

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
 Data File : BF114761.D
 Acq On : 1 Jun 2019 17:05
 Operator : HP/JU
 Sample : K3108-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-010-ABCD

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-BF052919.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	5.310	542	548	551	rBV	7903937	8570808	93.50%	10.168%
2	6.339	716	723	726	rBV	7417628	8666969	94.54%	10.282%
3	6.469	740	745	748	rBV	8622854	8943828	97.56%	10.611%
4	6.528	753	755	761	rVB	219804	185098	2.02%	0.220%
5	6.698	780	784	787	rBV	2418531	2199046	23.99%	2.609%
6	6.851	806	810	814	rBV	7294063	7326436	79.92%	8.692%
7	7.257	873	879	882	rBV	5770926	5641405	61.54%	6.693%
8	7.975	997	1001	1004	rBV	3248703	2618867	28.57%	3.107%
9	9.051	1179	1184	1187	rBV	9676129	9167086	100.00%	10.876%
10	9.439	1246	1250	1256	rBV	1520026	1255723	13.70%	1.490%
11	9.722	1293	1298	1302	rBV	3075595	2735640	29.84%	3.246%
12	10.504	1426	1431	1434	rBV	5773643	5319231	58.03%	6.311%
13	11.192	1544	1548	1551	rBV	2918718	2653605	28.95%	3.148%
14	11.216	1551	1552	1555	rVV	410084	244627	2.67%	0.290%
15	11.269	1558	1561	1564	rVB	112384	97051	1.06%	0.115%
16	11.663	1624	1628	1631	rBV2	140846	201734	2.20%	0.239%
17	11.698	1631	1634	1636	rVV	124462	134816	1.47%	0.160%
18	11.739	1636	1641	1644	rVV2	546252	594788	6.49%	0.706%
19	12.398	1749	1753	1756	rBV	753265	628958	6.86%	0.746%
20	12.516	1770	1773	1782	rBV3	253435	343577	3.75%	0.408%
21	12.621	1786	1791	1794	rBV	699270	679597	7.41%	0.806%
22	12.657	1794	1797	1806	rVB2	218880	338676	3.69%	0.402%
23	12.780	1813	1818	1821	rBV	8417940	8177051	89.20%	9.701%
24	13.451	1930	1932	1937	rVB	79194	92603	1.01%	0.110%
25	13.680	1968	1971	1979	rVB2	406829	456100	4.98%	0.541%
