

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
 Data File : BF120331.D
 Acq On : 15 May 2020 19:43
 Operator : MA/SJ
 Sample : L2663-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10025

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-BF051420.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	5.222	530	533	559	rBV	3696069	4287018	73.70%	8.093%
2	5.557	587	590	601	rBV	58430	105669	1.82%	0.199%
3	5.881	642	645	649	rBV4	29171	59524	1.02%	0.112%
4	6.263	707	710	734	rBV	3569550	4386079	75.41%	8.280%
5	6.610	766	769	780	rBV	1305883	1666209	28.65%	3.145%
6	6.769	792	796	818	rBV	3231152	3613487	62.12%	6.821%
7	7.181	862	866	896	rBV	2494558	2976365	51.17%	5.619%
8	7.898	984	988	1009	rBV	2096696	2334268	40.13%	4.407%
9	8.975	1166	1171	1184	rBV	5946745	5816500	100.00%	10.980%
10	9.369	1235	1238	1246	rVB	624893	619510	10.65%	1.169%
11	9.645	1281	1285	1289	rBV	2813876	2789884	47.96%	5.267%
12	9.680	1289	1291	1303	rVB	169140	205427	3.53%	0.388%
13	10.439	1416	1420	1438	rBV	2971680	3352446	57.64%	6.329%
14	11.127	1534	1537	1546	rBV	2592711	2813381	48.37%	5.311%
15	11.674	1626	1630	1639	rBV2	586398	691670	11.89%	1.306%
16	12.339	1739	1743	1750	rBV	467393	494516	8.50%	0.934%
17	12.457	1761	1763	1776	rBV2	198362	338122	5.81%	0.638%
18	12.569	1776	1782	1786	rBV	400862	497392	8.55%	0.939%
