

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052019\
 Data File : BF114444.D
 Acq On : 21 May 2019 2:16
 Operator : JU/SJ
 Sample : K2943-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-4

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-BF051019.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	5.463	570	574	595	rBV	5226117	5323669	88.32%	10.035%
2	6.475	741	746	764	rBV	4974191	5740861	95.24%	10.822%
3	6.604	764	768	783	rVB	5689955	5441563	90.28%	10.257%
4	6.828	803	806	815	rBV	1431471	1180075	19.58%	2.224%
5	6.986	829	833	836	rBV	4779170	4204651	69.75%	7.926%
6	7.392	897	902	914	rBV	3734195	3606171	59.83%	6.798%
7	8.110	1020	1024	1044	rVB	1625000	1520459	25.22%	2.866%
8	9.186	1202	1207	1210	rBV	6396245	5908336	98.02%	11.137%
9	9.580	1270	1274	1287	rBV	778136	740585	12.29%	1.396%
10	9.839	1314	1318	1319	rBV	80731	84528	1.40%	0.159%
11	9.863	1319	1322	1333	rVB	1861783	1776033	29.46%	3.348%
12	10.657	1453	1457	1473	rBV	3983289	3924044	65.10%	7.397%
13	10.798	1477	1481	1483	rBV	62308	66646	1.11%	0.126%
14	11.351	1571	1575	1592	rBV	2014150	1859339	30.85%	3.505%
15	11.874	1660	1664	1680	rBV	243360	309385	5.13%	0.583%
16	12.657	1795	1797	1808	rBV	64403	84610	1.40%	0.159%
17	12.933	1839	1844	1848	rBV	5568250	6027745	100.00%	11.362%
18	13.157	1876	1882	1889	rBV	58056	78483	1.30%	0.148%
19	13.498	1937	1940	1943	rVB	81611	62851	1.04%	0.118%
20	13.827	1992	1996	2013	rBV2	244695	503340	8.35%	0.949%
21	13.992	2020	2024	2033	rVB	1663051	1643586	27.27%	3.098%
22	14.139	2046	2049	2052	rBV	136764	118171	1.96%	0.223%
23	14.445	2097	2101	2104	rBV	183836	180851	3.00%	0.341%
24	14.745	2147	2152	2162	rBV	196074	239778	3.98%	0.452%
25	14.821	2162	2165	2169	rVB	85680	80346	1.33%	0.151%
26	15.080	2205	2209	2215	rVB	224639	265253	4.40%	0.500%