26	13.815	1989	1994	1997	rBV	2964416	3010530	32.84%	3.572%
27	13.839	1997	1998	2001	rVB	334762	173316	1.89%	0.206%
28	14.315	2076	2079	2082	rBV3	184254	264022	2.88%	0.313%
29	14.674	2137	2140	2145	rVB2	419305	453382	4.95%	0.538%
30	14.815	2161	2164	2166	rBV	194623	232043	2.53%	0.275%
31	14.915	2178	2181	2184	rBV2	204453	210595	2.30%	0.250%
32	15.092	2208	2211	2215	rBV	140561	173881	1.90%	0.206%
33	15.145	2217	2220	2225	rVV	218239	280385	3.06%	0.333%
34	15.204	2226	2230	2234	rVB	1938508	2218498	24.20%	2.632%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-EF-01-010-ABCD

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

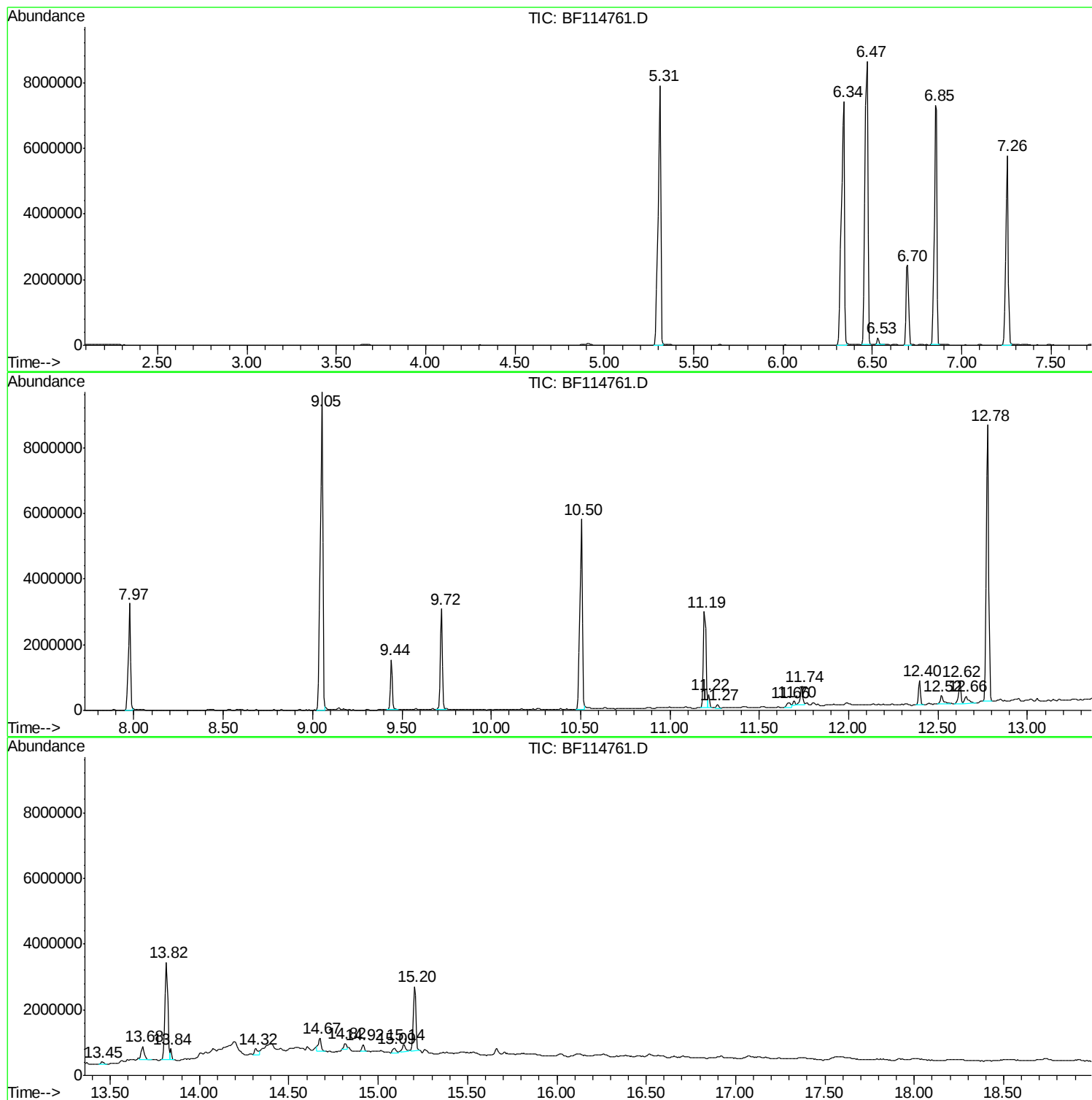
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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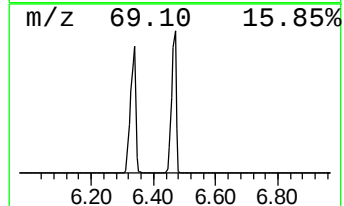
