

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112809.D
 Acq On : 1 Mar 2019 19:32
 Operator : JU/SJ
 Sample : K1675-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-1-B

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-BF022719.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	5.357	550	556	559	rBV	3062643	3295954	94.06%	8.321%
2	6.375	724	729	734	rBV	3251745	3504000	100.00%	8.846%
3	6.510	748	752	756	rBV	3492304	3428399	97.84%	8.655%
4	6.745	788	792	795	rBV	1146170	998035	28.48%	2.520%
5	6.898	814	818	822	rBV	2978938	2673035	76.29%	6.748%
6	7.298	882	886	898	rBV	2066360	2112770	60.30%	5.334%
7	8.022	1005	1009	1029	rBV	1213647	1210247	34.54%	3.055%
8	9.098	1188	1192	1195	rBV	3881447	3349472	95.59%	8.456%
9	9.486	1255	1258	1265	rVB	142206	139110	3.97%	0.351%
10	9.774	1303	1307	1318	rVB	1151124	1143577	32.64%	2.887%
11	10.557	1435	1440	1451	rBV	1899576	2030730	57.95%	5.127%
12	11.251	1554	1558	1560	rBV	1174540	1087157	31.03%	2.745%
13	11.274	1560	1562	1566	rVV	385257	320091	9.14%	0.808%
14	11.321	1566	1570	1573	rVB2	78624	79358	2.26%	0.200%
15	11.474	1591	1596	1600	rBV2	40514	47404	1.35%	0.120%
16	11.751	1640	1643	1645	rBV	78380	65527	1.87%	0.165%
17	11.786	1645	1649	1653	rVV2	488766	511351	14.59%	1.291%
18	11.821	1653	1655	1658	rVV2	54197	60505	1.73%	0.153%
19	11.857	1658	1661	1664	rVV	112841	132002	3.77%	0.333%
20	11.880	1664	1665	1668	rVB	62261	46648	1.33%	0.118%
21	12.045	1690	1693	1694	rBV	55481	45560	1.30%	0.115%
22	12.063	1694	1696	1703	rVB2	76243	78098	2.23%	0.197%
23	12.298	1733	1736	1739	rBV	83047	82950	2.37%	0.209%
24	12.380	1747	1750	1756	rVB2	68437	81495	2.33%	0.206%
25	12.457	1759	1763	1767	rBV	941126	832206	23.75%	2.101%
26	12.568	1779	1782	1787	rBV2	158885	164841	4.70%	0.416%
27	12.680	1796	1801	1805	rBV	855406	870068	24.83%	2.196%
28	12.727	1807	1809	1815	rVB3	44966	80390	2.29%	0.203%
29	12.804	1819	1822	1823	rBV2	45646	41280	1.18%	0.104%
30	12.833	1823	1827	1830	rVV	3587603	3307017	94.38%	8.349%
31	12.904	1834	1839	1842	rBV3	64743	98721	2.82%	0.249%
32	12.986	1851	1853	1855	rBV2	52382	57106	1.63%	0.144%
33	13.010	1855	1857	1860	rVB	82817	73920	2.11%	0.187%
34	13.051	1860	1864	1866	rBV3	30182	38367	1.09%	0.097%

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35	13.074	1866	1868	1871	rVB	74424	65378	1.87%	0.165%
36	13.115	1871	1875	1877	rBV	112317	118638	3.39%	0.300%
37	13.204	1887	1890	1893	rVB	65751	61953	1.77%	0.156%
38	13.233	1893	1895	1899	rBV	64115	63342	1.81%	0.160%
39	13.398	1919	1923	1924	rBV4	28951	39305	1.12%	0.099%
40	13.415	1924	1926	1932	rVB2	71465	84959	2.42%	0.214%
41	13.509	1939	1942	1948	rBV	136011	144750	4.13%	0.365%
42	13.621	1957	1961	1964	rBV2	120234	156678	4.47%	0.396%
43	13.657	1964	1967	1968	rVV	84178	81431	2.32%	0.206%
44	13.674	1968	1970	1974	rVV2	75798	109974	3.14%	0.278%
45	13.733	1974	1980	1987	rVB4	408490	581674	16.60%	1.468%
46	13.874	1999	2004	2007	rBV2	1604876	1910834	54.53%	4.824%
47	13.898	2007	2008	2011	rVB	502978	314471	8.97%	0.794%
48	14.062	2033	2036	2038	rVB	143615	128266	3.66%	0.324%
49	14.092	2038	2041	2045	rBV3	35930	41267	1.18%	0.104%
50	14.262	2067	2070	2072	rVB	96358	89061	2.54%	0.225%
51	14.292	2073	2075	2078	rVB2	68056	62724	1.79%	0.158%
52	14.362	2084	2087	2090	rBV	147945	141126	4.03%	0.356%
53	14.662	2135	2138	2144	rVB	171415	175248	5.00%	0.442%
54	14.886	2172	2176	2179	rBV	428882	613542	17.51%	1.549%
55	14.980	2189	2192	2200	rVB2	208250	244978	6.99%	0.618%
56	15.168	2220	2224	2230	rVB	221162	258619	7.38%	0.653%
57	15.221	2230	2233	2238	rVV	265381	314207	8.97%	0.793%
58	15.286	2239	2244	2247	rVV	834205	969761	27.68%	2.448%
59	15.339	2250	2253	2257	rVB	150878	175341	5.00%	0.443%
60	15.745	2319	2322	2326	rBV	87423	114274	3.26%	0.288%
61	15.786	2327	2329	2333	rVB4	59012	73082	2.09%	0.184%
62	16.639	2471	2474	2480	rVB2	118590	203523	5.81%	0.514%
63	17.050	2540	2544	2551	rVB	92906	185895	5.31%	0.469%

