

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
 Data File : BF113919.D
 Acq On : 23 Apr 2019 14:47
 Operator : JU/SJ
 Sample : K2532-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

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-BF042219.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	2.216	17	22	28	rVB	42213	59319	1.37%	0.162%
2	5.528	579	585	588	rBV	3095348	3117706	72.14%	8.535%
3	6.528	749	755	758	rBV	3100889	3272500	75.72%	8.958%
4	6.669	774	779	782	rBV	3565025	3413292	78.98%	9.344%
5	6.898	814	818	821	rBV	1024963	810133	18.75%	2.218%
6	7.057	840	845	848	rBV	3035115	2714569	62.81%	7.431%
7	7.457	907	913	916	rBV	2085124	2124905	49.17%	5.817%
8	8.175	1031	1035	1039	rBV	1097867	1029779	23.83%	2.819%
9	9.251	1213	1218	1222	rBV	4185209	4321576	100.00%	11.830%
10	9.639	1280	1284	1289	rBV	515395	421685	9.76%	1.154%
11	9.933	1330	1334	1346	rVB	1479084	1254461	29.03%	3.434%
12	10.721	1463	1468	1471	rBV	2834377	2669845	61.78%	7.309%
13	11.416	1582	1586	1589	rBV	1486599	1307621	30.26%	3.580%
14	11.439	1589	1590	1594	rVB	141931	80411	1.86%	0.220%
15	11.939	1666	1675	1687	rBV2	386365	469250	10.86%	1.285%
16	12.627	1788	1792	1797	rBV	358579	302271	6.99%	0.827%
17	12.727	1805	1809	1816	rBV	219012	249782	5.78%	0.684%
18	12.857	1826	1831	1833	rBV2	255111	253077	5.86%	0.693%
19	13.004	1851	1856	1859	rVB	4486937	4063599	94.03%	11.124%
20	13.692	1969	1973	1980	rVB	37804	45059	1.04%	0.123%
21	13.804	1985	1992	1995	rBV2	28282	45440	1.05%	0.124%
22	13.898	2005	2008	2013	rVB3	43577	57732	1.34%	0.158%
23	13.992	2017	2024	2029	rBV6	137040	393896	9.11%	1.078%
24	14.057	2029	2035	2038	rVV	1068950	1320582	30.56%	3.615%
25	14.080	2038	2039	2042	rVB	164317	90255	2.09%	0.247%