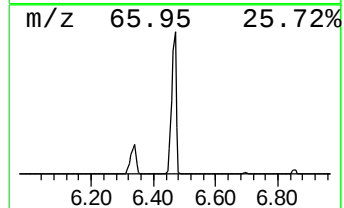
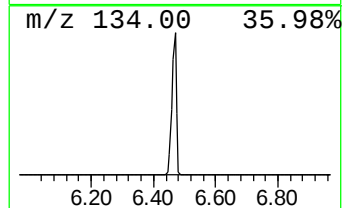
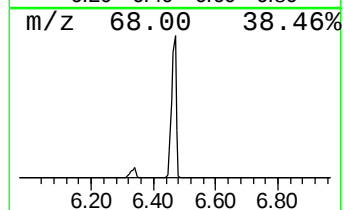
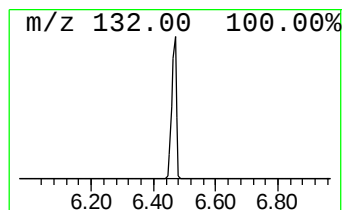
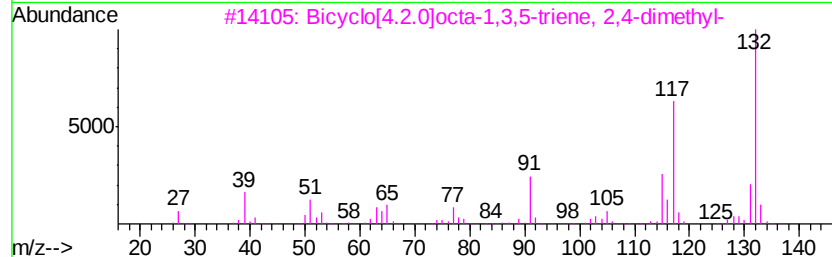
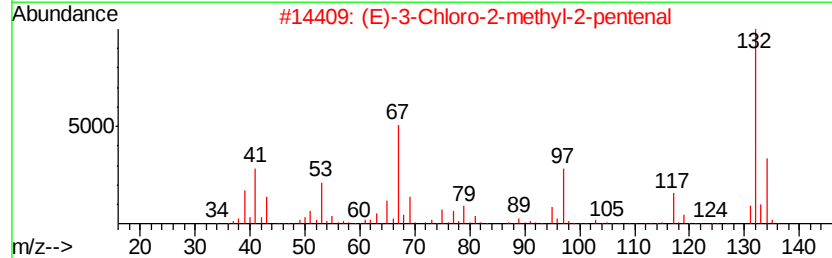
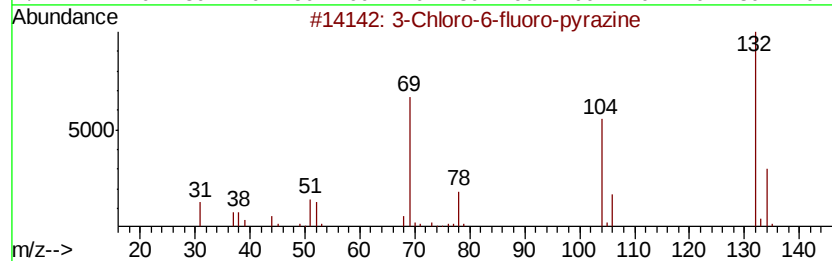
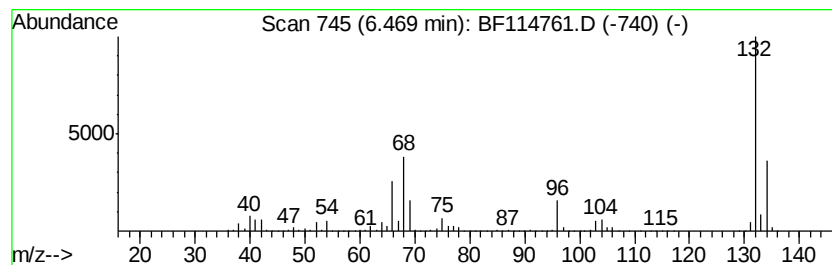
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	81.34 ng	8943830	1,4-Dichlorobenzene-d4	6.70

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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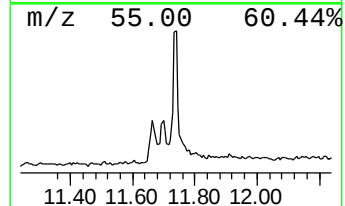
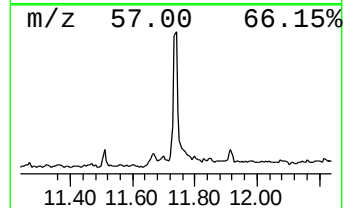
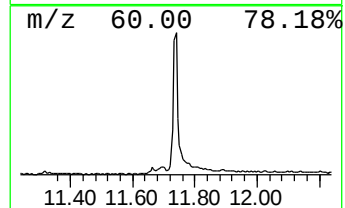
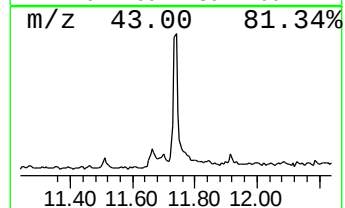
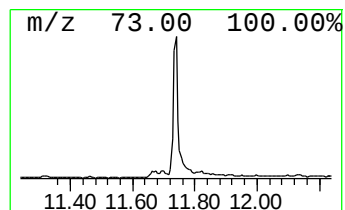
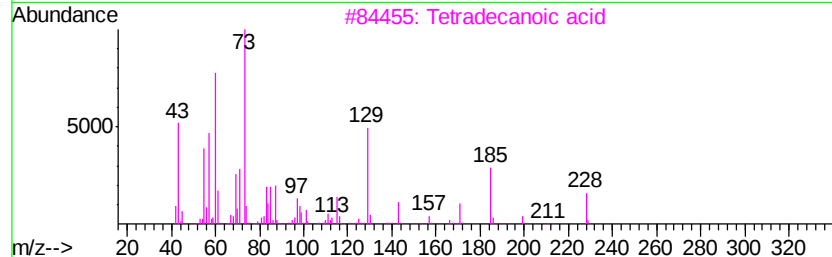
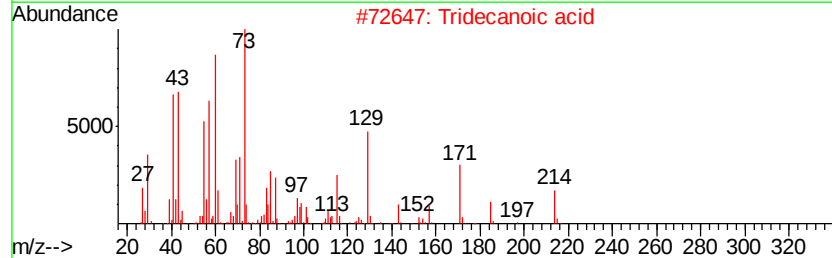
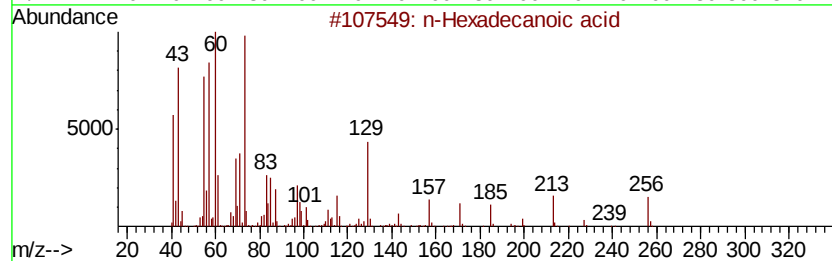
