

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116337.D
 Acq On : 17 Aug 2019 00:14
 Operator : HP/JU
 Sample : K4355-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200057-200054

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-BF073019.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	5.445	568	571	604	rBV	2269627	2551601	80.49%	7.593%
2	6.016	665	668	686	rBV	30031	70509	2.22%	0.210%
3	6.457	739	743	762	rBV	2415775	2722129	85.86%	8.101%
4	6.592	762	766	782	rVB	2919937	2706901	85.38%	8.055%
5	6.816	801	804	815	rBV	953706	849075	26.78%	2.527%
6	6.975	827	831	843	rBV	2182682	2217259	69.94%	6.598%
7	7.381	896	900	920	rBV	1734814	1768562	55.79%	5.263%
8	8.098	1018	1022	1036	rBV	1087529	1080649	34.09%	3.216%
9	9.169	1200	1204	1216	rBV	3511274	3170275	100.00%	9.434%
10	9.563	1268	1271	1275	rBV	419329	367500	11.59%	1.094%
11	9.845	1316	1319	1323	rBV	1298901	1198812	37.81%	3.567%
12	9.880	1323	1325	1330	rVB	76580	72777	2.30%	0.217%
13	10.063	1353	1356	1360	rBV	34822	40845	1.29%	0.122%
14	10.251	1385	1388	1390	rBV	48066	42380	1.34%	0.126%
15	10.404	1411	1414	1420	rBV	60697	69481	2.19%	0.207%
16	10.639	1450	1454	1466	rBV	1684800	1857969	58.61%	5.529%