19	12.716	1803	1807	1816	rBV	4899849	5362082	92.19%	10.122%
20	12.898	1835	1838	1842	rVB2	68040	79337	1.36%	0.150%
21	12.957	1842	1848	1852	rBV4	74124	132504	2.28%	0.250%
22	13.004	1853	1856	1862	rVB2	55050	81266	1.40%	0.153%
23	13.263	1896	1900	1904	rBV	550353	553391	9.51%	1.045%
24	13.621	1957	1961	1970	rBV2	597018	878603	15.11%	1.659%
25	13.768	1981	1986	1989	rBV	1915613	2245025	38.60%	4.238%
26	13.945	2013	2016	2021	rBV2	186600	202011	3.47%	0.381%
27	14.251	2065	2068	2070	rBV	317394	327371	5.63%	0.618%
28	14.274	2070	2072	2075	rVB2	148624	128873	2.22%	0.243%
29	14.327	2078	2081	2082	rBV	111423	117109	2.01%	0.221%
30	14.404	2091	2094	2098	rBV	474740	558849	9.61%	1.055%
31	14.492	2107	2109	2111	rBV	148191	114904	1.98%	0.217%
32	14.539	2115	2117	2120	rVV	441822	410045	7.05%	0.774%
33	14.574	2120	2123	2128	rVB	287568	327859	5.64%	0.619%
34	14.621	2128	2131	2133	rBV	153842	120319	2.07%	0.227%

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Sampling : 1 Min Area: 3 % of largest Peak
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35	14.651	2134	2136	2138	rBV	158099	115111	1.98%	0.217%
36	14.739	2148	2151	2154	rBV	133760	160398	2.76%	0.303%
37	14.768	2154	2156	2158	rBV	111874	105853	1.82%	0.200%
38	14.845	2165	2169	2172	rBV	702672	700706	12.05%	1.323%
39	15.045	2200	2203	2208	rVB	117846	164279	2.82%	0.310%