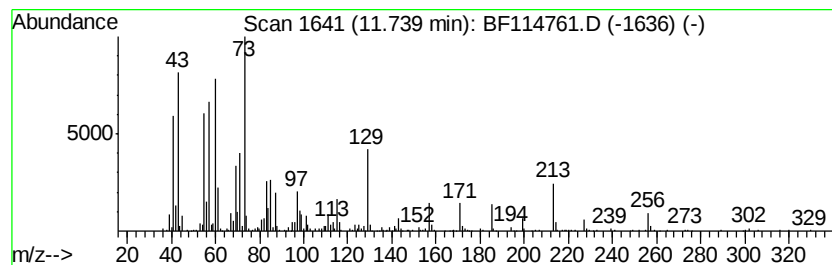
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.74	4.48 ng	594788	Phenanthrene-d10		11.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87



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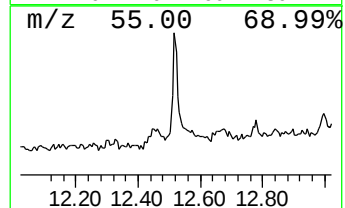
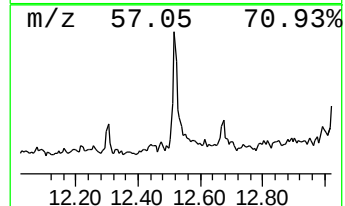
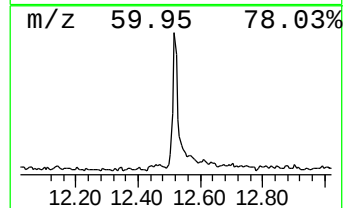
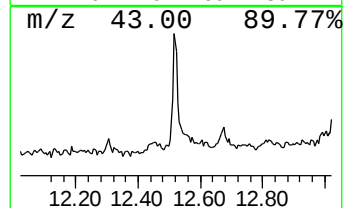
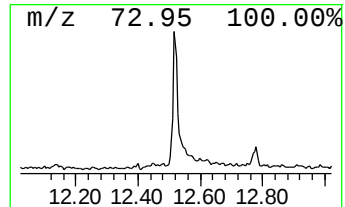
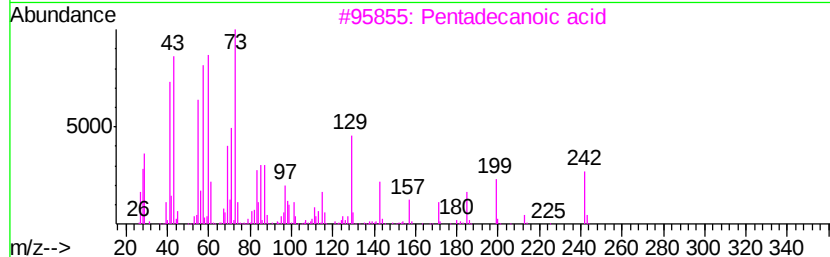
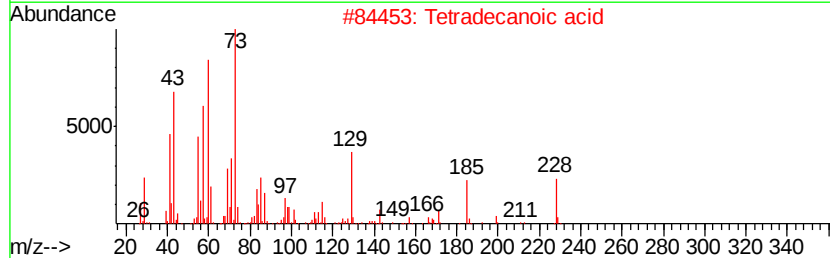
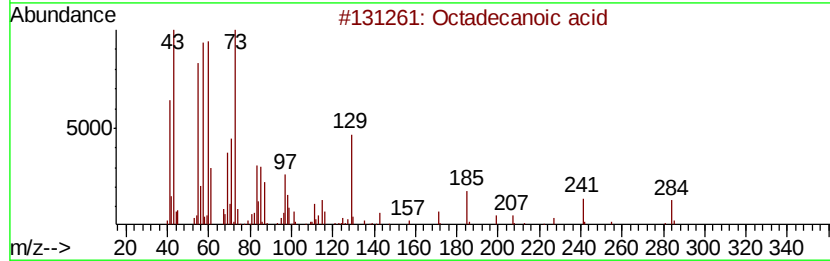
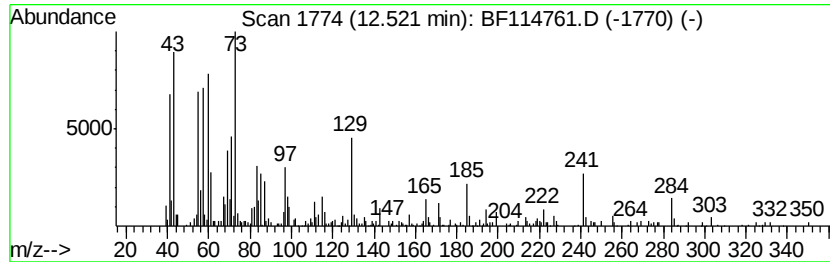
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.52	2.28 ng	343577	Chrysene-d12		13.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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Misc :
ALS Vial : 22 Sample Multiplier: 1