17	11.339	1569	1573	1575	rBV	1137085	1148869	36.24%	3.419%
18	11.363	1575	1577	1581	rVB	338752	317483	10.01%	0.945%
19	11.863	1660	1662	1669	rVB3	212548	262748	8.29%	0.782%
20	12.551	1776	1779	1788	rVB	730939	694990	21.92%	2.068%
21	12.780	1815	1818	1825	rVB	653185	625501	19.73%	1.861%
22	12.916	1837	1841	1844	rBV	2735934	2446197	77.16%	7.280%
23	13.380	1917	1920	1924	rVB	924752	799265	25.21%	2.378%
24	13.939	2012	2015	2017	rBV	253366	199820	6.30%	0.595%
25	13.974	2017	2021	2024	rVV2	822957	1032233	32.56%	3.072%
26	14.004	2024	2026	2034	rVB	285132	302153	9.53%	0.899%
27	14.227	2061	2064	2068	rVB2	181757	197353	6.23%	0.587%
28	14.280	2068	2073	2076	rBV2	207245	354927	11.20%	1.056%
29	14.415	2092	2096	2102	rBV2	333714	574886	18.13%	1.711%
30	14.580	2120	2124	2130	rBV	718280	1055409	33.29%	3.141%
31	14.868	2170	2173	2177	rVB3	60693	69712	2.20%	0.207%
32	15.021	2195	2199	2201	rBV	241267	319836	10.09%	0.952%
33	15.045	2201	2203	2209	rVB3	200048	300351	9.47%	0.894%
34	15.315	2247	2249	2256	rVB	204456	263542	8.31%	0.784%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.380	2257	2260	2263	rVV	218919	309777	9.77%	0.922%
36	15.439	2266	2270	2284	rVB	630901	1012022	31.92%	3.012%