40	15.104	2209	2213	2217	rVB	154930	197023	3.39%	0.372%
41	15.157	2218	2222	2225	rVV	1302331	1593838	27.40%	3.009%
42	15.186	2225	2227	2236	rVB	374172	431397	7.42%	0.814%
43	15.574	2289	2293	2298	rVB	377309	520176	8.94%	0.982%
44	16.021	2366	2369	2377	rVB3	105471	155275	2.67%	0.293%
45	16.474	2443	2446	2453	rVB2	79604	141998	2.44%	0.268%

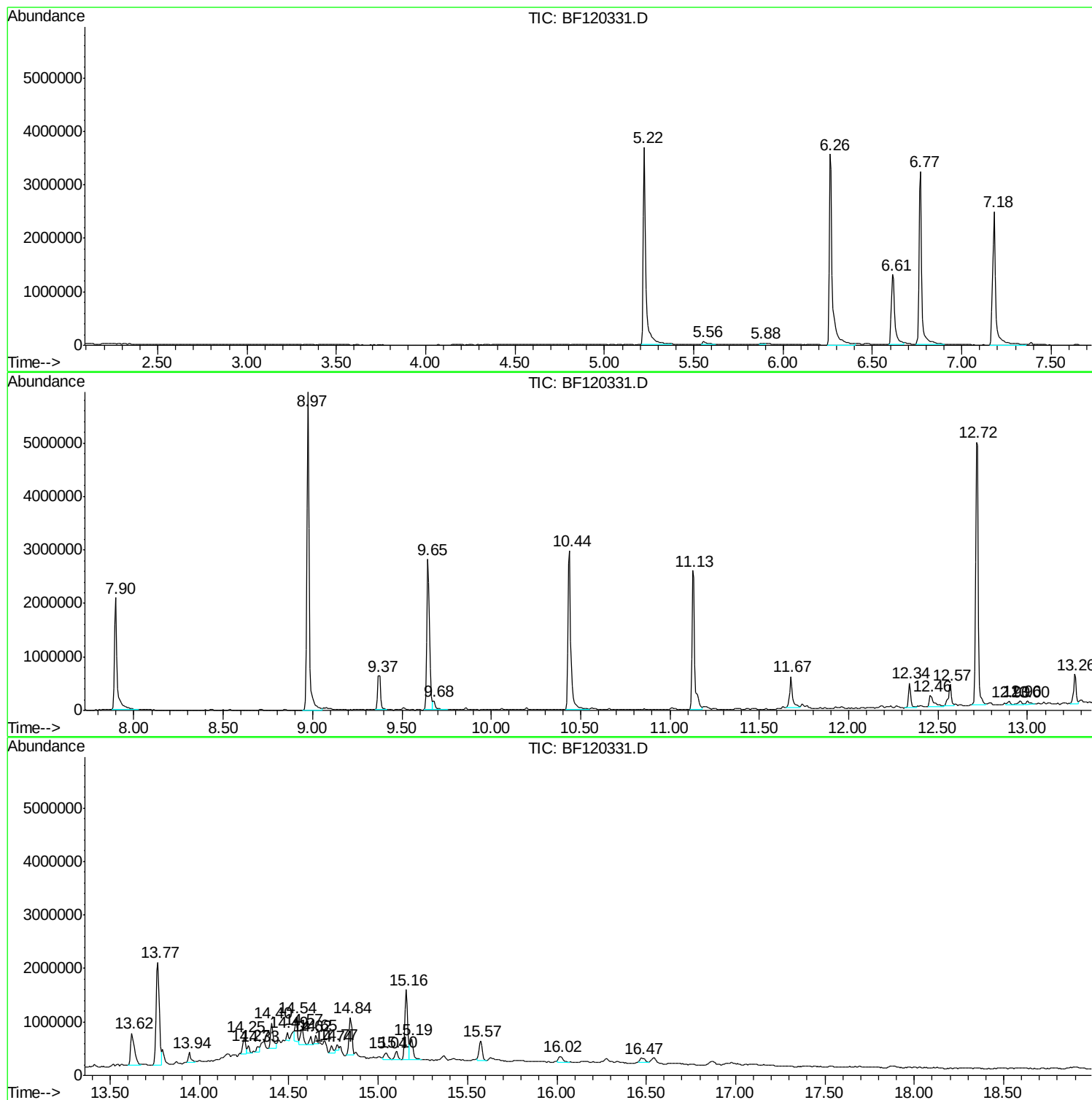
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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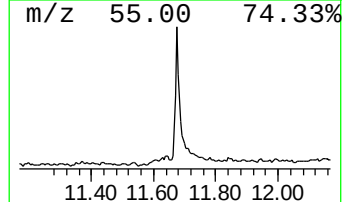
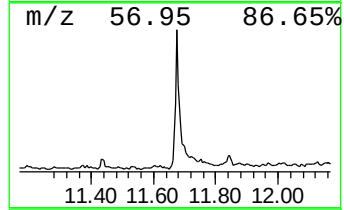
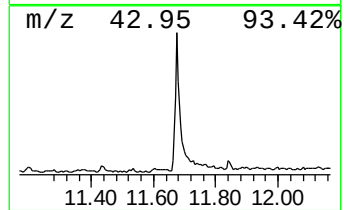
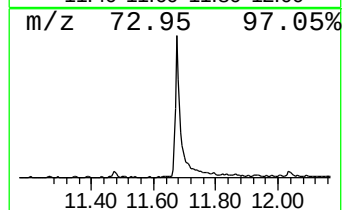
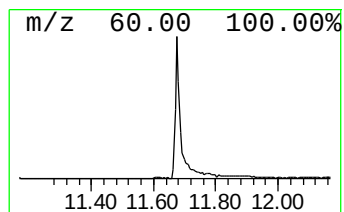
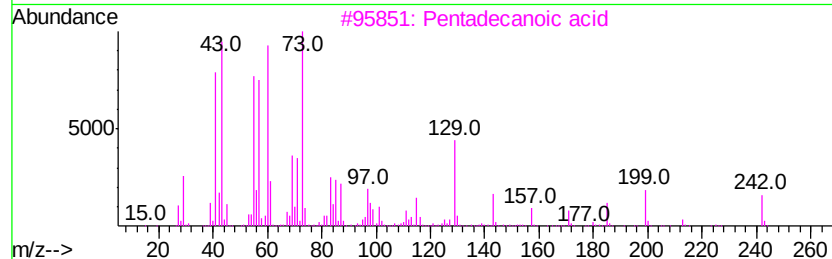
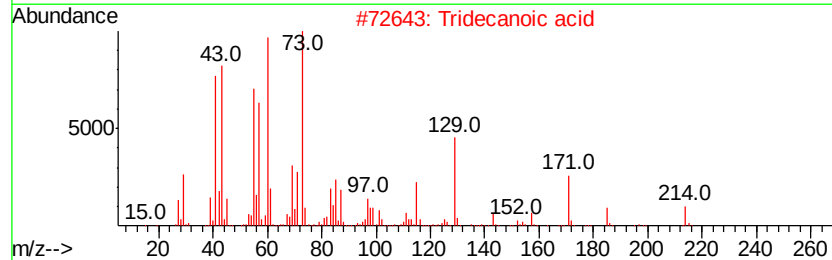
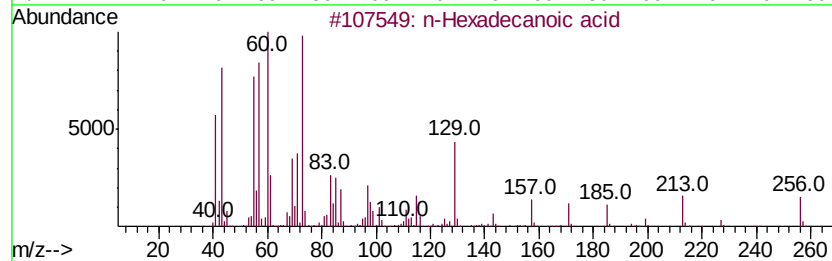
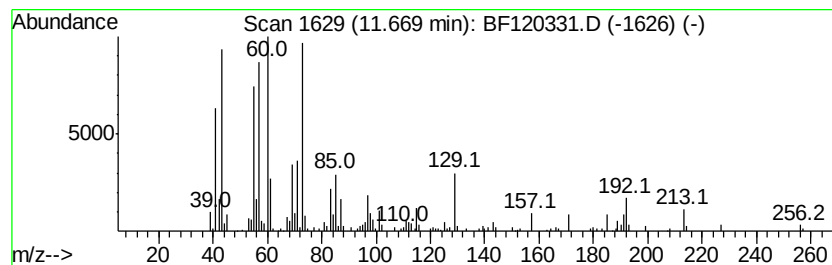
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.92 ng	691670	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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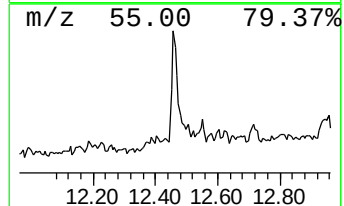
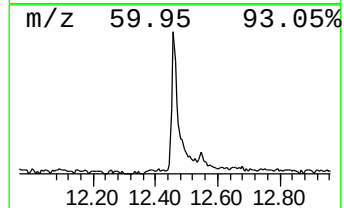
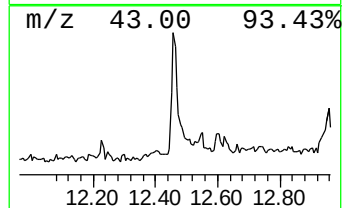
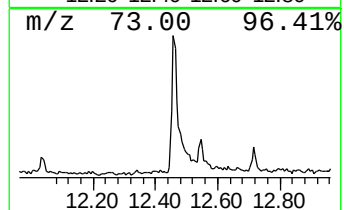
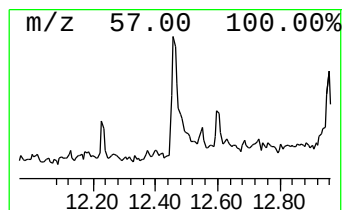
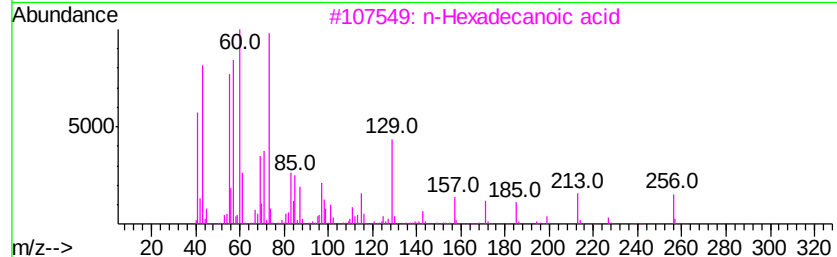
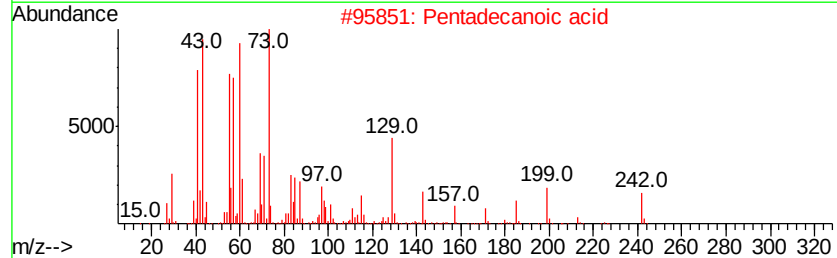