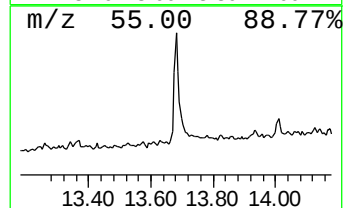
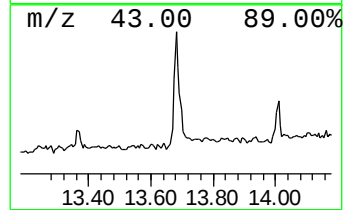
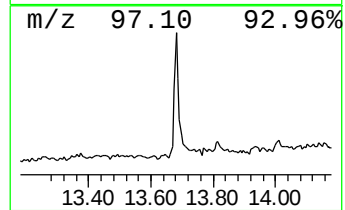
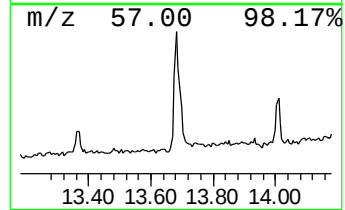
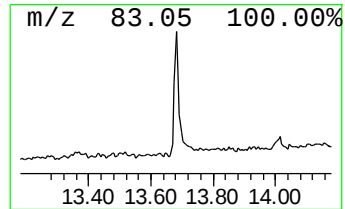
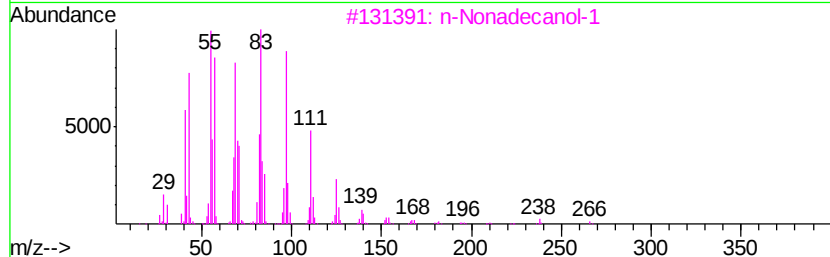
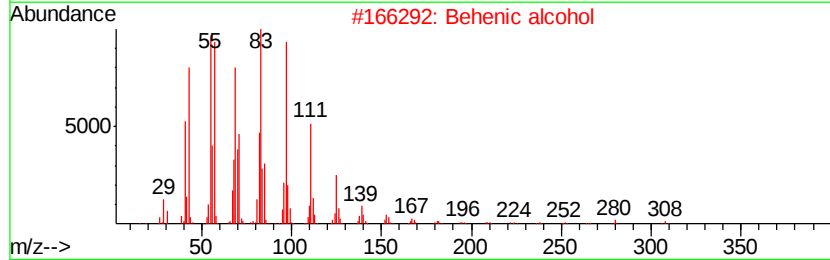
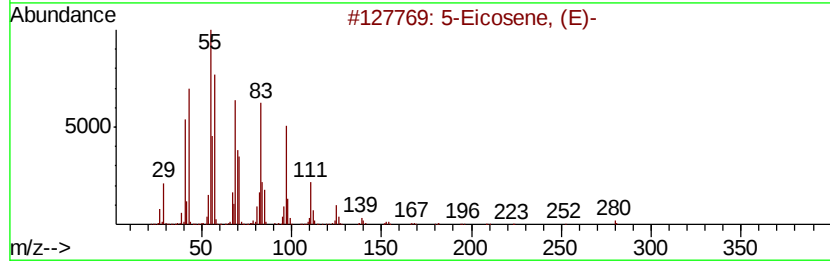
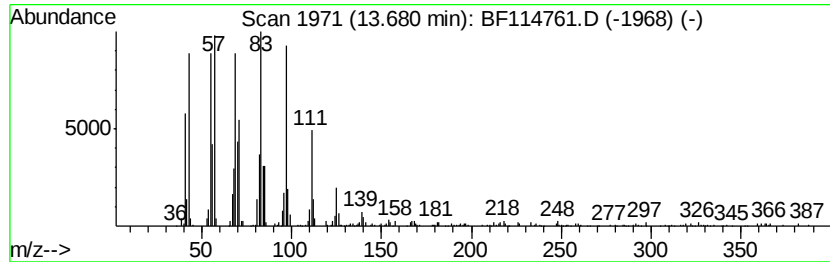
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.03 ng	456100	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	98
2	Behenic alcohol	326 C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284 C19H40O	001454-84-8	94
4	1-Heneicosanol	312 C21H44O	015594-90-8	94
5	9-Tricosene, (Z)-	322 C23H46	027519-02-4	94



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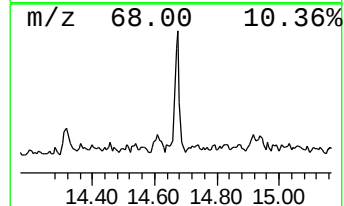
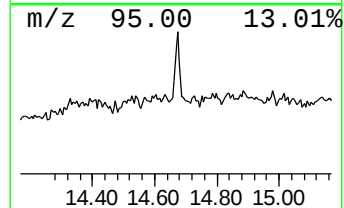
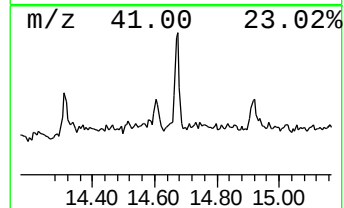