27	15.456	2268	2273	2284	rBV	1163704	1639054	27.19%	3.090%
28	15.874	2339	2344	2350	rBV	158002	232671	3.86%	0.439%
29	16.374	2423	2429	2433	rBV2	68054	123511	2.05%	0.233%
30	16.951	2523	2527	2536	rVB4	45193	83667	1.39%	0.158%

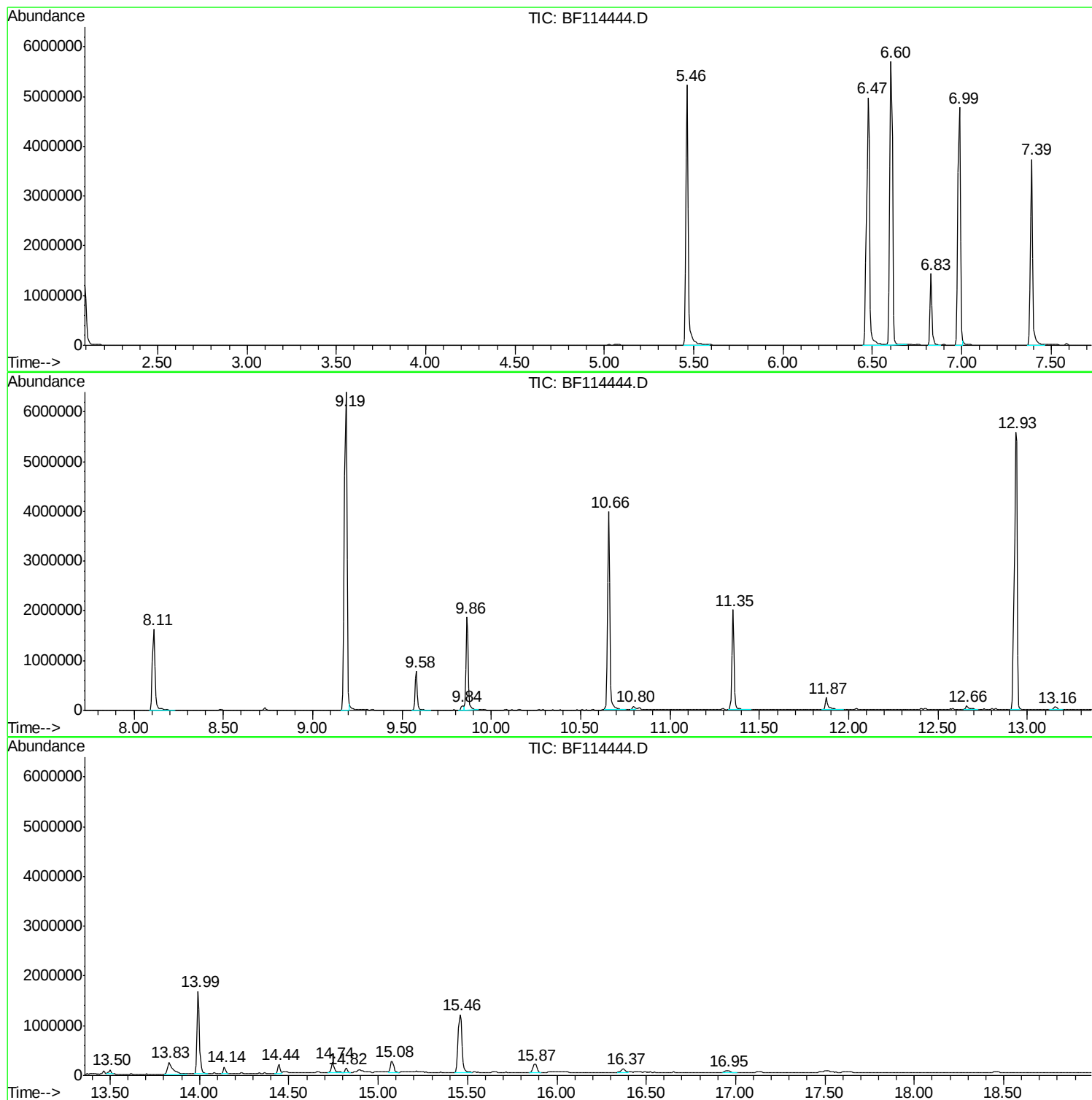
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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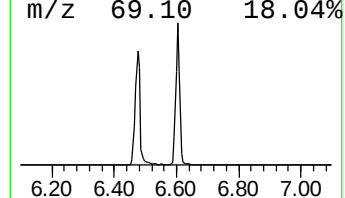
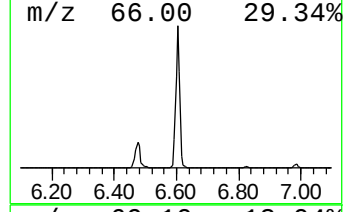
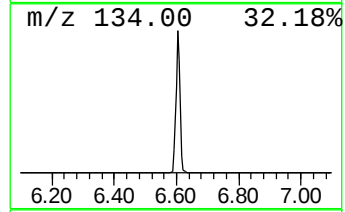
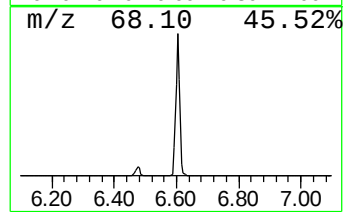
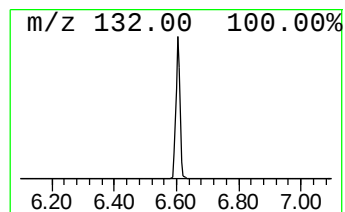
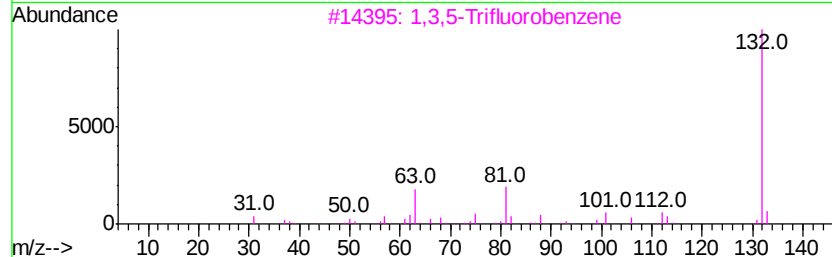
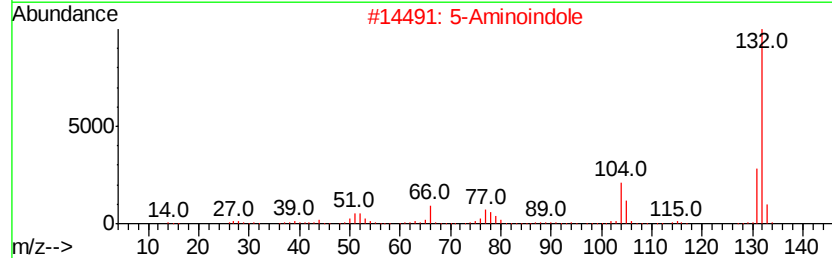
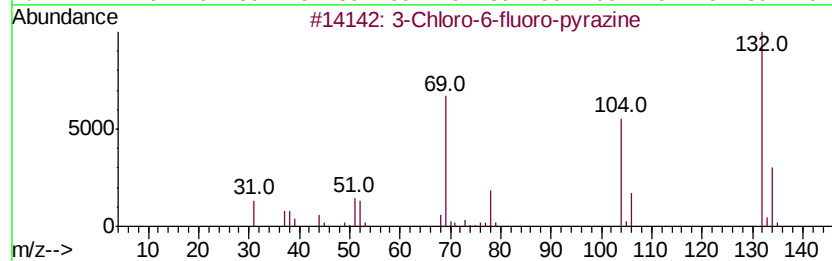
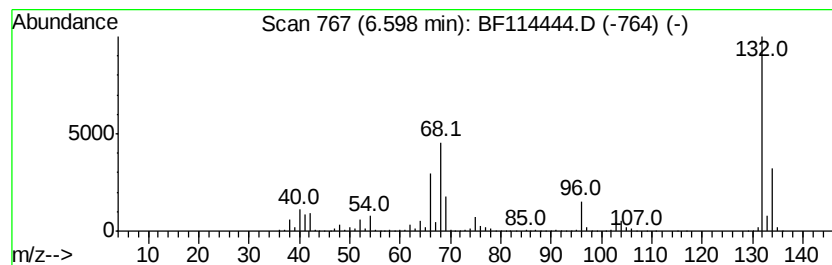
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	92.22 ng	5441560	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	1,3,5-Trifluorobenzene			132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...			