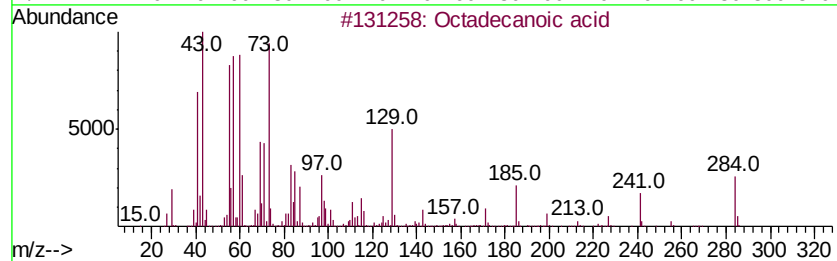
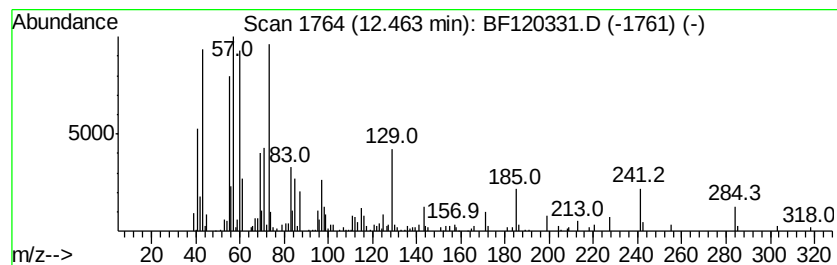
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.01 ng	338122	Chrysene-d12	13.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	30



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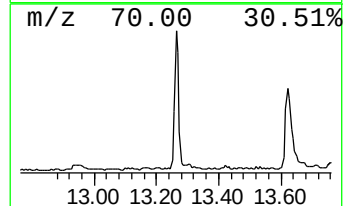
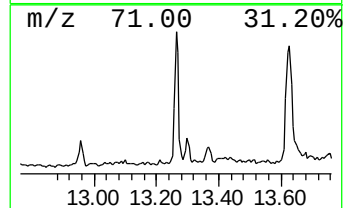
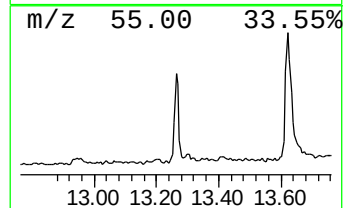
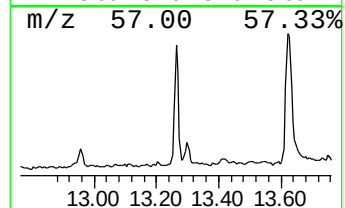
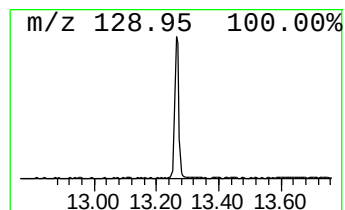
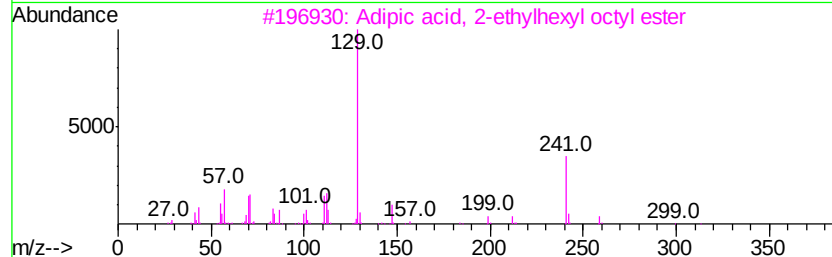
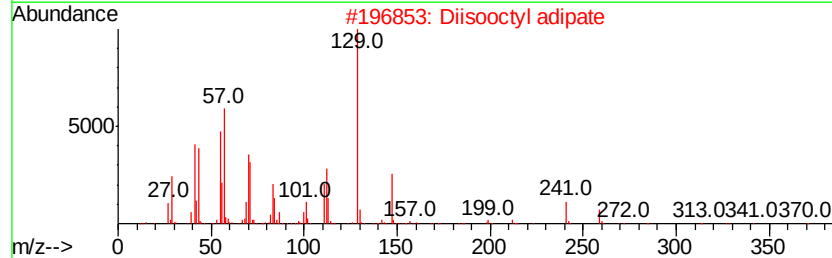
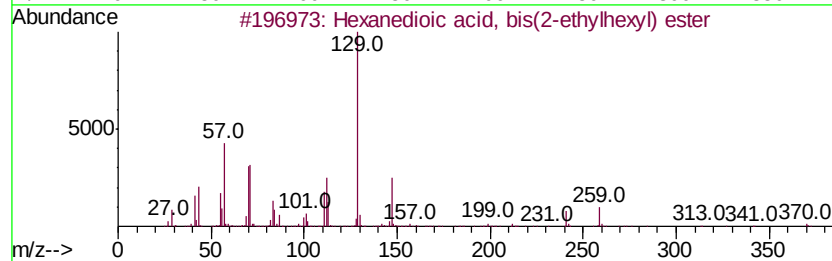
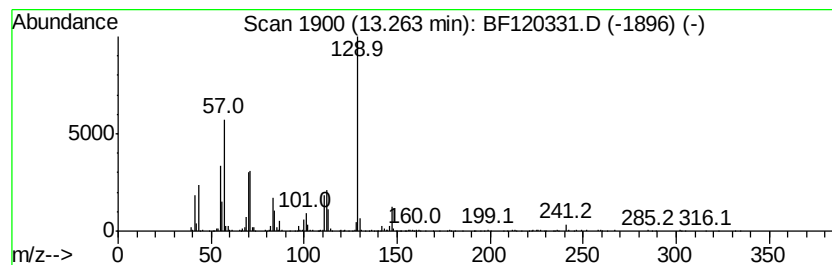
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.93 ng	553391	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	90
3		Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
4		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
5		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58



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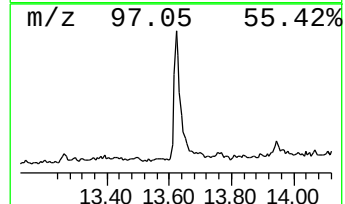
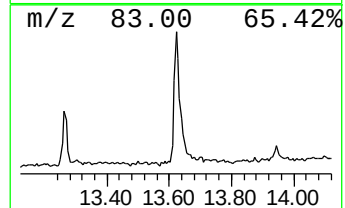
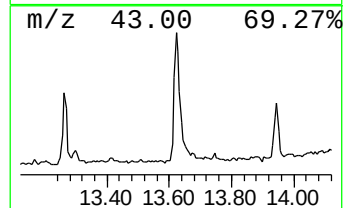
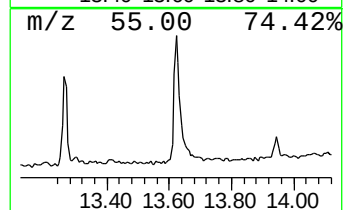
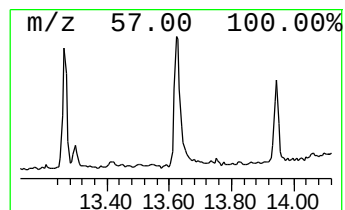
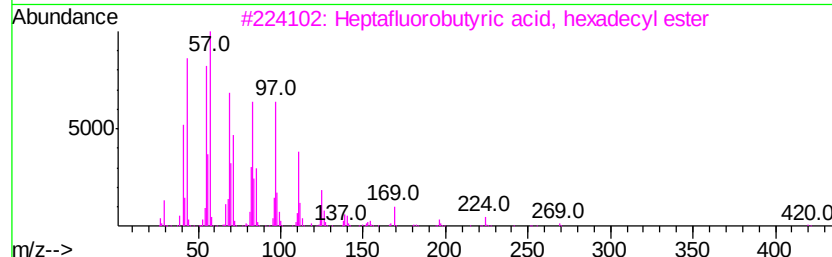
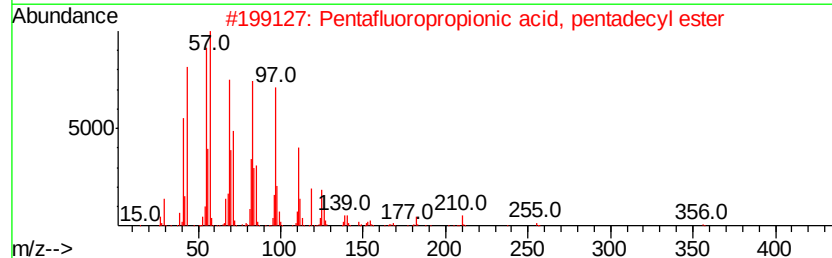
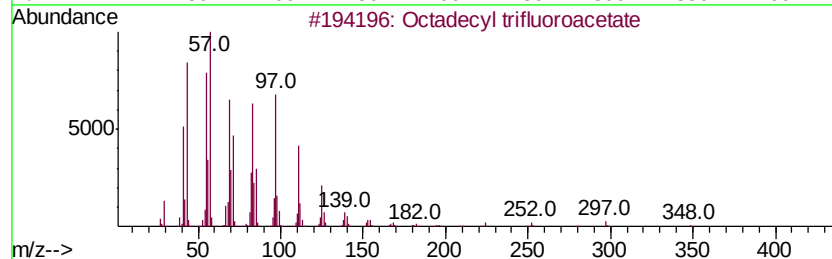