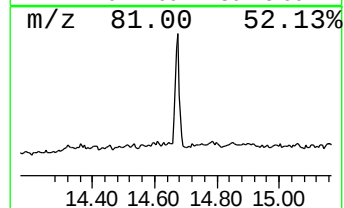
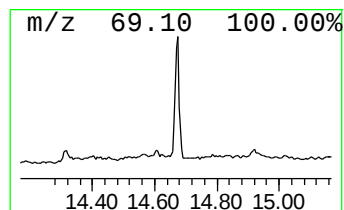
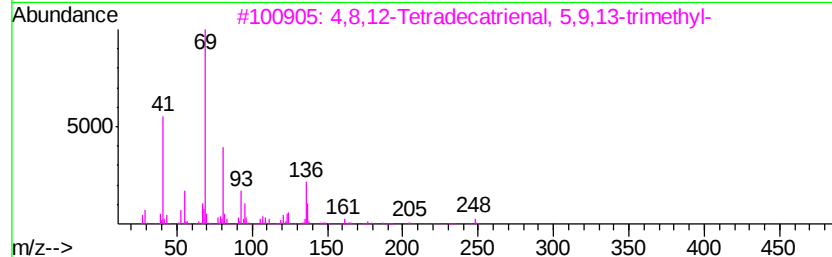
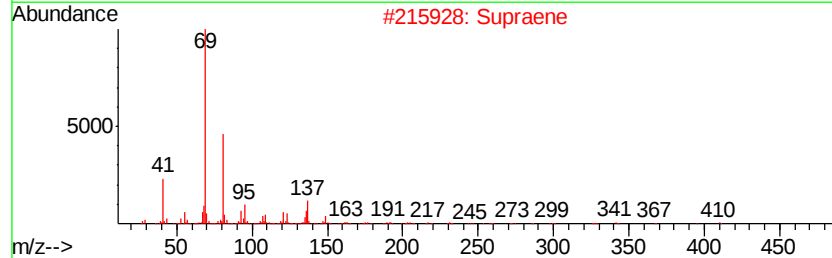
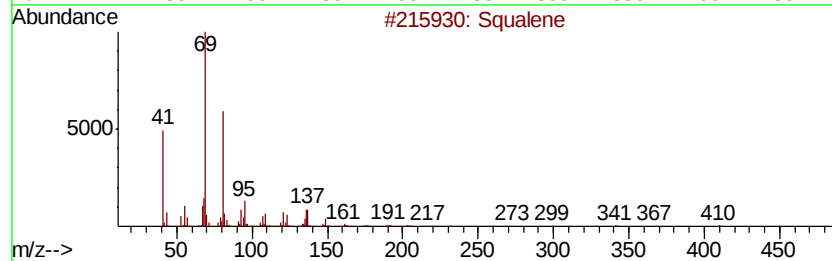
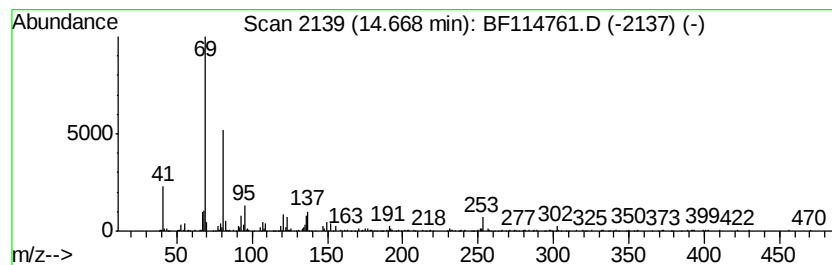
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.09 ng	453382	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	83
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		Citral	152	C10H16O	005392-40-5	59



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Sample : K3108-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

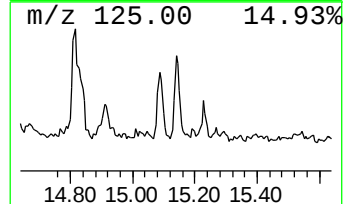
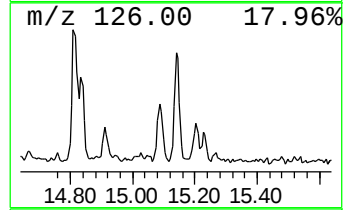
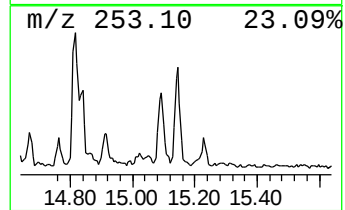
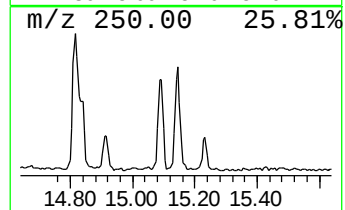
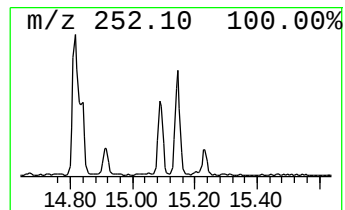
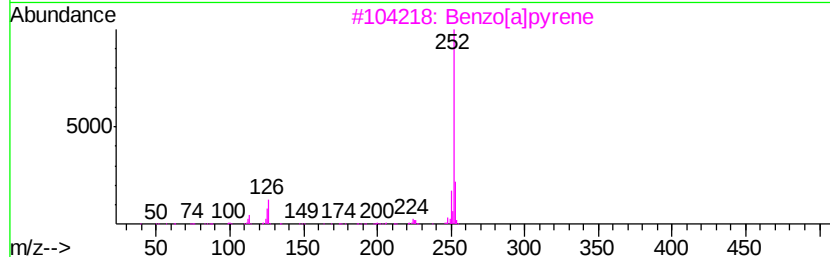