132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-			132	C10H12	005379-20-4	9



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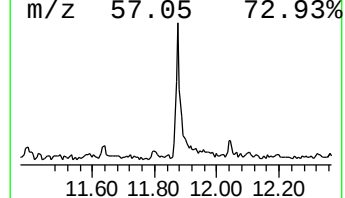
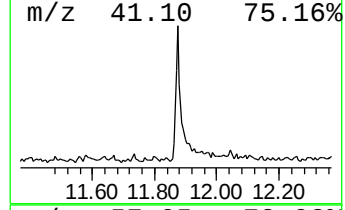
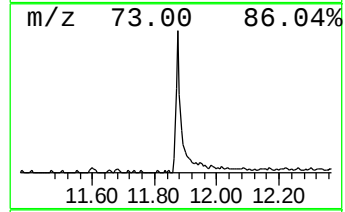
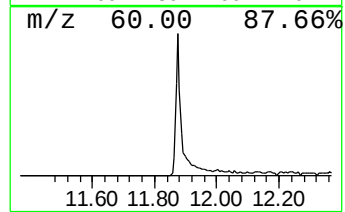
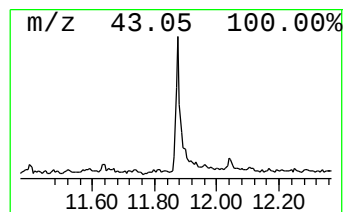
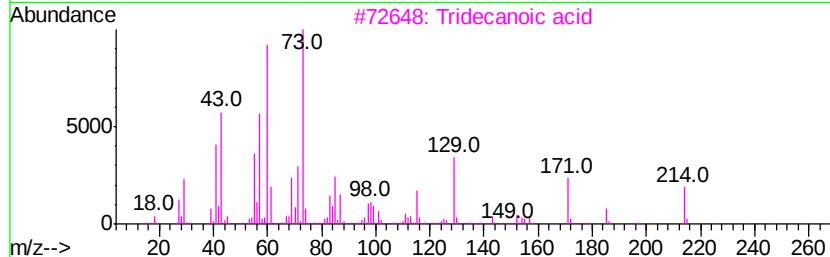
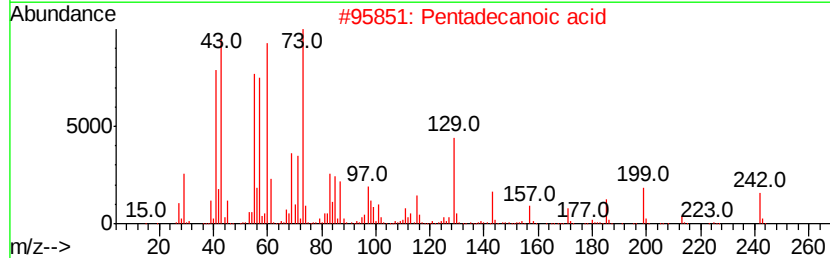
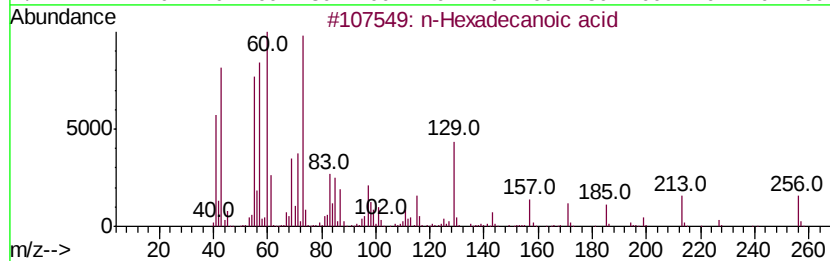
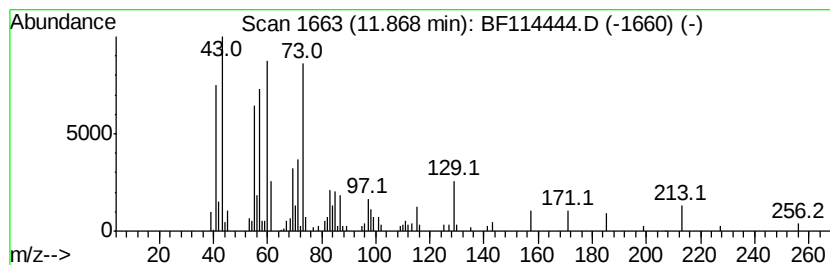
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.33 ng	309385	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	14
5		Hexadecane	226	C16H34	000544-76-3	11



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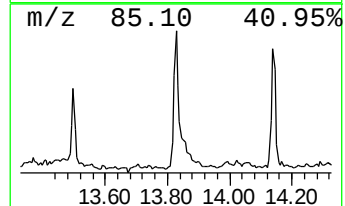
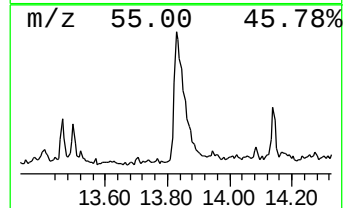
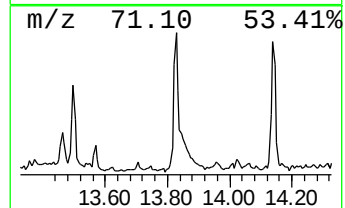