37	15.833	2334	2337	2342	rVB	94117	128907	4.07%	0.384%
38	16.321	2417	2420	2422	rBV3	33855	45004	1.42%	0.134%
39	17.033	2536	2541	2555	rBV4	69128	233100	7.35%	0.694%
40	17.356	2591	2596	2603	rBV	59836	123094	3.88%	0.366%

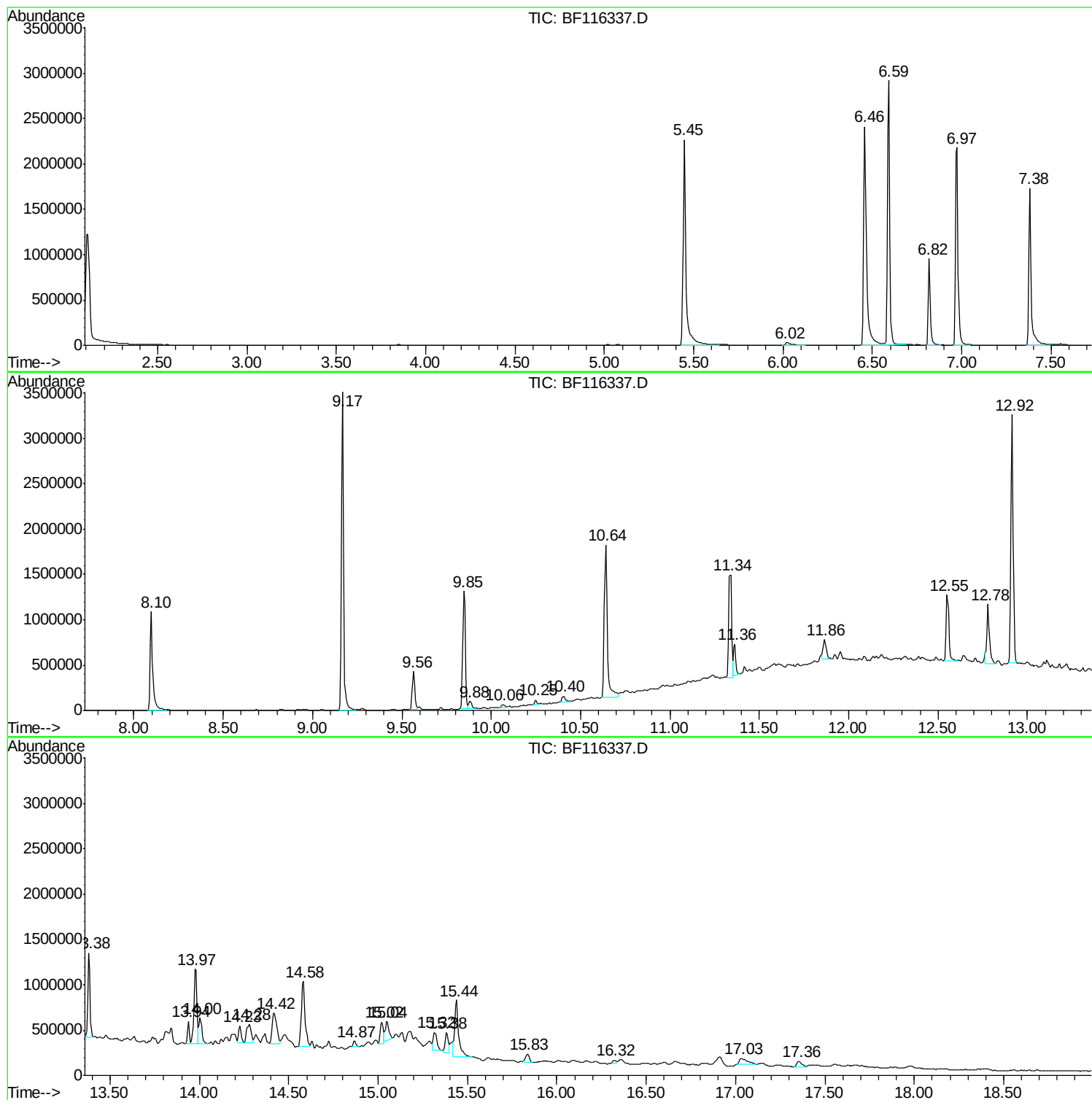
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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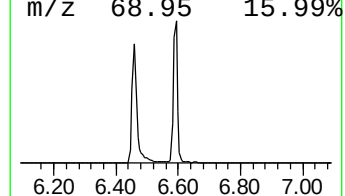
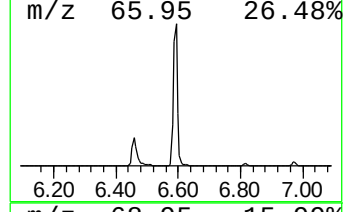
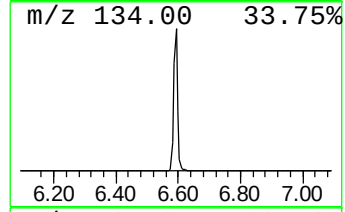
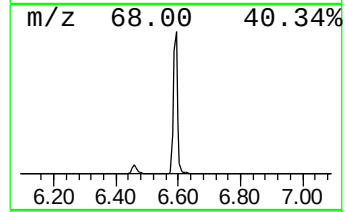
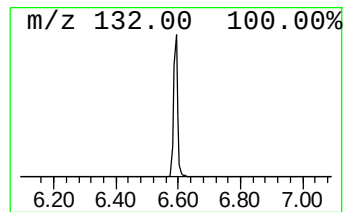
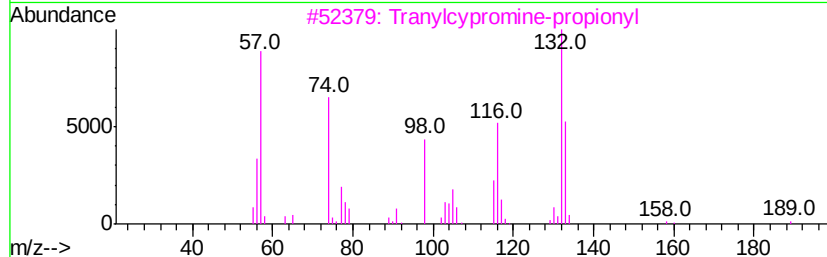
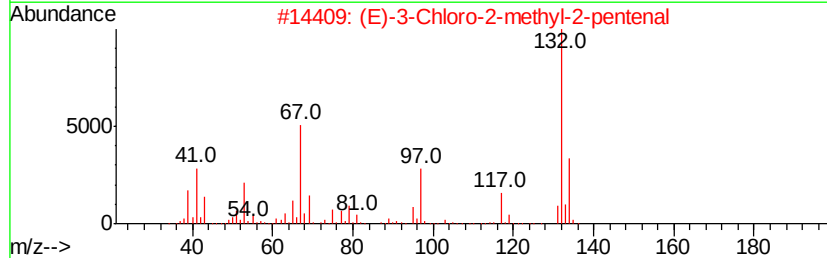
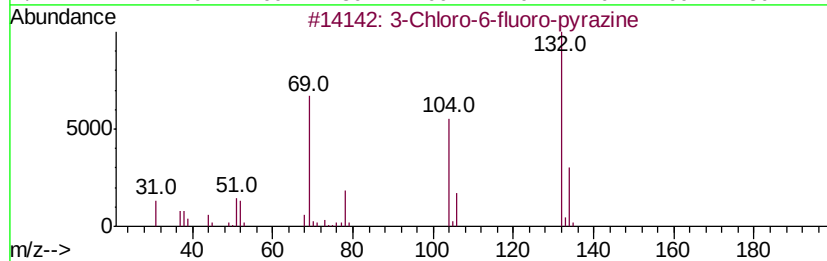
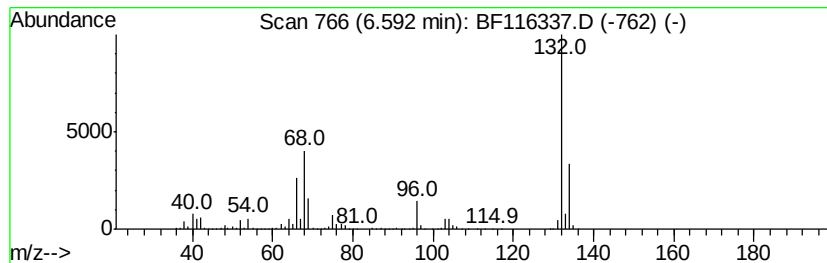
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	63.76 ng	2706900	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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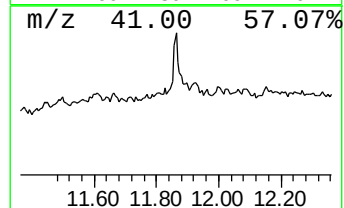
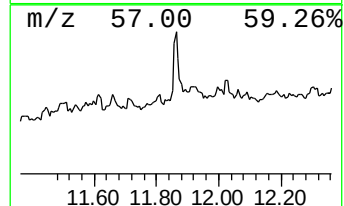
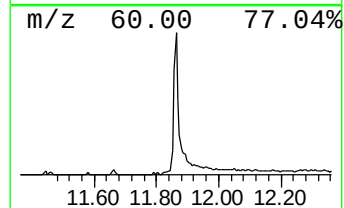
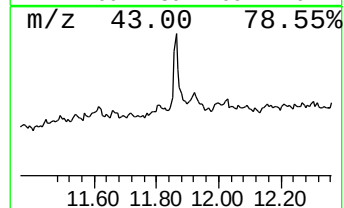
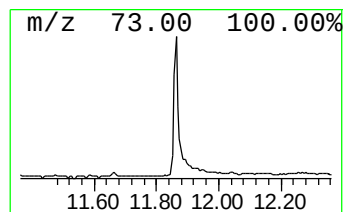
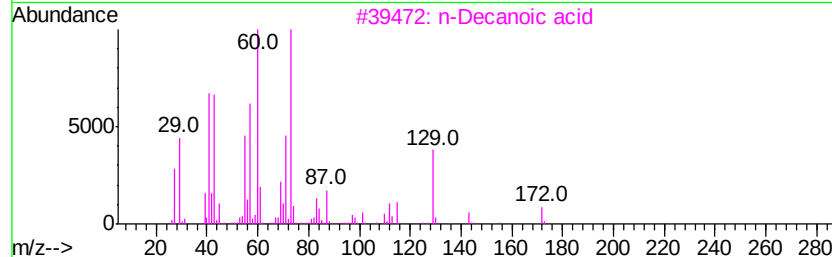
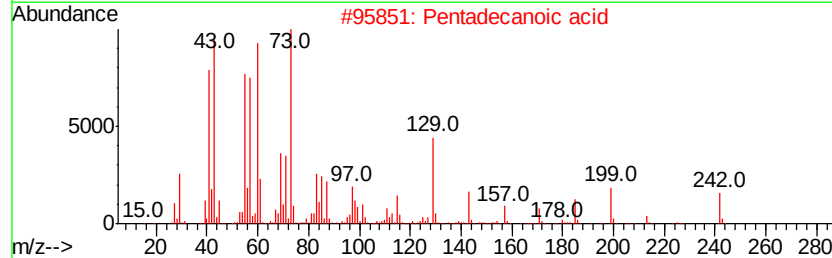