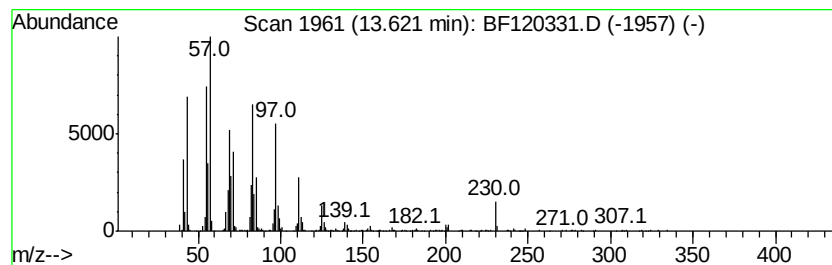
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Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.62	7.83 ng	878603	Chrysene-d12		13.77	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93



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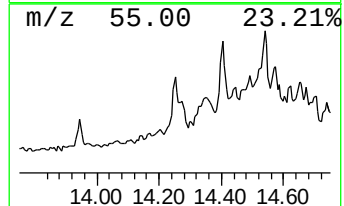
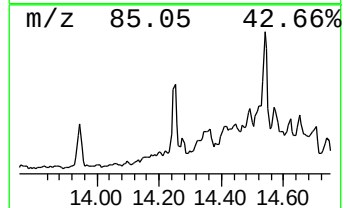
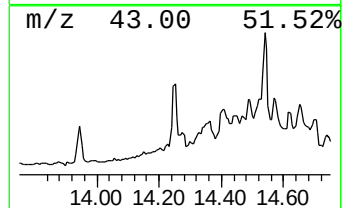
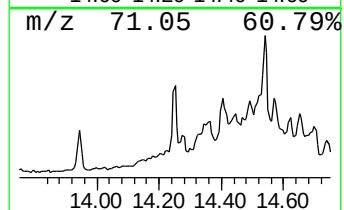
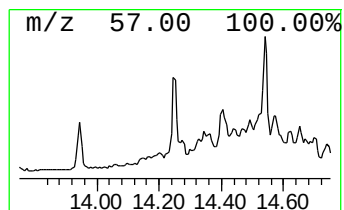
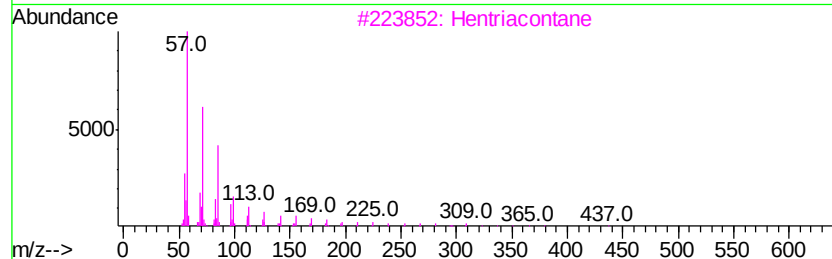
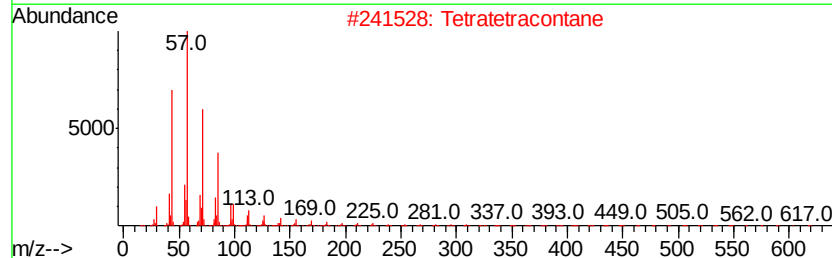
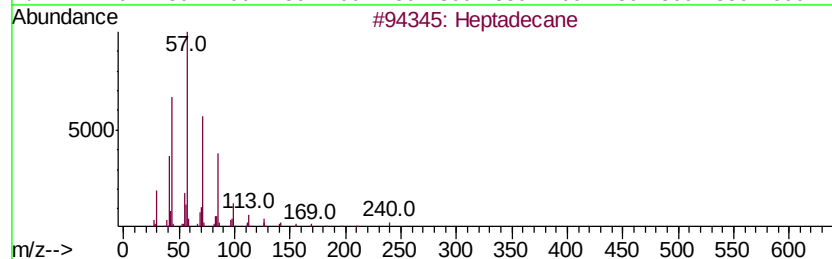
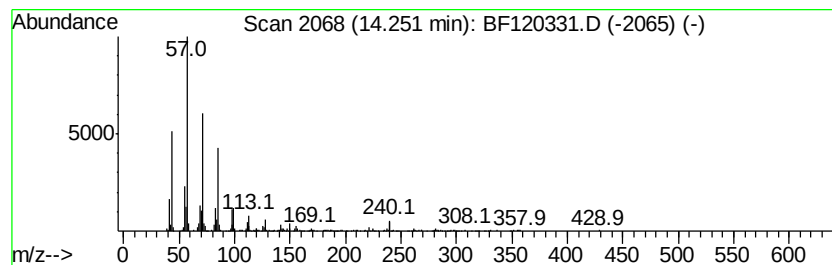
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.92 ng	327371	Chrysene-d12	13.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Tetratetracontane		619	C44H90	007098-22-8	83
3	Hentriacontane		437	C31H64	000630-04-6	83
4	Hexacosane		366	C26H54	000630-01-3	83
5	Tridecane, 7-propyl-		226	C16H34	055045-09-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120331.D
Acq On : 15 May 2020 19:43
Operator : MA/SJ
Sample : L2663-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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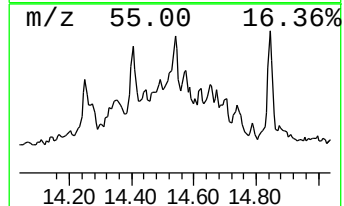
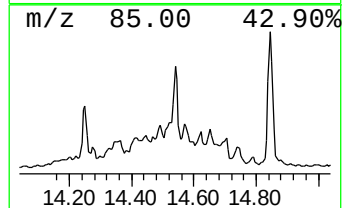
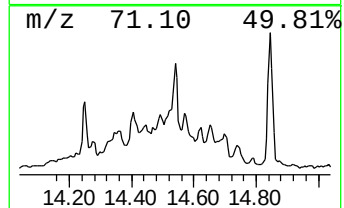