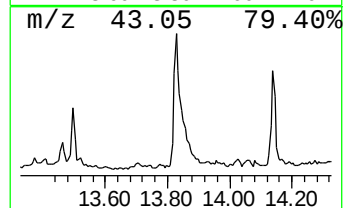
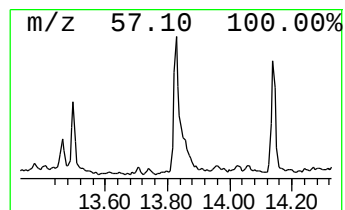
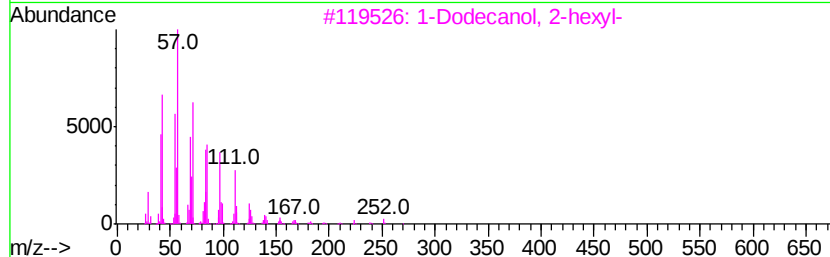
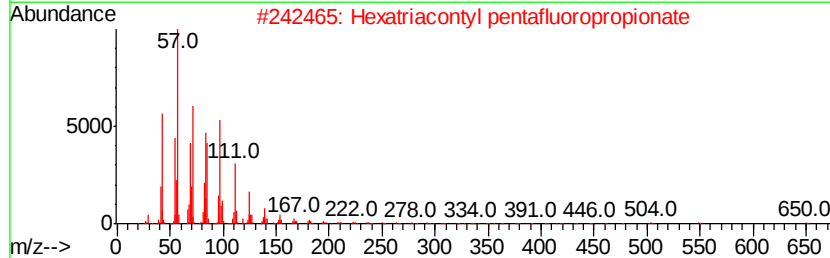
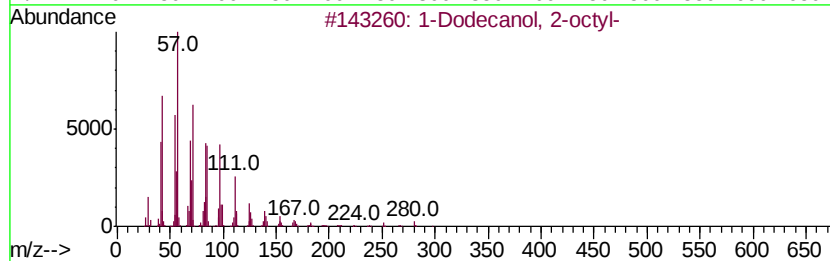
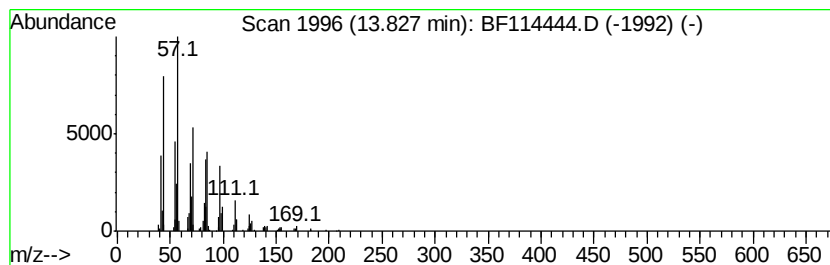
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Peak Number 4 1-Dodecanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.12 ng	503340	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80



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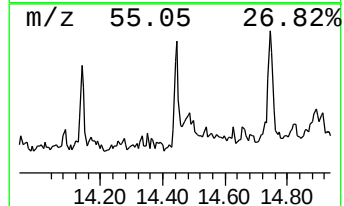
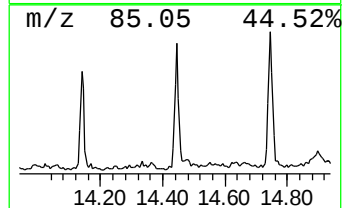
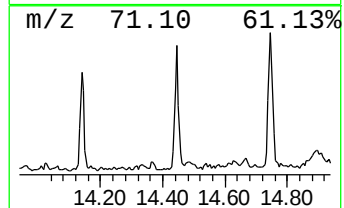
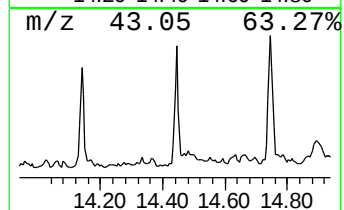
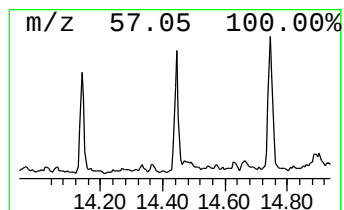
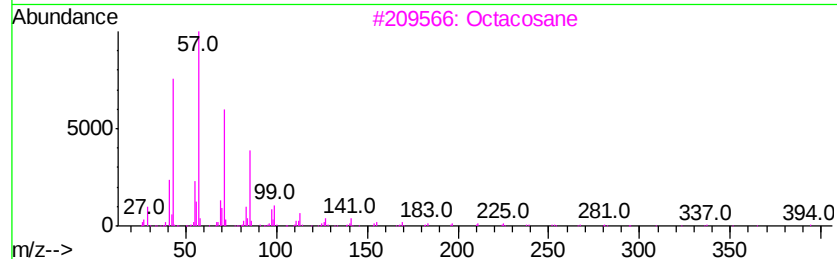
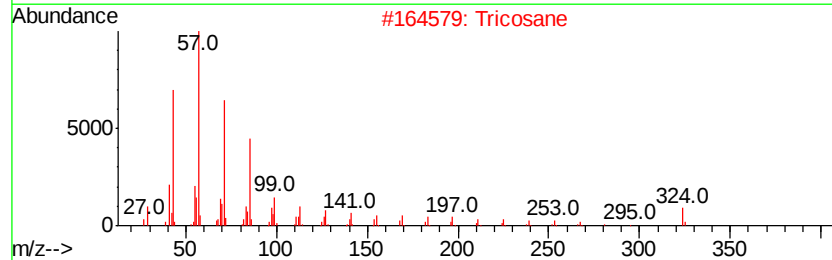
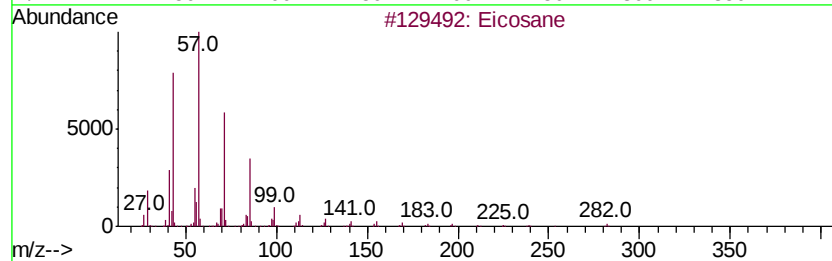
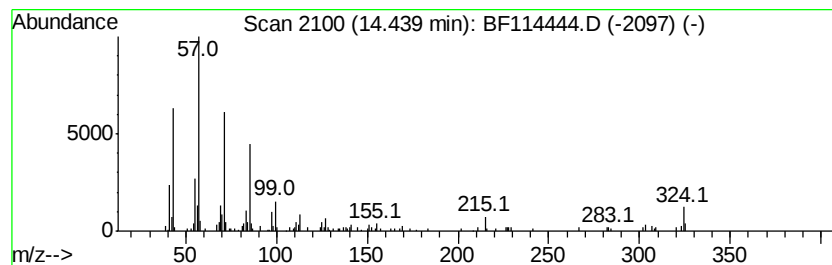