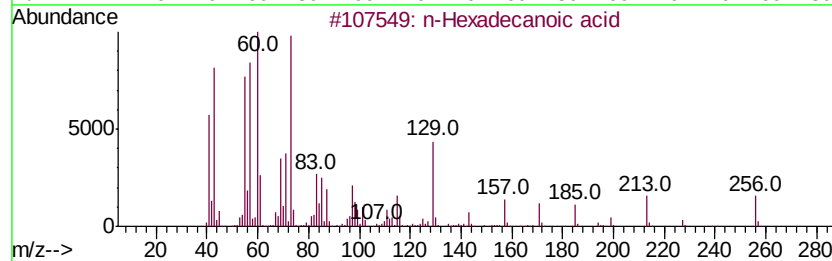
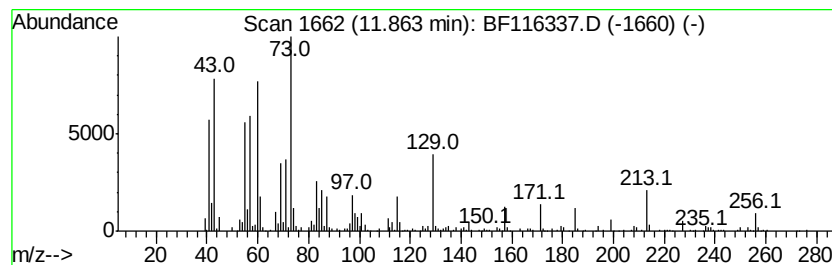
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	4.57 ng	262748	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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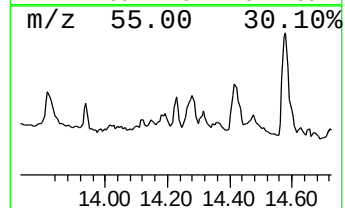
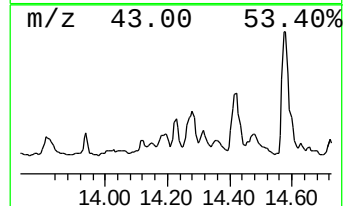
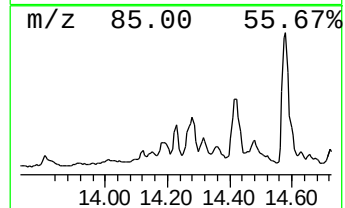
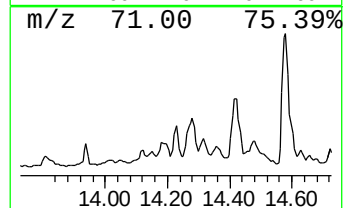
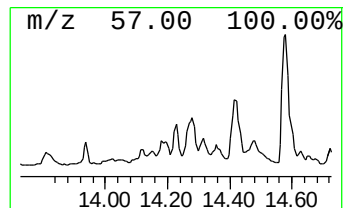
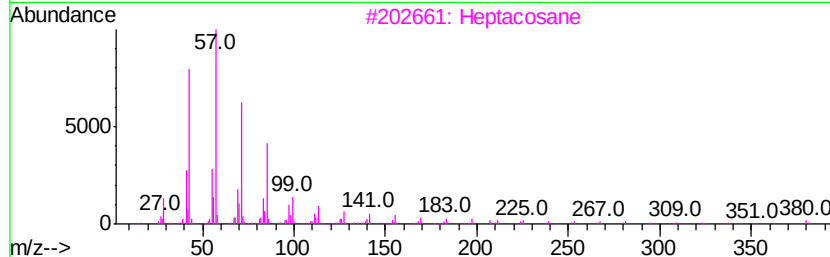
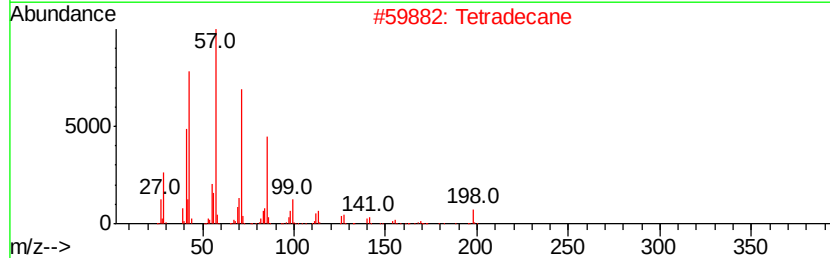
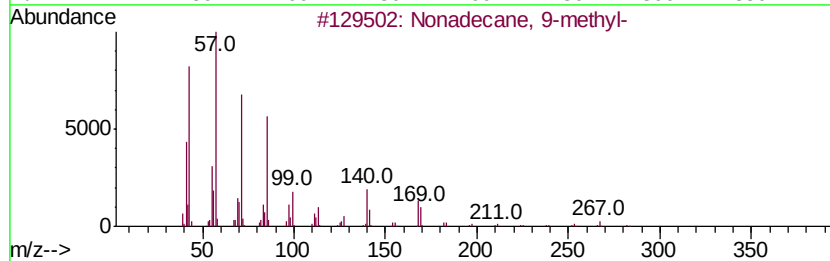
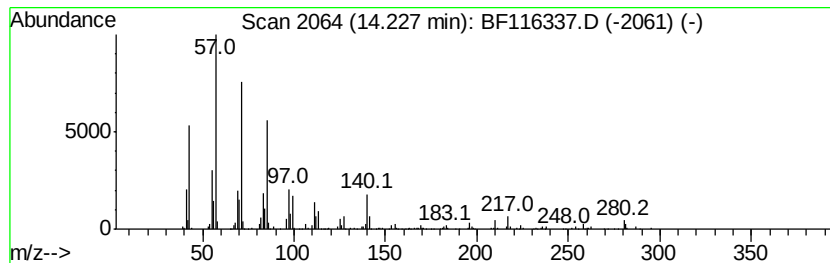
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.82 ng	197353	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Tetradecane	198	C14H30	000629-59-4	89
3		Heptacosane	380	C27H56	000593-49-7	74
4		Hexacosane	366	C26H54	000630-01-3	74
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72



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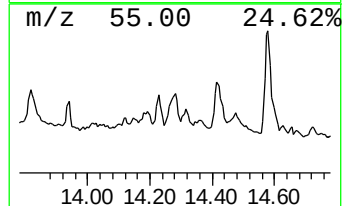
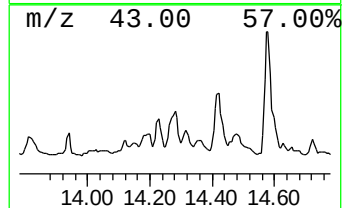
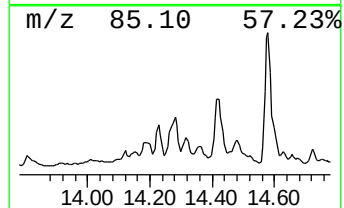
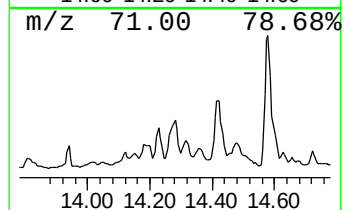
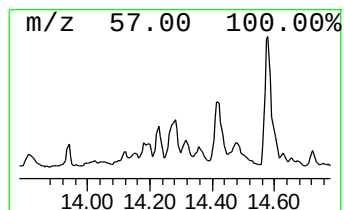
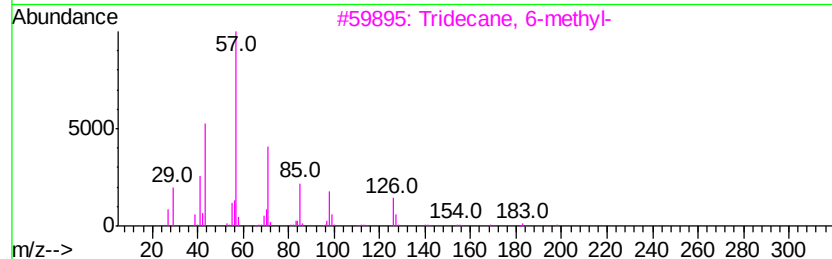