26	14.539	2111	2117	2120	rBV3	61471	79766	1.85%	0.218%
27	14.656	2131	2137	2148	rBV3	37697	133423	3.09%	0.365%
28	14.851	2166	2170	2173	rBV	66966	66426	1.54%	0.182%
29	15.109	2210	2214	2217	rBV	162730	240684	5.57%	0.659%
30	15.192	2225	2228	2231	rBV	92243	107471	2.49%	0.294%
31	15.415	2263	2266	2272	rVB	103051	136901	3.17%	0.375%
32	15.480	2273	2277	2283	rVV	125550	157528	3.65%	0.431%
33	15.545	2283	2288	2292	rVV	843067	1078104	24.95%	2.951%
34	15.580	2292	2294	2300	rVB2	117916	151579	3.51%	0.415%

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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35	16.027	2366	2370	2376	rVB2	91099	143084	3.31%	0.392%
36	16.551	2454	2459	2463	rBV2	45975	86081	1.99%	0.236%
37	17.027	2535	2540	2549	rVB2	69777	149981	3.47%	0.411%
38	17.474	2611	2616	2622	rBV	51150	110396	2.55%	0.302%

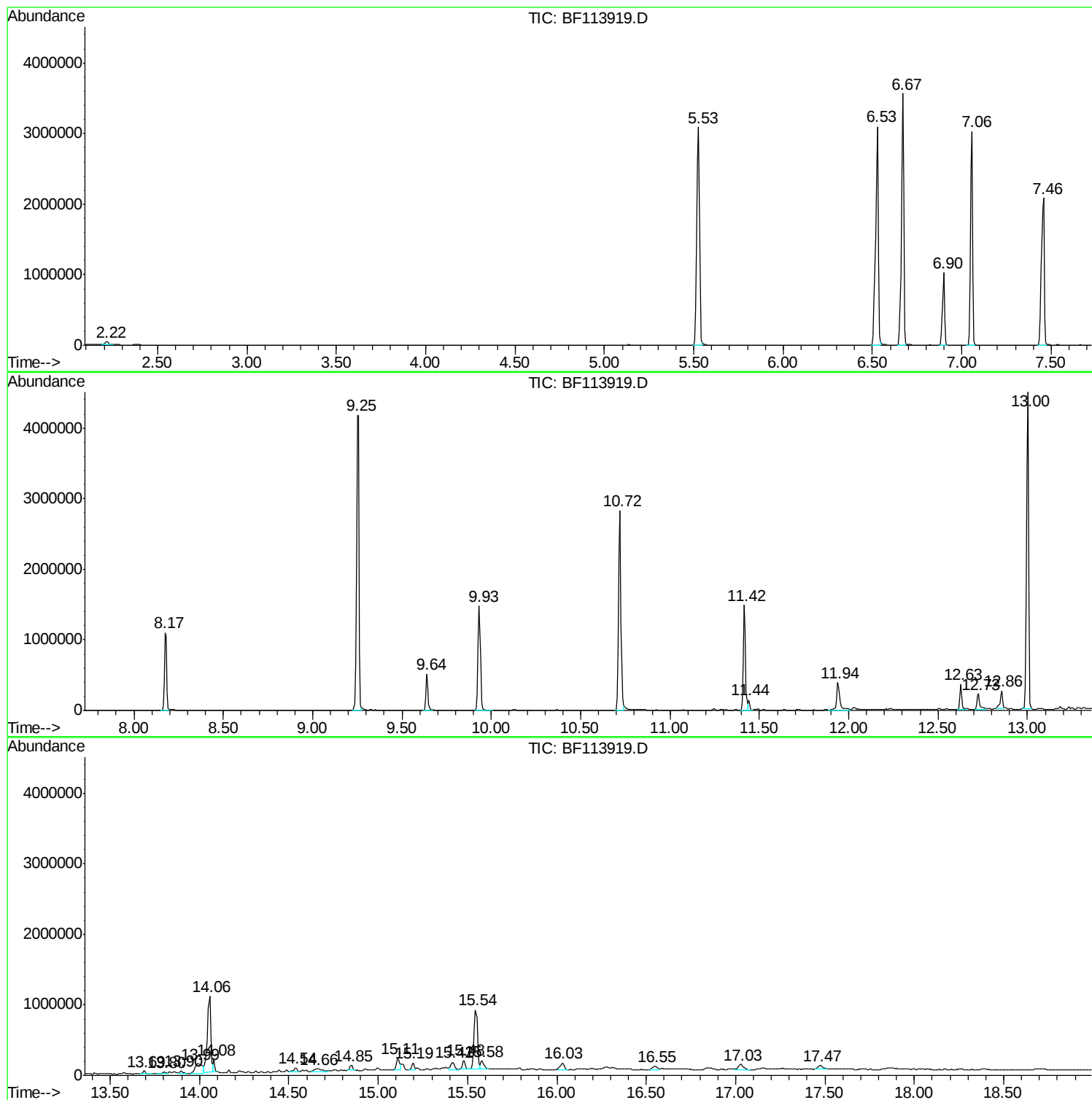
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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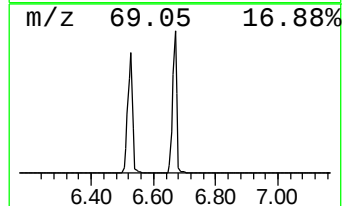
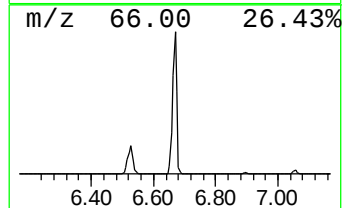
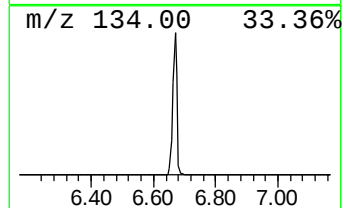
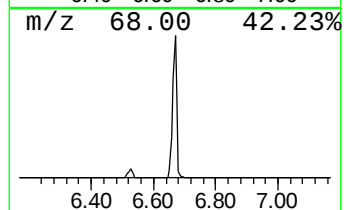
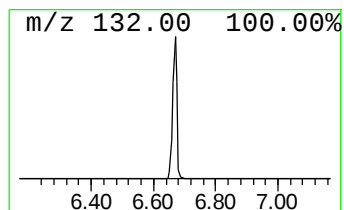
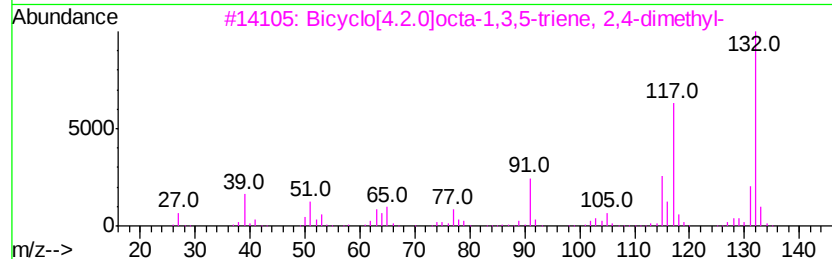
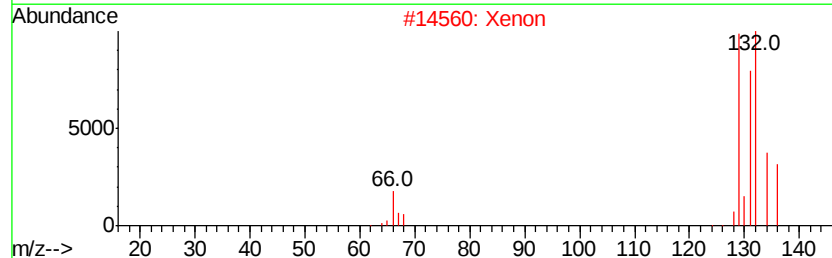
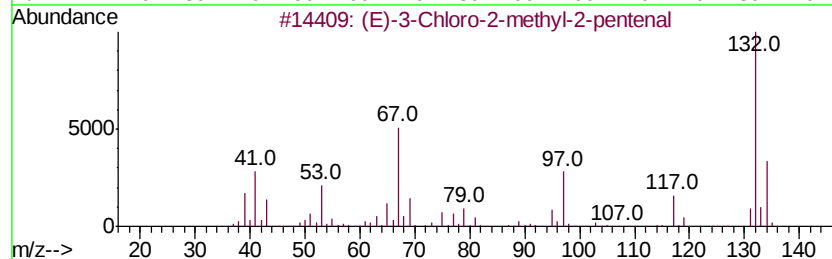
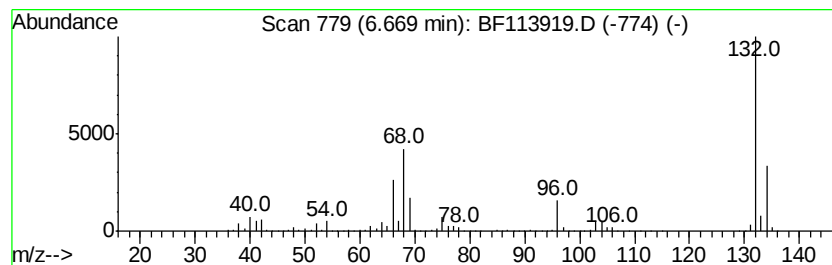
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	84.27 ng	3413290	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		Xenon	132	Xe	007440-63-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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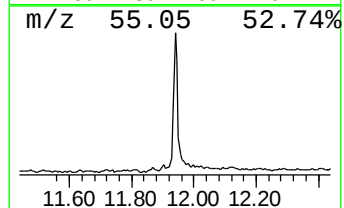
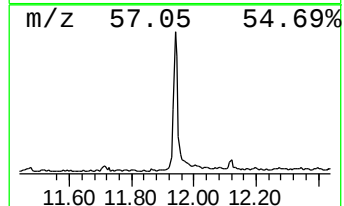