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Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.20 ng	180851	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Tricosane		324	C23H48	000638-67-5	93
3	Octacosane		394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	83
5	Octadecane		254	C18H38	000593-45-3	83



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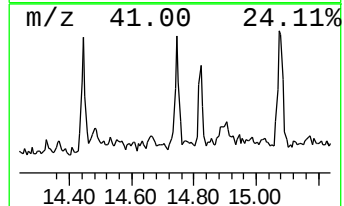
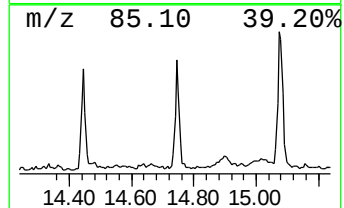
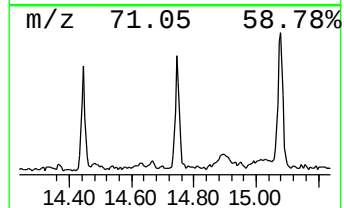
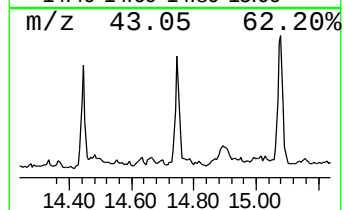
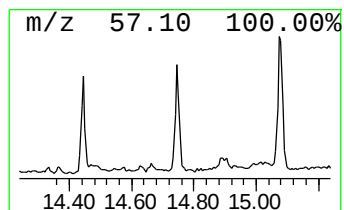
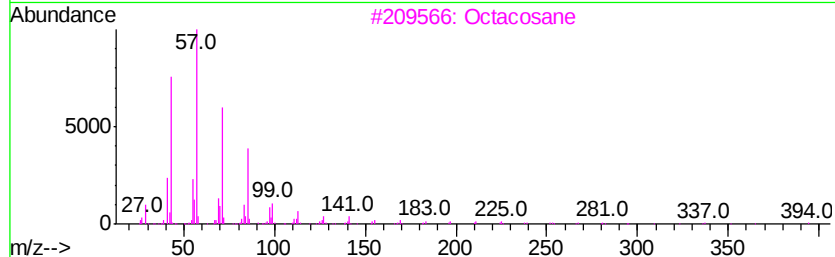
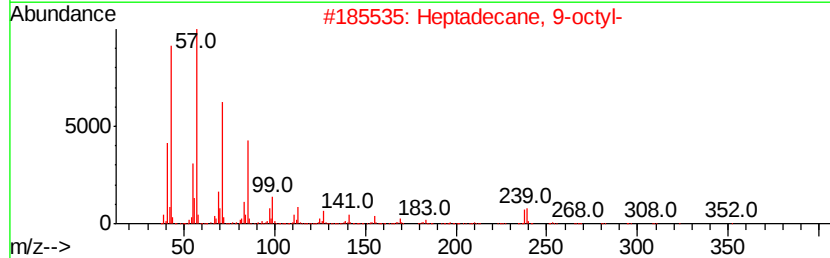
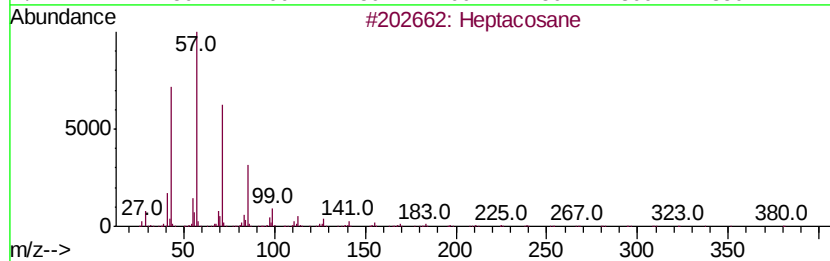
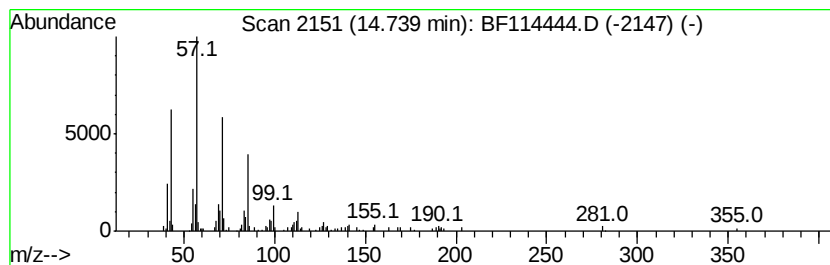
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.93 ng	239778	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane	296	C21H44	000629-94-7	90



