SJ
Sample : K1753-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
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n-Hexadecanoic acid	11.77	4.5	ng	351395	4	11.24	1561570	20.0
1-Heneicosanol	13.72	5.6	ng	463518	5	13.86	1647350	20.0
1,2,9,10-Dibenzop...	14.25	3.6	ng	299659	5	13.86	1647350	20.0
Hexadecane	14.35	3.5	ng	286262	5	13.86	1647350	20.0
Docosane	14.64	2.1	ng	176277	6	15.26	1680840	20.0
Hexacosane	14.96	2.8	ng	238619	6	15.26	1680840	20.0
Dodecane, 2-methyl-	15.72	2.4	ng	202956	6	15.26	1680840	20.0
Heneicosane	16.18	2.2	ng	184017	6	15.26	1680840	20.0