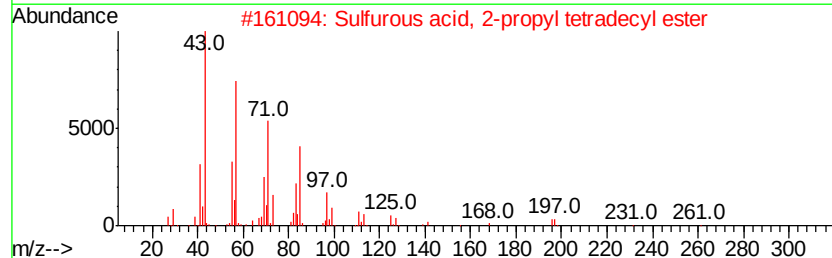
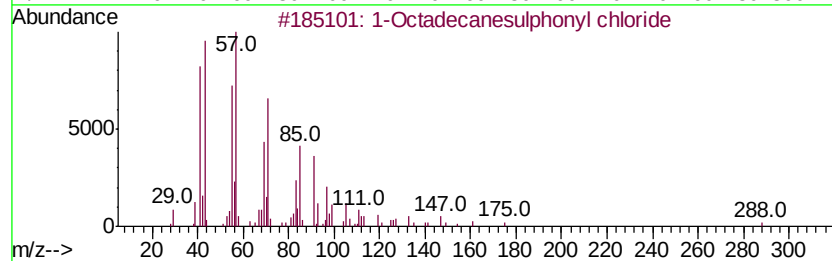
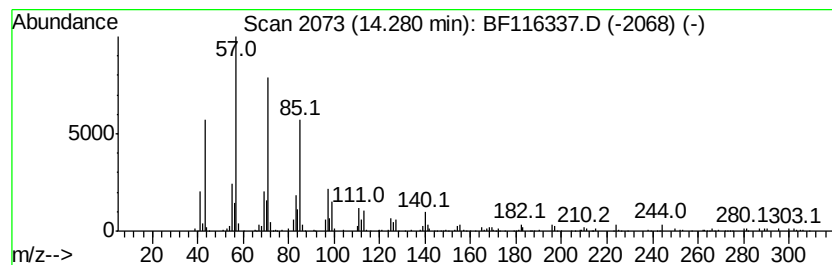
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Octadecanesulphonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	6.88 ng	354927	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4		Hexadecane	226	C16H34	000544-76-3	74
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	74



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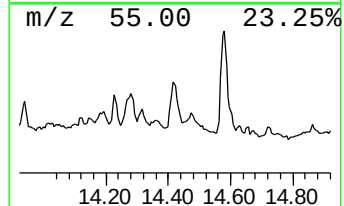
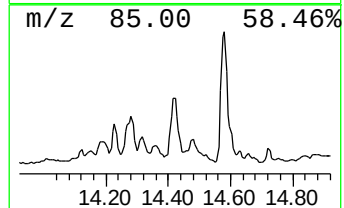
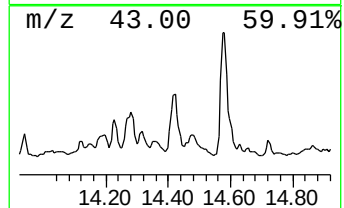
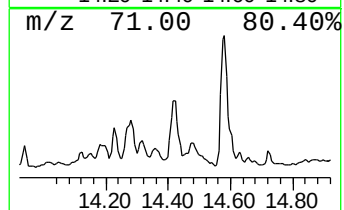
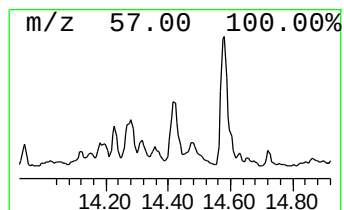
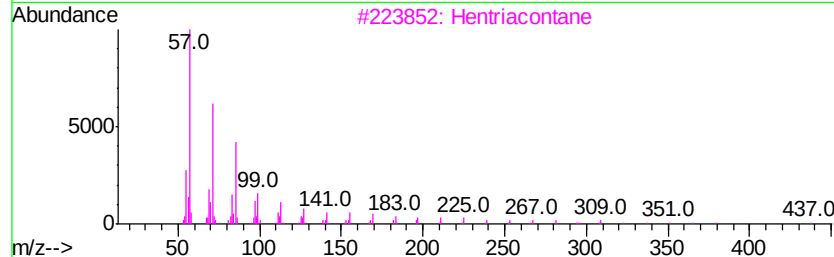
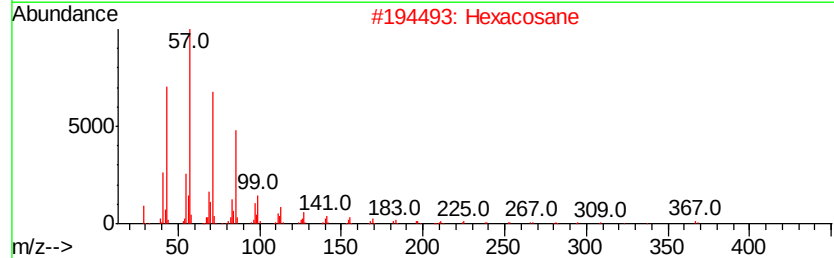
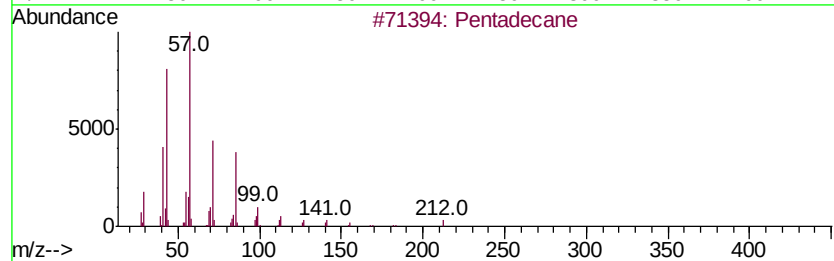
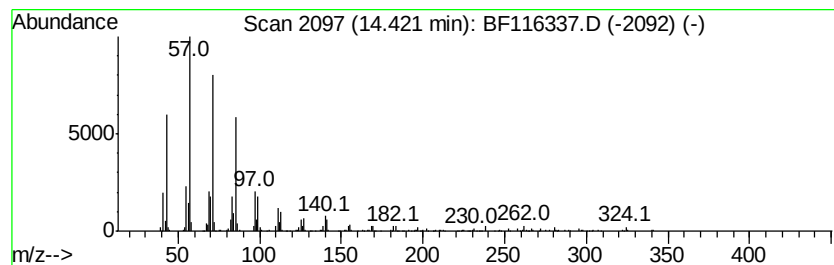
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	11.14 ng	574886	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexacosane		366	C26H54	000630-01-3	87
3	Hentriacontane		437	C31H64	000630-04-6	86
4	10-Methylnonadecane		282	C20H42	056862-62-5	86
5	Heptadecane		240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Acq On : 17 Aug 2019 00:14