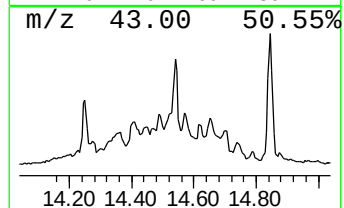
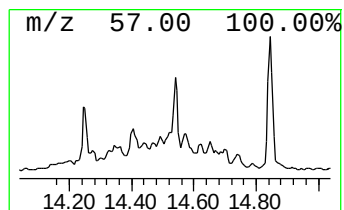
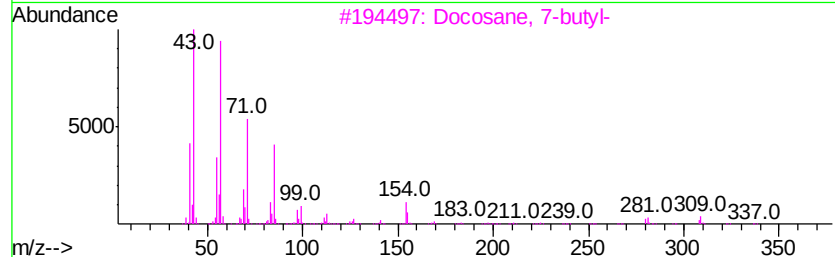
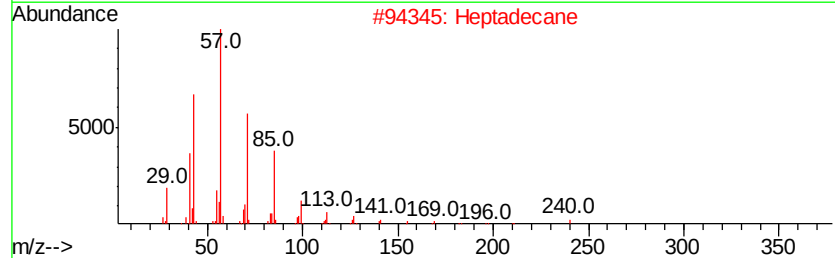
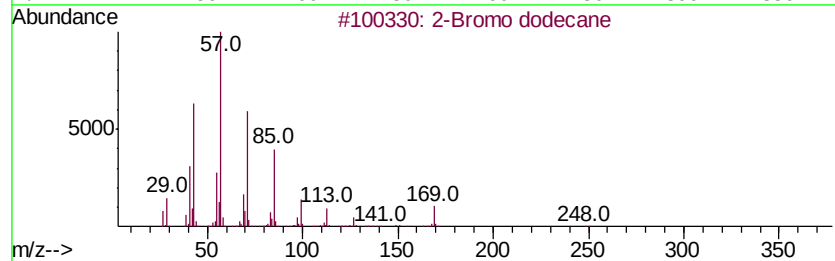
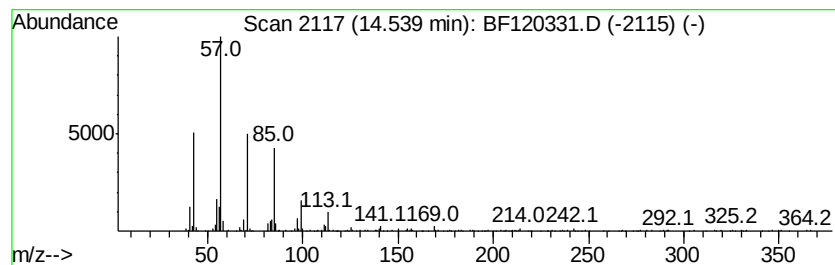
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.15 ng	410045	Perylene-d12	15.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2		Heptadecane	240	C17H36	000629-78-7	83
3		Docosane, 7-butyl-	366	C26H54	055282-15-0	78
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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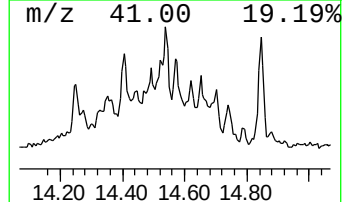
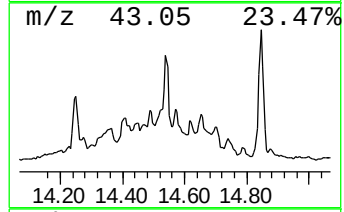
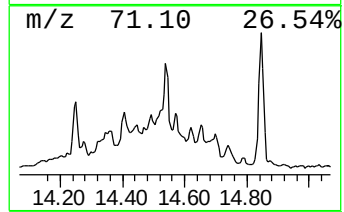
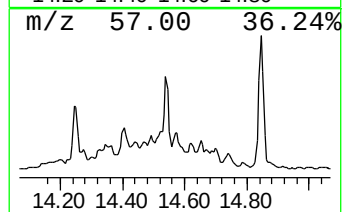
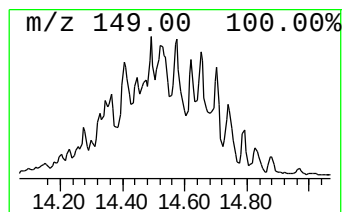
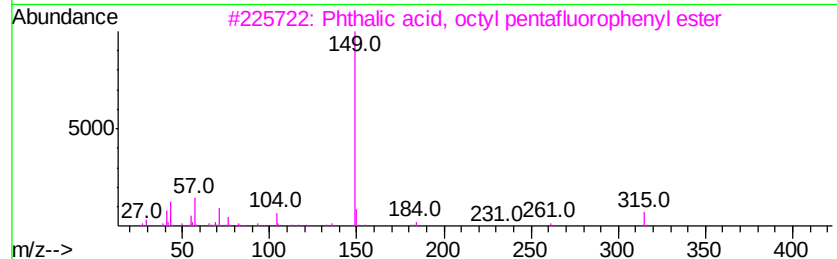
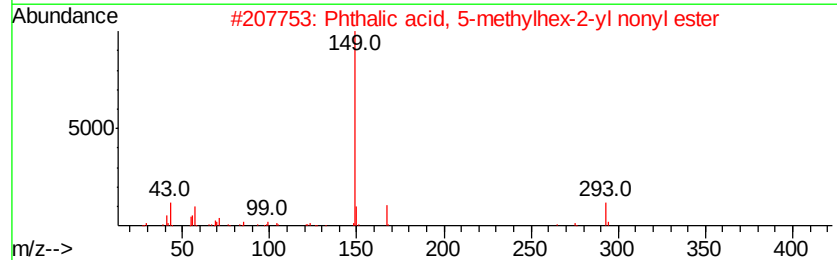
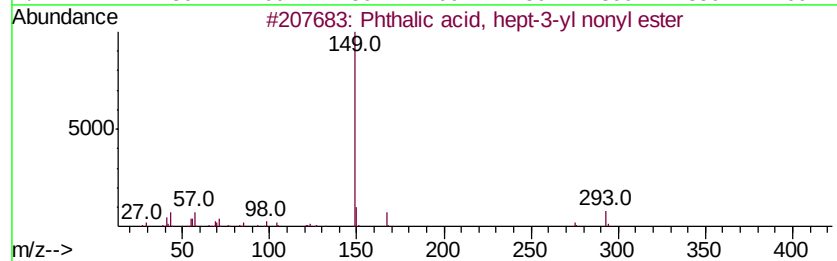
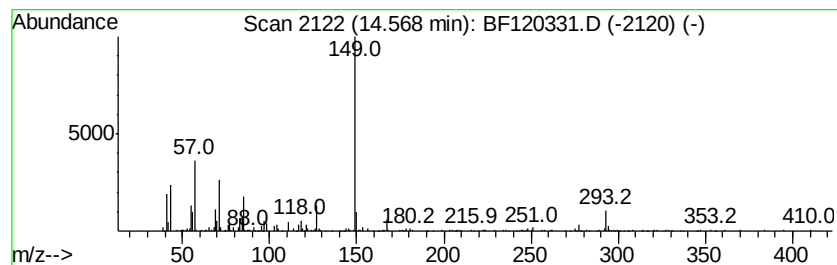
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, hept-3-yl no... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.57	4.11 ng	327859	Perylene-d12	15.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	53	
2	Phthalic acid, 5-methylhex-2-yl ...	390	C24H38O4	1000371-08-5	53	
3	Phthalic acid, octyl pentafluoro...	444	C22H21F5O4	1000356-30-2	53	