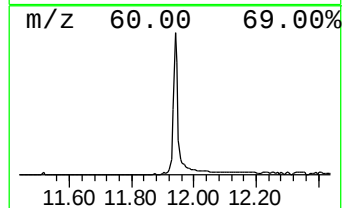
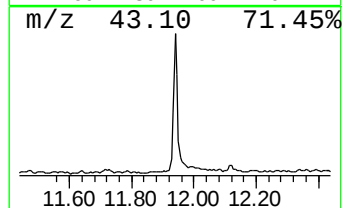
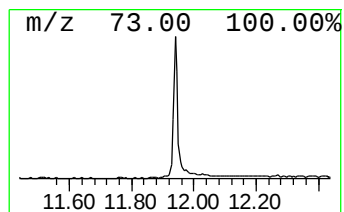
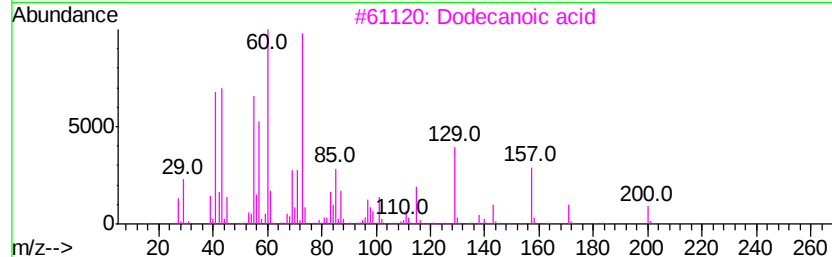
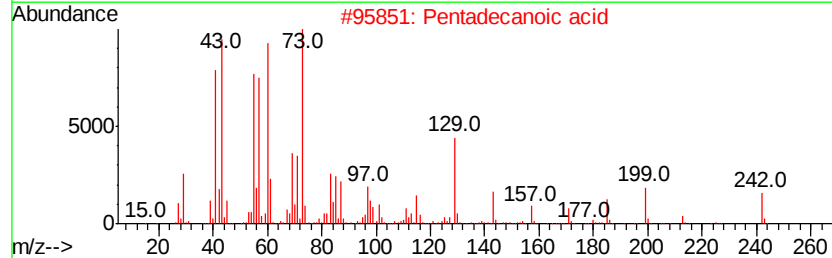
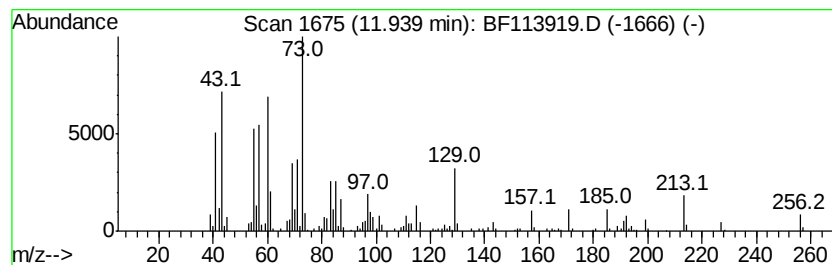
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	7.18 ng	469250	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47



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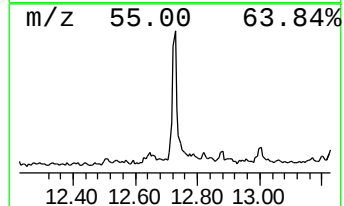
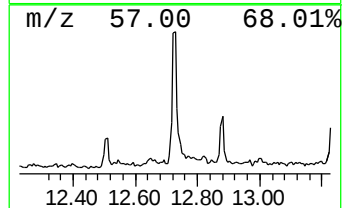
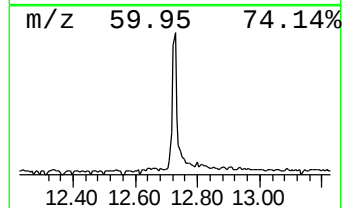
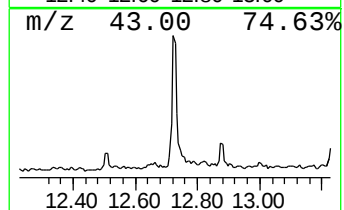
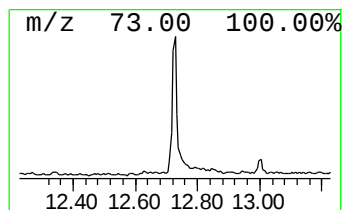
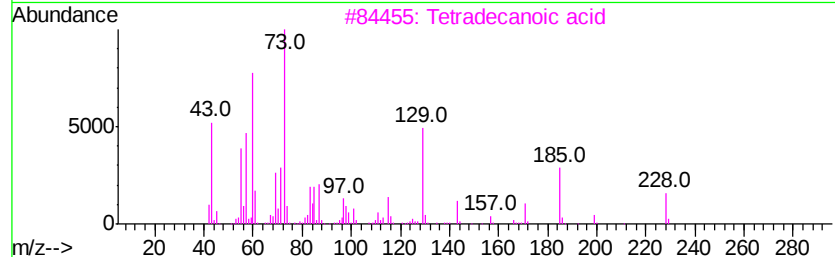
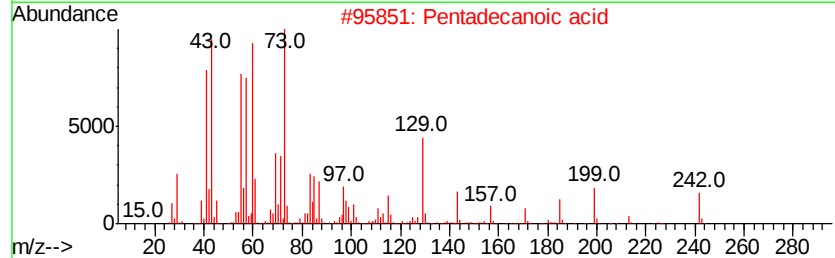
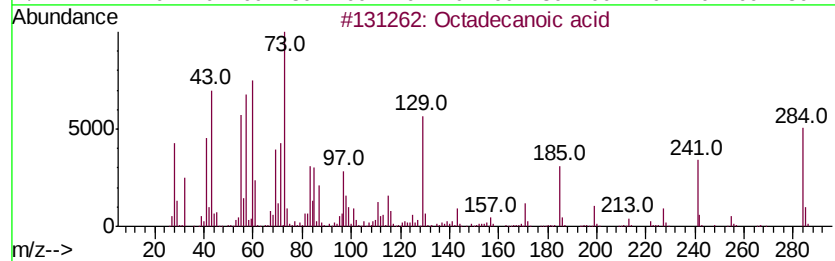
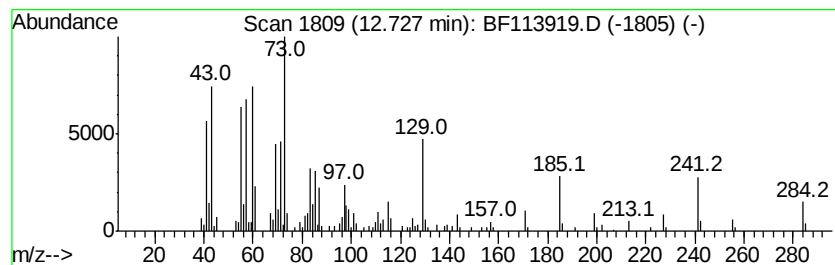
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.73	3.82 ng	249782	Phenanthrene-d10	11.42	