Operator : HP/JU
Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

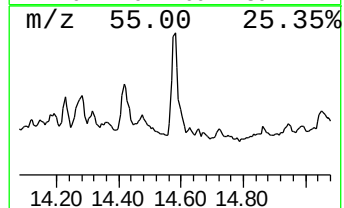
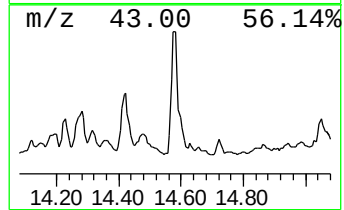
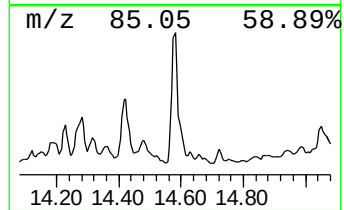
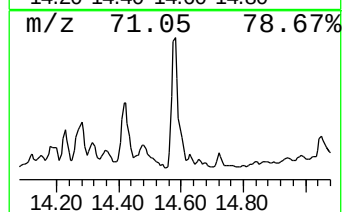
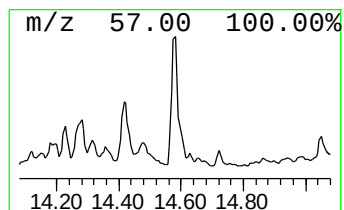
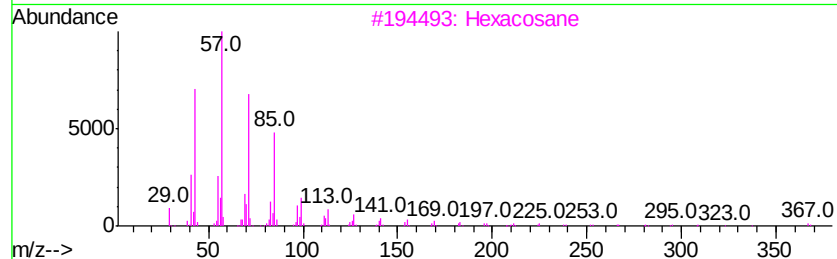
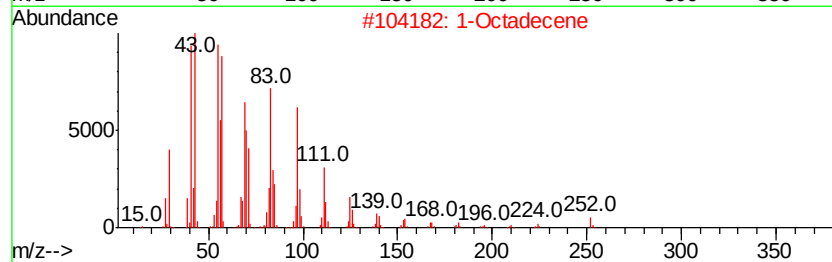
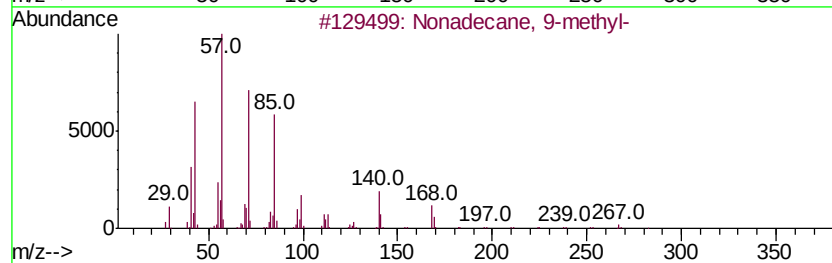
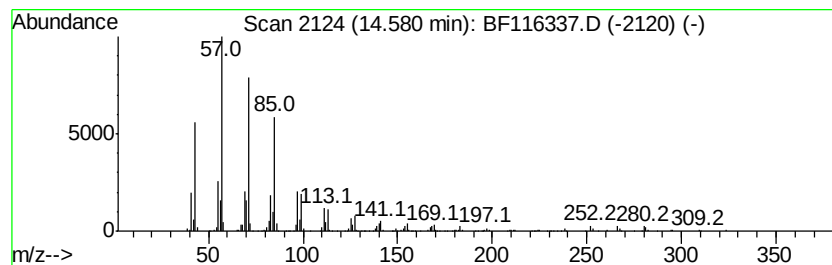
Instrument :
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ClientSampleId :
RBR-200057-200054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.58	20.45 ng	1055410	Chrysene-d12		13.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	1-Octadecene	252	C18H36	000112-88-9	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116337.D
Acq On : 17 Aug 2019 00:14
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Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

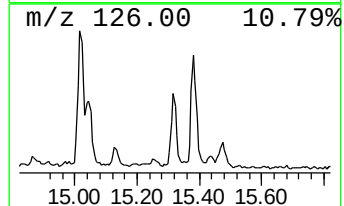
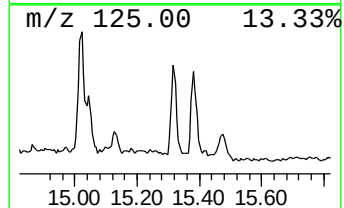
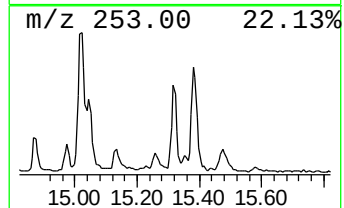
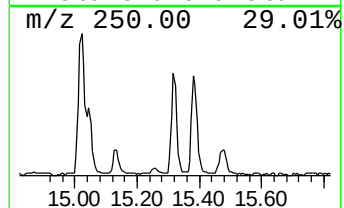
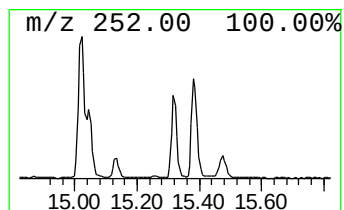
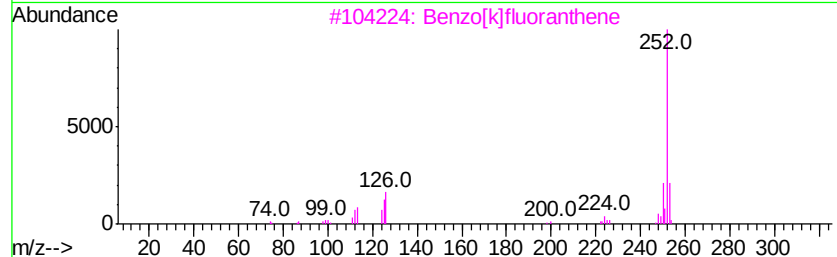
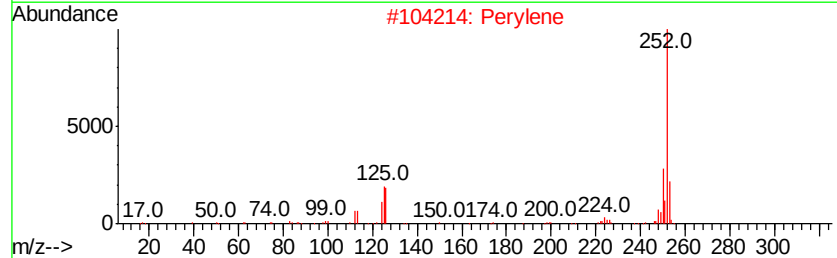