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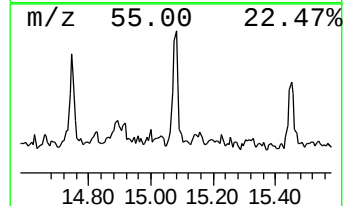
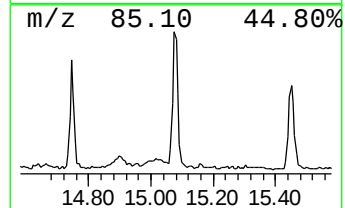
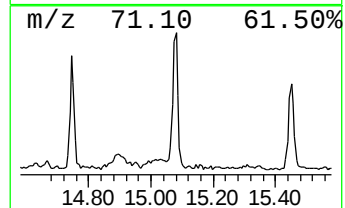
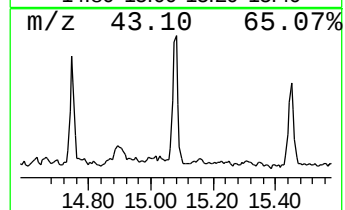
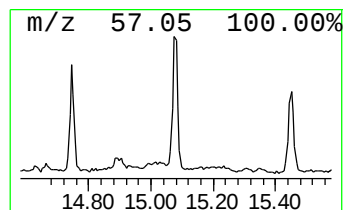
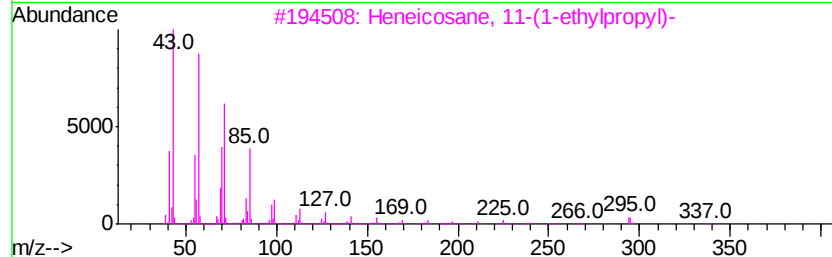
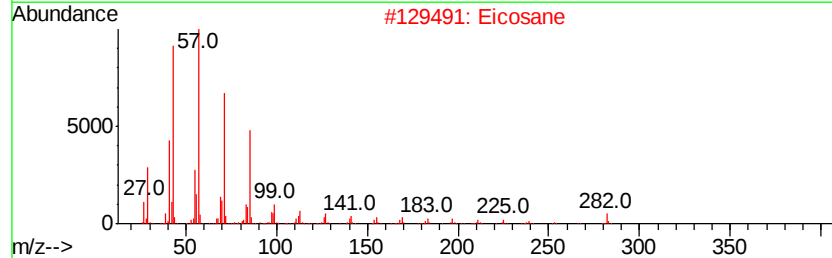
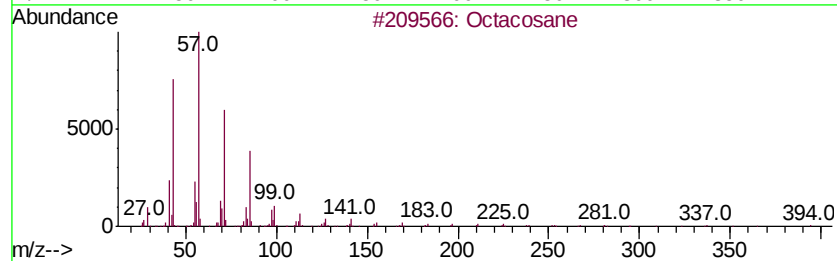
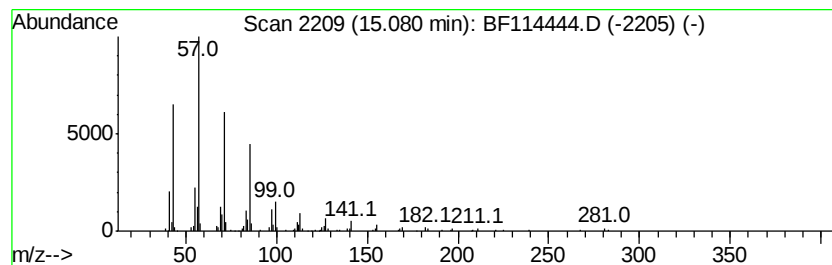
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.24 ng	265253	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114444.D
Acq On : 21 May 2019 2:16
Operator : JU/SJ
Sample : K2943-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GIS-4

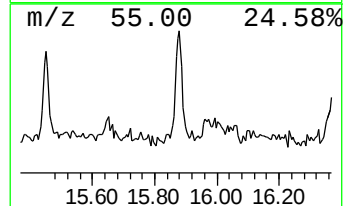
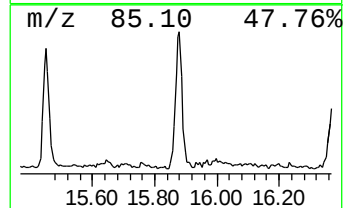
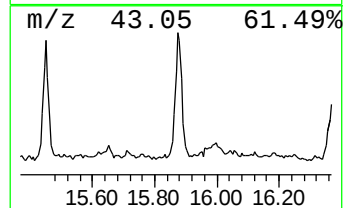
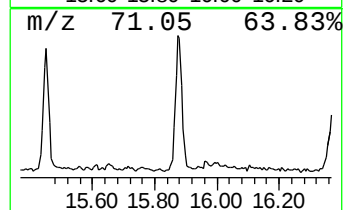
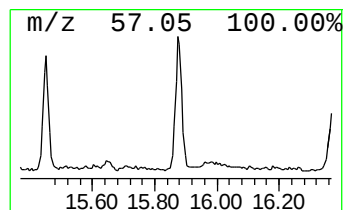