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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59



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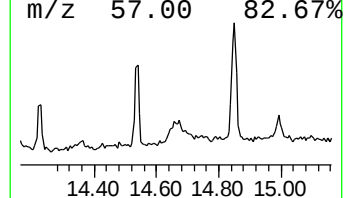
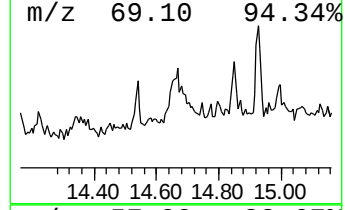
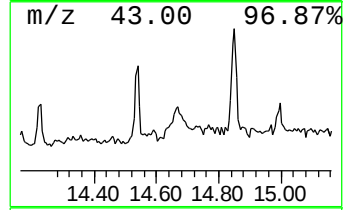
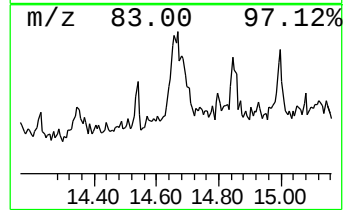
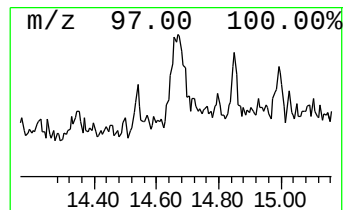
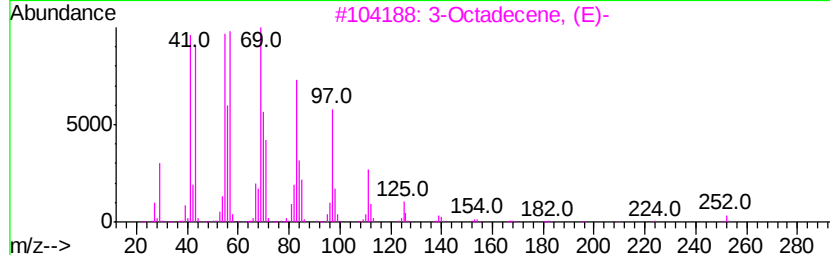
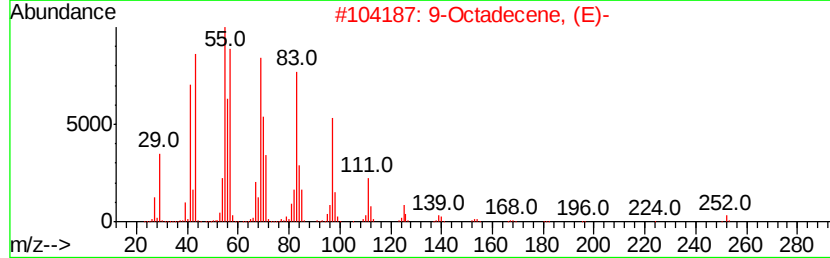
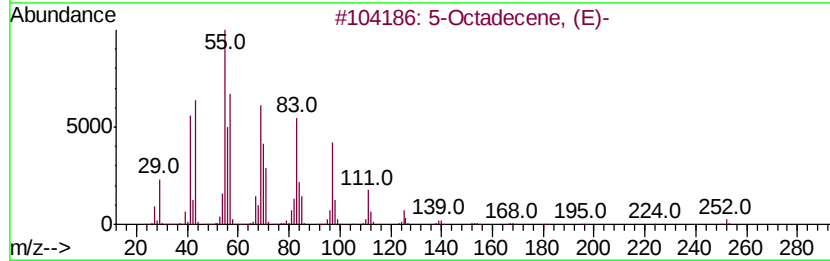
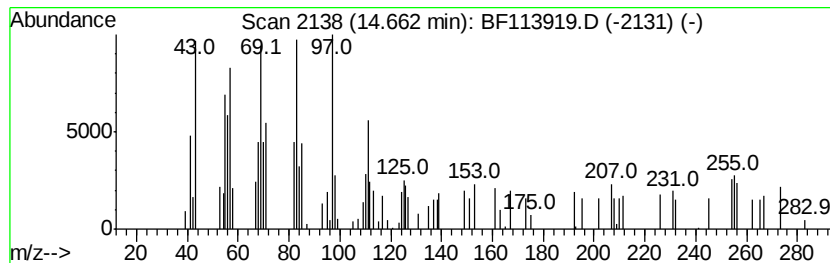
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.02 ng	133423	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Octadecene, (E)-	252 C18H36	007206-21-5	83
2	9-Octadecene, (E)-	252 C18H36	007206-25-9	83
3	3-Octadecene, (E)-	252 C18H36	007206-19-1	83