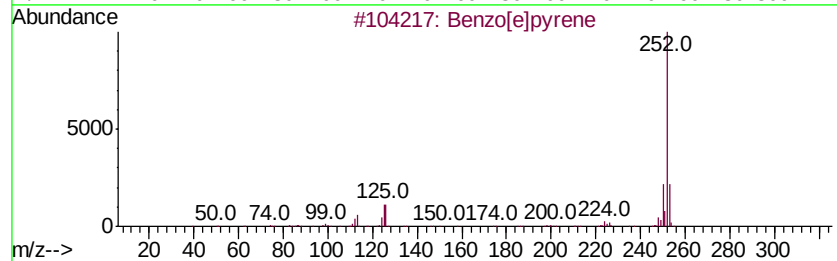
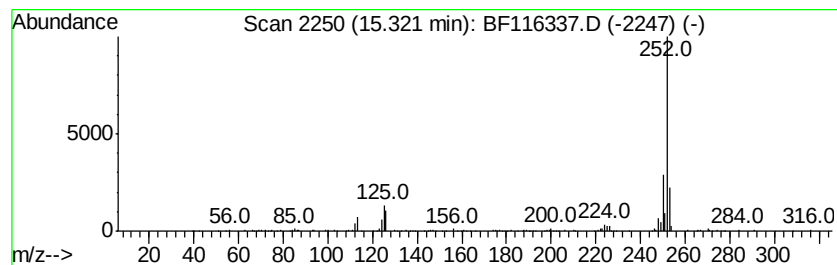
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.21 ng	263542	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116337.D
Acq On : 17 Aug 2019 00:14
Operator : HP/JU
Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

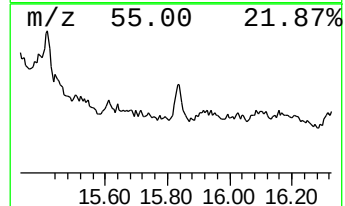
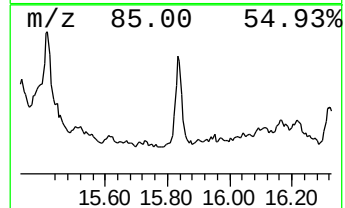
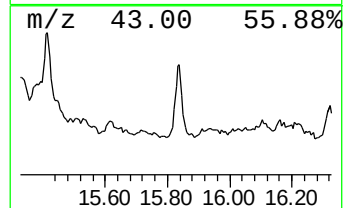
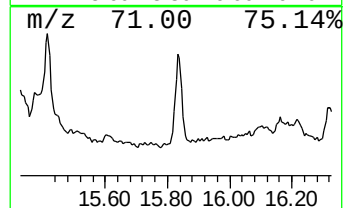
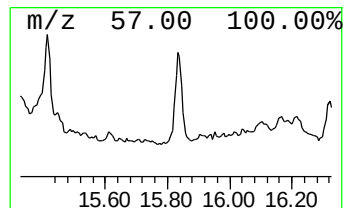
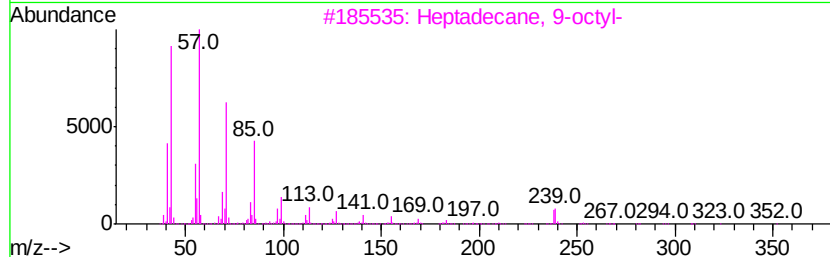
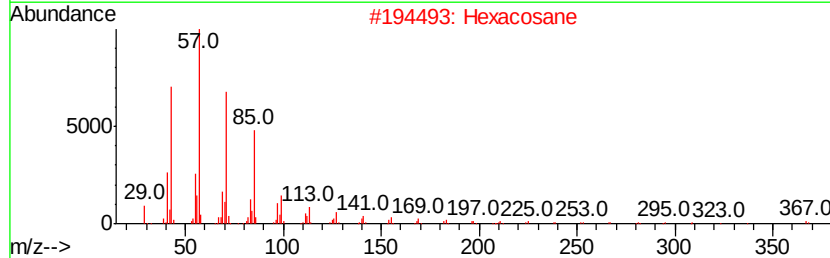
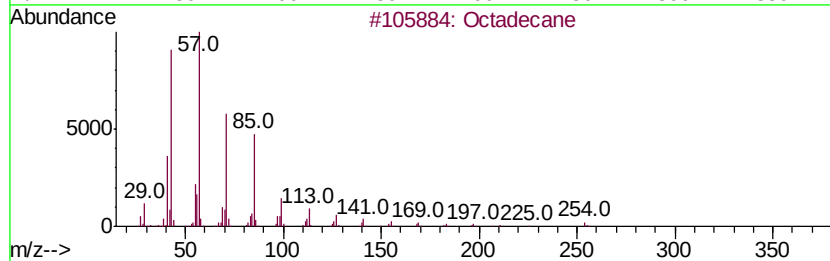
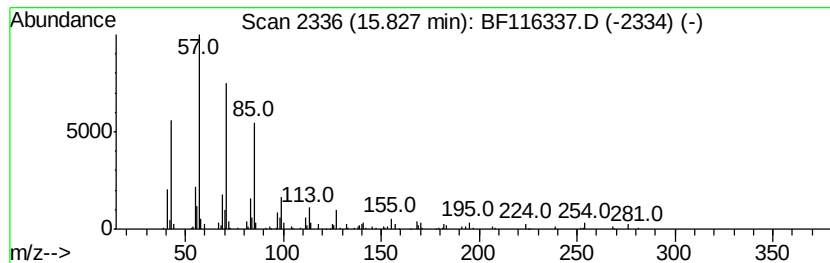
Instrument :
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ClientSampleId :
RBR-200057-200054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.55 ng	128907	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	93
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
4	Tridecane, 6-propyl-	226 C16H34	055045-10-8	87
5	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116337.D
Acq On : 17 Aug 2019 00:14
Operator : HP/JU
Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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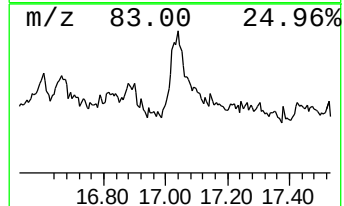