4	Phthalic acid, hexyl 4-methylhep...	362	C22H34O4	1000377-94-1	50	
5	Phthalic acid, butyl 3,3-dimethy...	306	C18H26O4	1000357-00-2	50	



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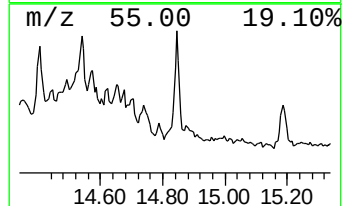
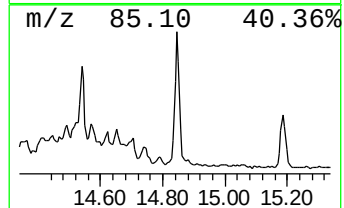
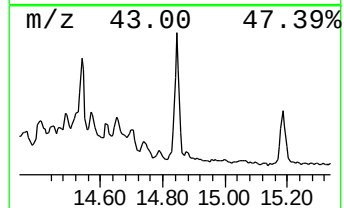
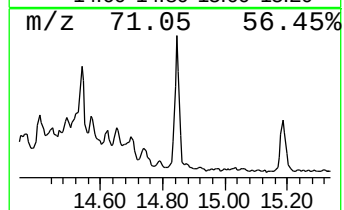
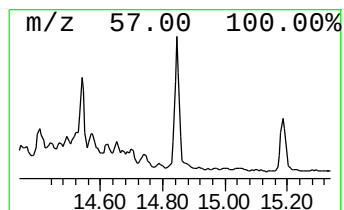
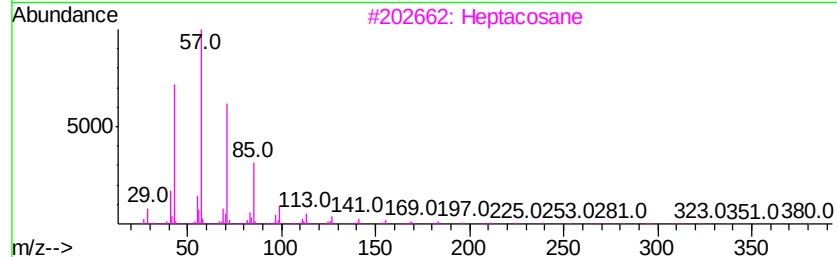
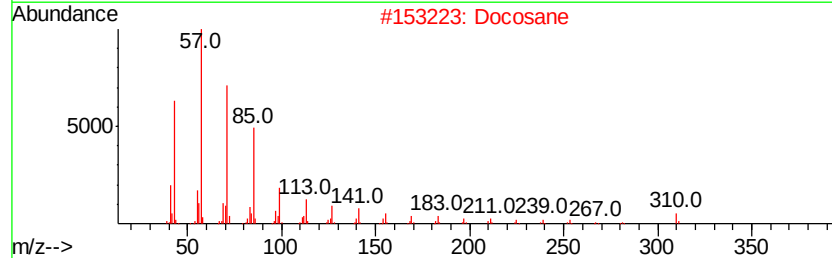
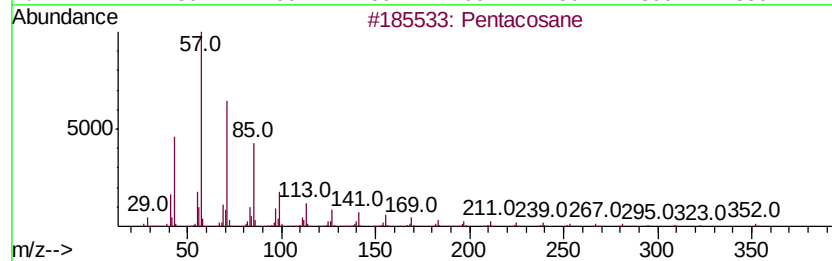
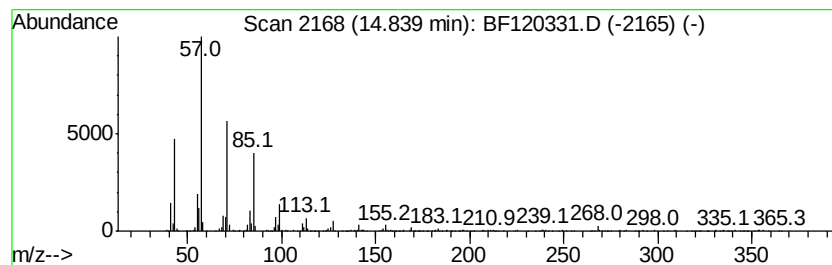
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	8.79 ng	700706	Perylene-d12	15.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	97
2	Docosane	310 C22H46	000629-97-0	97
3	Heptacosane	380 C27H56	000593-49-7	91
4	Heptadecane	240 C17H36	000629-78-7	91
5	Heneicosane	296 C21H44	000629-94-7	90



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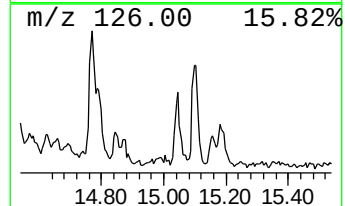
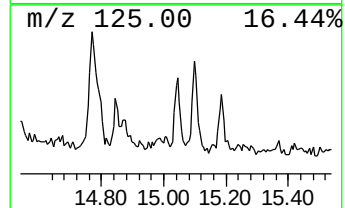
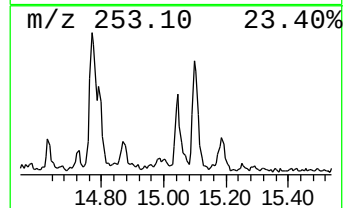
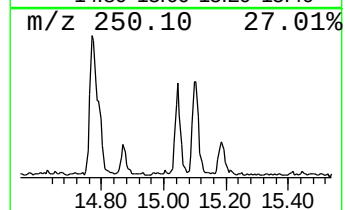
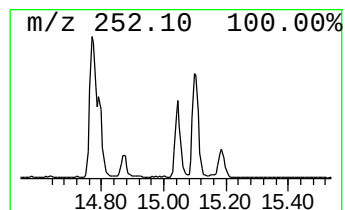
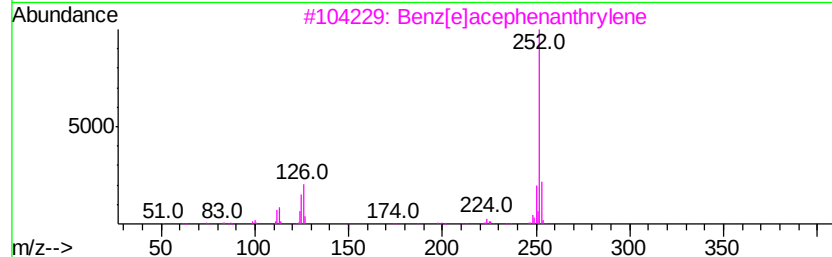
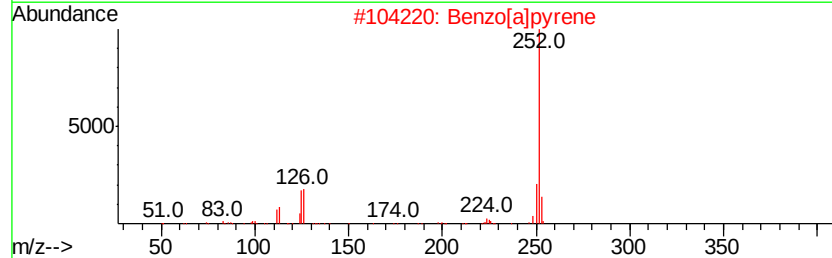
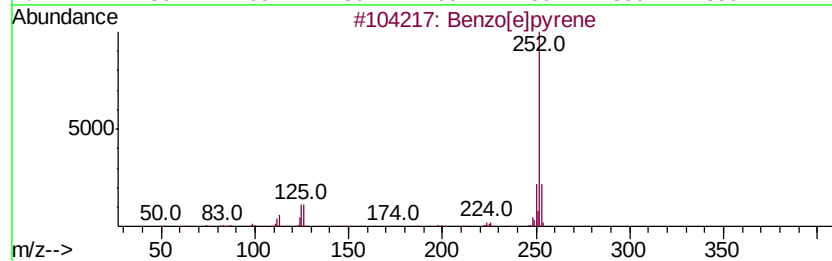
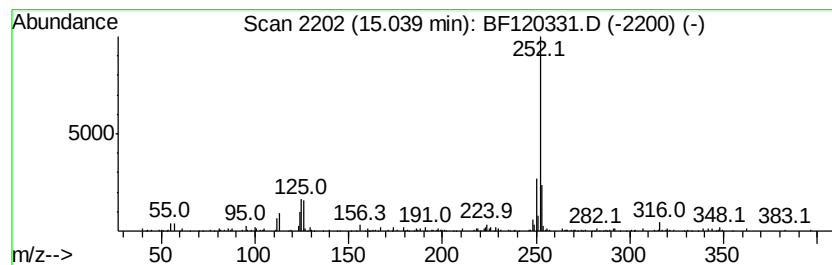