4	1-Octadecene	252 C18H36	000112-88-9	64
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	60



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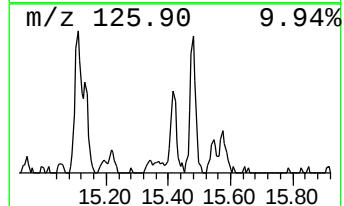
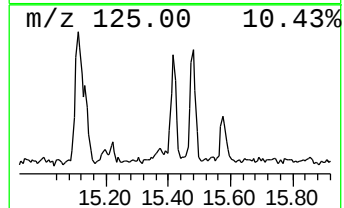
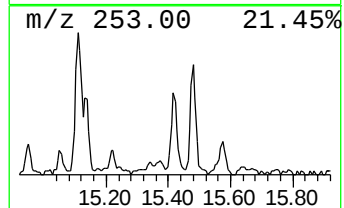
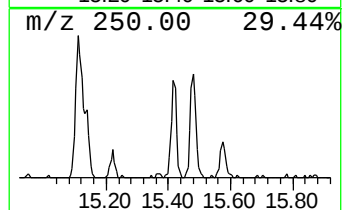
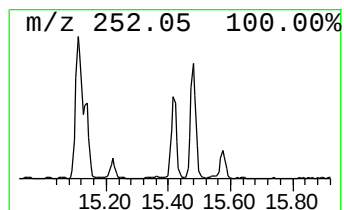
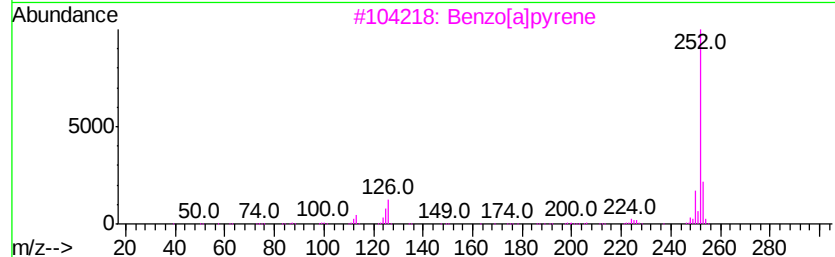
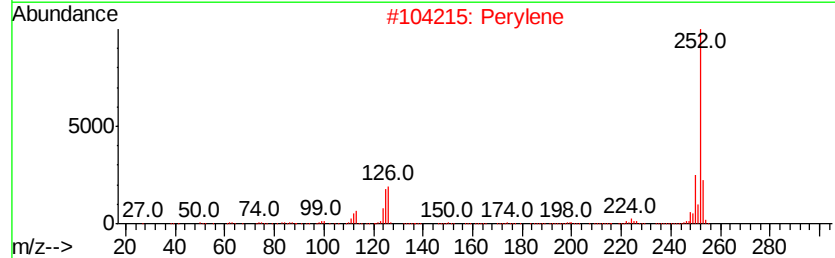
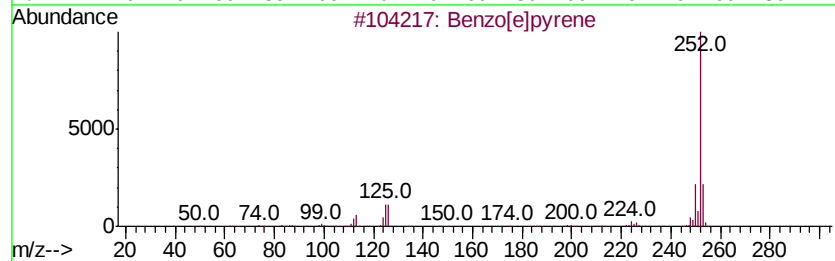
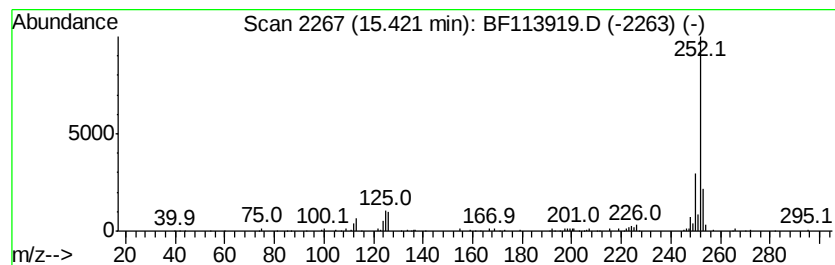
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.54 ng	136901	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



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Sample : K2532-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14

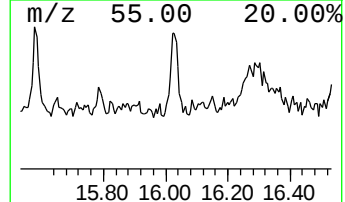
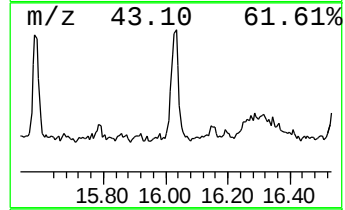