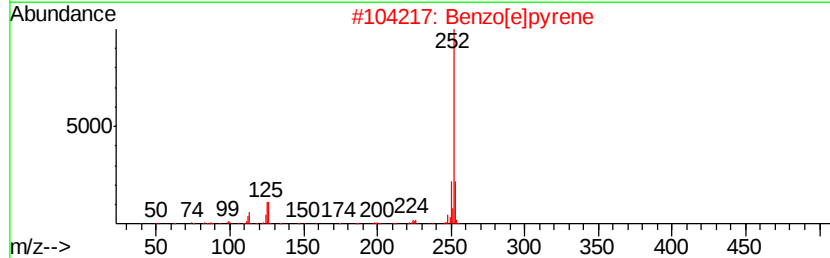
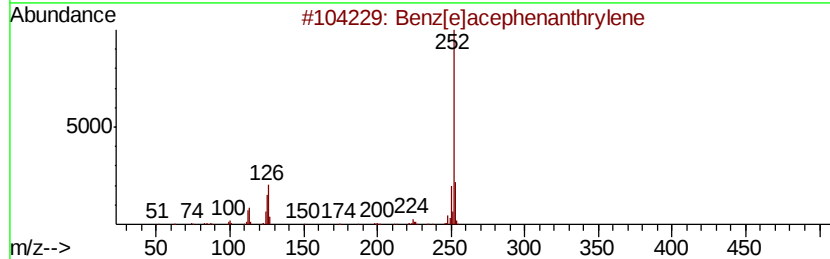
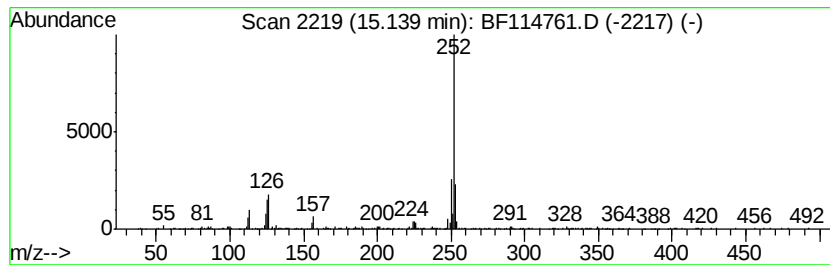
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	2.53 ng	280385	Perylene-d12	15.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[elacephenanthrylene	252	C20H12	000205-99-2	94
2	Benzo[elpyrene	252	C20H12	000192-97-2	93
3	Benzo[alpyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114761.D
Acq On : 1 Jun 2019 17:05
Operator : HP/JU
Sample : K3108-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.47	6.47	81.3	ng	8943830	1	6.70	2199050	20.0
n-Hexadecanoic acid	11.74	4.5	ng	594788	4	11.19	2653610	20.0
Octadecanoic acid	12.52	2.3	ng	343577	5	13.82	3010530	20.0
5-Eicosene, (E)-	13.68	3.0	ng	456100	5	13.82	3010530	20.0
Squalene	14.67	4.1	ng	453382	6	15.20	2218500	20.0
Benzo[e]pyrene	15.14	2.5	ng	280385	6	15.20	2218500	20.0