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.06 ng	164279	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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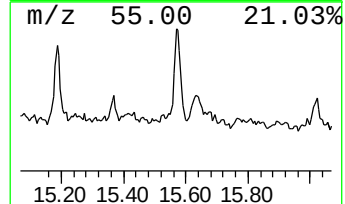
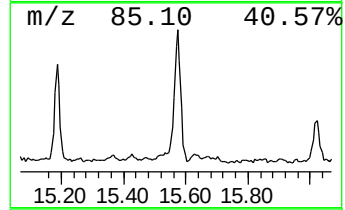
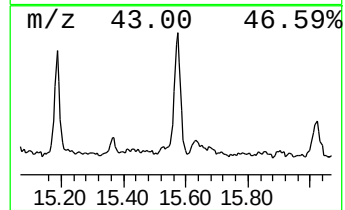
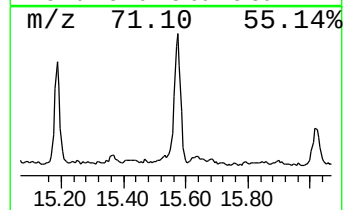
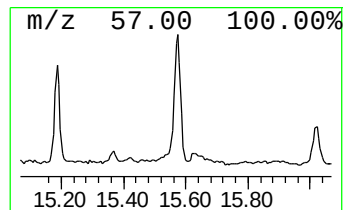
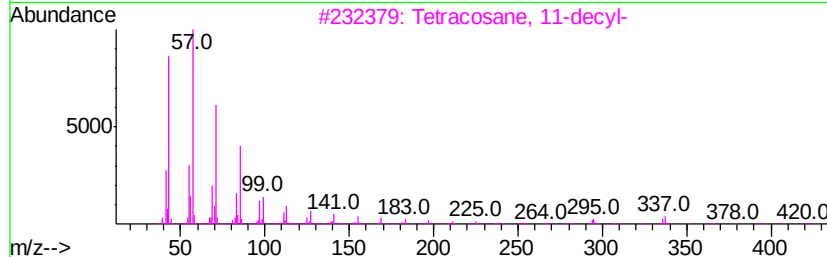
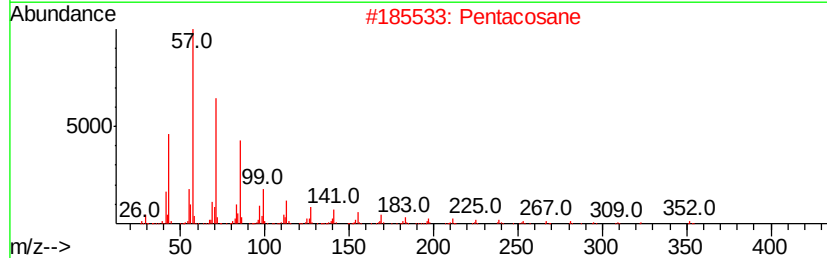
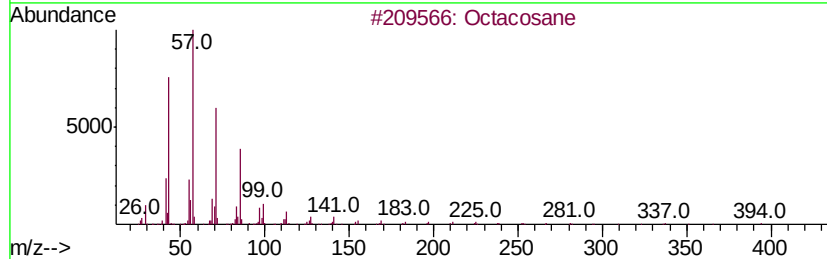
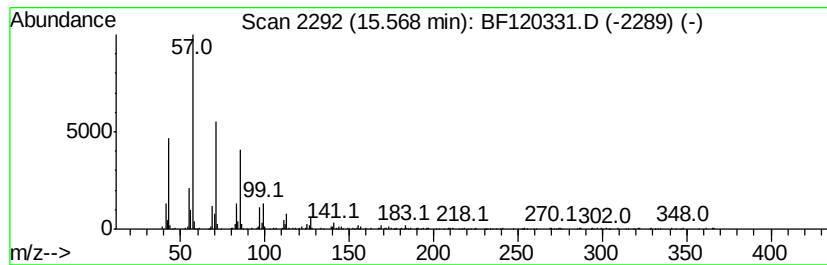
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	6.53 ng	520176	Perylene-d12	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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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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Octadecanoic acid	12.46	3.0 ng		338122	5	13.77	2245030	20.0
Hexanedioic acid,...	13.26	4.9 ng		553391	5	13.77	2245030	20.0
Octadecyl trifluo...	13.62	7.8 ng		878603	5	13.77	2245030	20.0
Heptadecane	14.25	2.9 ng		327371	5	13.77	2245030	20.0
2-Bromo dodecane	14.54	5.2 ng		410045	6	15.16	1593840	20.0
Phthalic acid, he...	14.57	4.1 ng		327859	6	15.16	1593840	20.0
Pentacosane	14.84	8.8 ng		700706	6	15.16	1593840	20.0
Benzo[e]pyrene	15.04	2.1 ng		164279	6	15.16	1593840	20.0
Octacosane	15.57	6.5 ng		520176	6	15.16	1593840	20.0