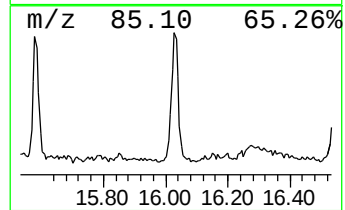
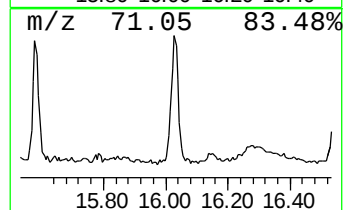
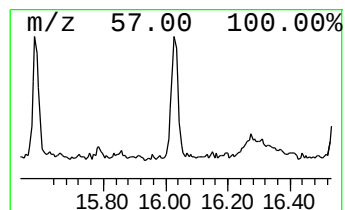
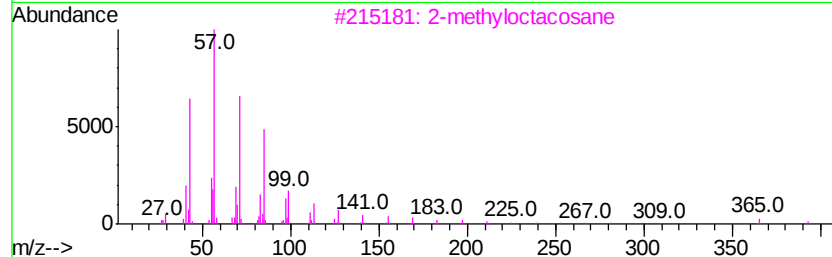
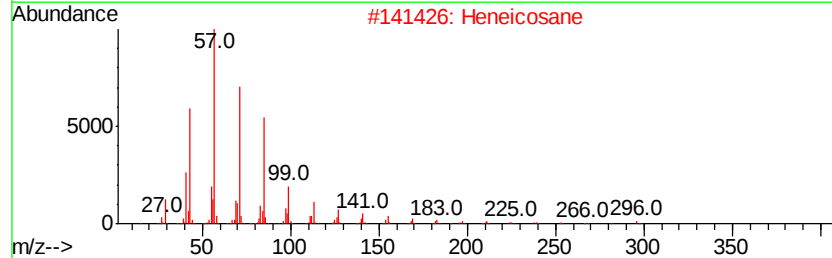
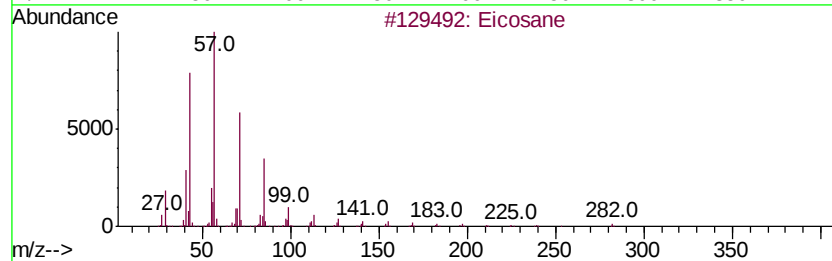
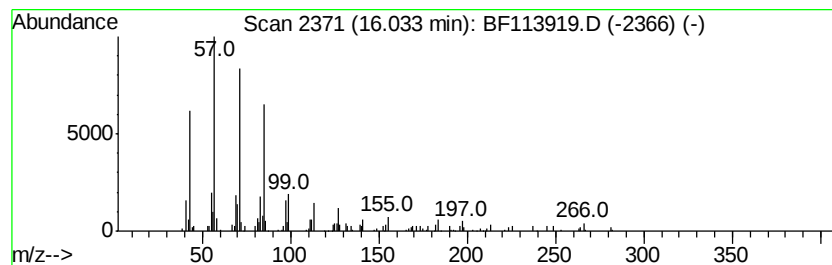
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.65 ng	143084	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
Data File : BF113919.D
Acq On : 23 Apr 2019 14:47
Operator : JU/SJ
Sample : K2532-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	84.3	ng	3413290	1	6.90	810133	20.0
n-Hexadecanoic acid	11.94	7.2	ng	469250	4	11.42	1307620	20.0
Octadecanoic acid	12.73	3.8	ng	249782	4	11.42	1307620	20.0
5-Octadecene, (E)-	14.66	2.0	ng	133423	5	14.06	1320580	20.0
Benzo[e]pyrene	15.42	2.5	ng	136901	6	15.54	1078100	20.0
Eicosane	16.03	2.6	ng	143084	6	15.54	1078100	20.0