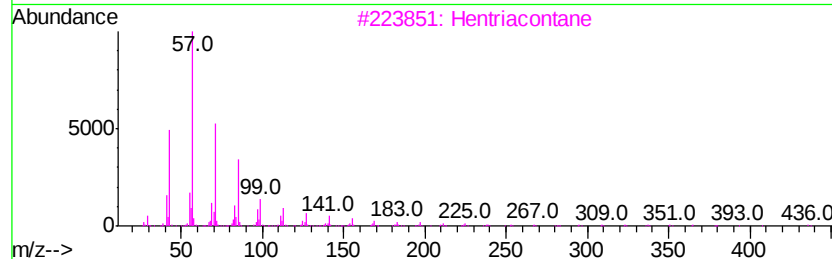
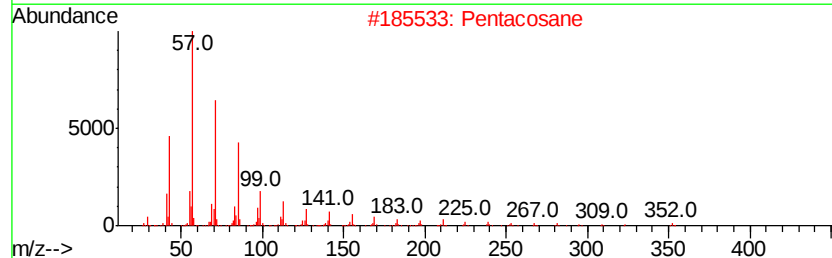
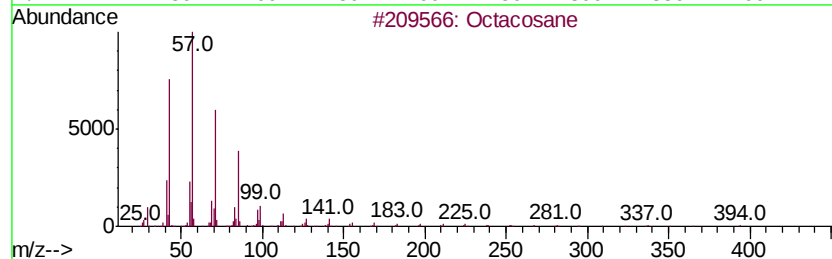
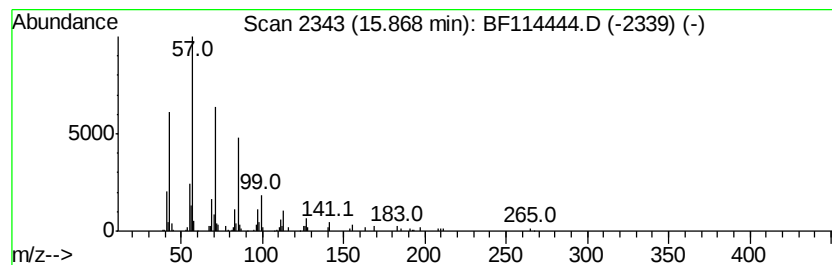
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.84 ng	232671	Perylene-d12	15.46

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	Hentriacontane		437	C31H64	000630-04-6	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052019\
Data File : BF114444.D
Acq On : 21 May 2019 2:16
Operator : JU/SJ
Sample : K2943-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	92.2	ng	5441560	1	6.83	1180080	20.0
n-Hexadecanoic acid	11.87	3.3	ng	309385	4	11.35	1859340	20.0
1-Dodecanol, 2-oc...	13.83	6.1	ng	503340	5	13.99	1643590	20.0
Eicosane	14.44	2.2	ng	180851	5	13.99	1643590	20.0
Heptacosane	14.74	2.9	ng	239778	6	15.46	1639050	20.0
Octacosane	15.08	3.2	ng	265253	6	15.46	1639050	20.0
Pentacosane	15.87	2.8	ng	232671	6	15.46	1639050	20.0