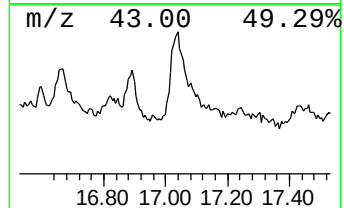
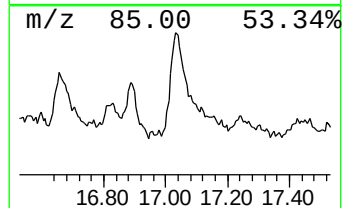
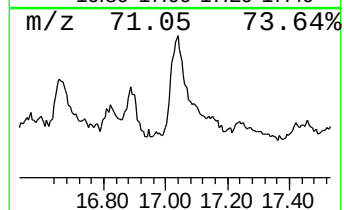
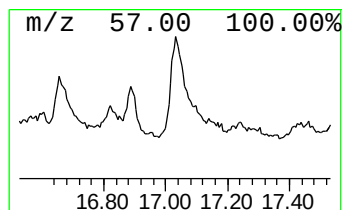
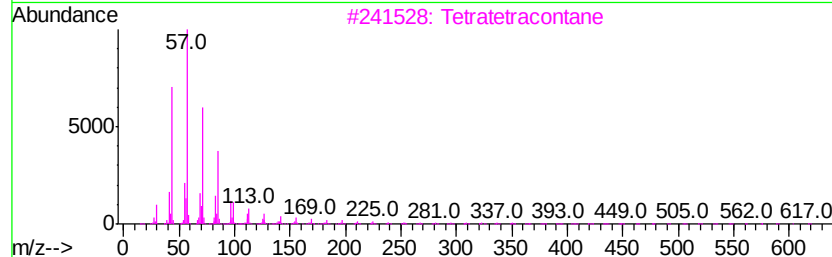
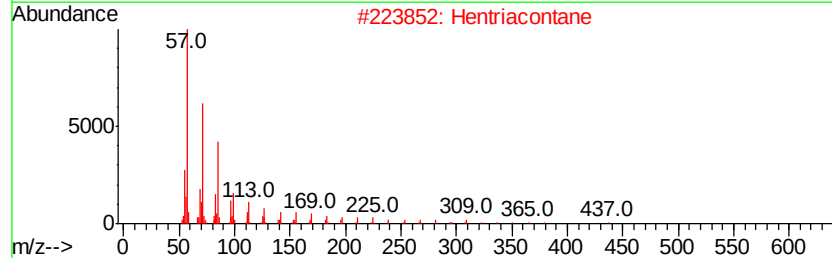
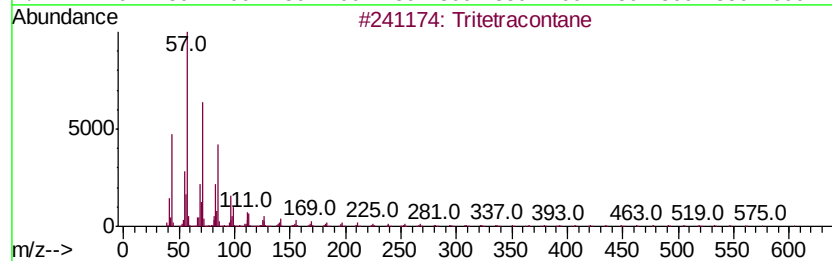
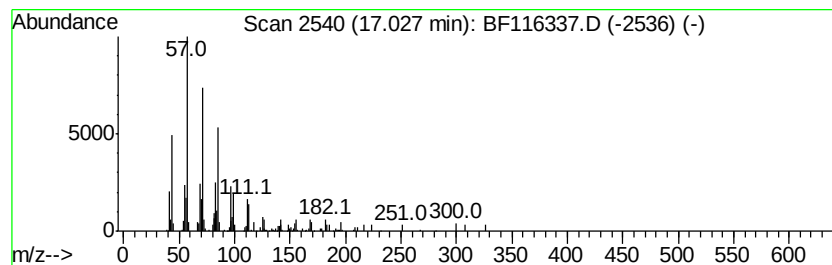
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	4.61 ng	233100	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexacosane	366	C26H54	000630-01-3	83
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
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Acq On : 17 Aug 2019 00:14
Operator : HP/JU
Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	11.86	4.6	ng	262748	4	11.34	1148870	20.0
Nonadecane, 9-met...	14.23	3.8	ng	197353	5	13.98	1032230	20.0
1-Octadecanesulph...	14.28	6.9	ng	354927	5	13.98	1032230	20.0
Pentadecane	14.42	11.1	ng	574886	5	13.98	1032230	20.0
1-Octadecene	14.58	20.4	ng	1055410	5	13.98	1032230	20.0
Benzo[e]pyrene	15.32	5.2	ng	263542	6	15.44	1012020	20.0
Octadecane	15.83	2.5	ng	128907	6	15.44	1012020	20.0
Tritetracontane	17.03	4.6	ng	233100	6	15.44	1012020	20.0