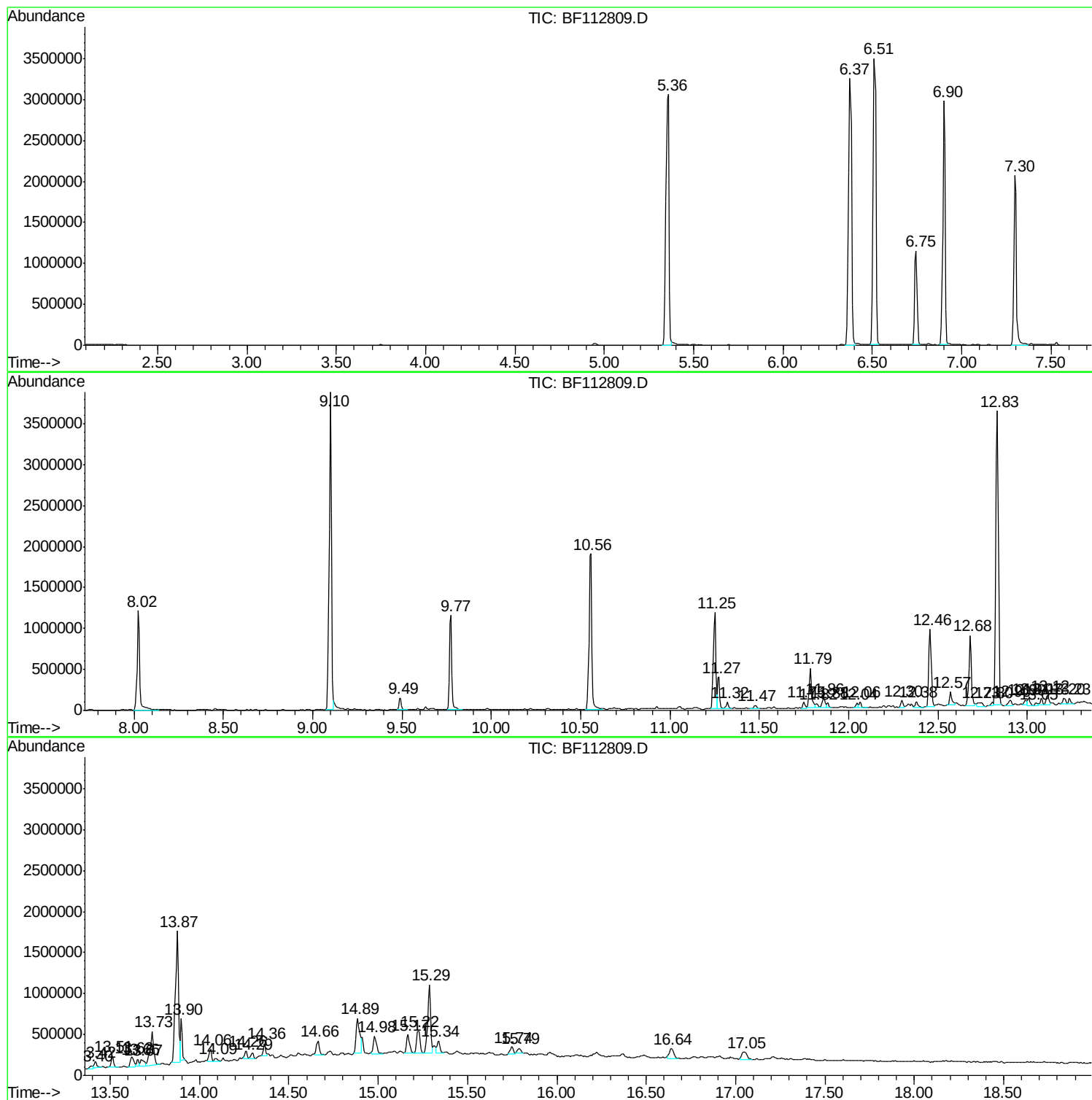
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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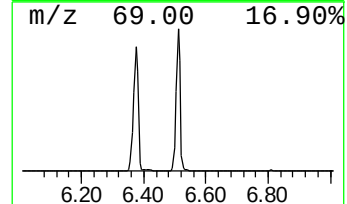
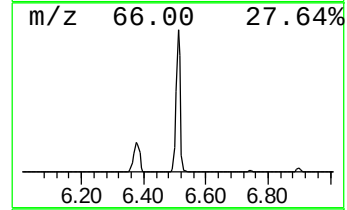
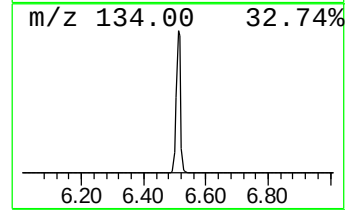
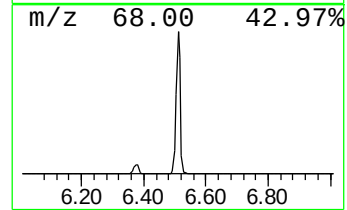
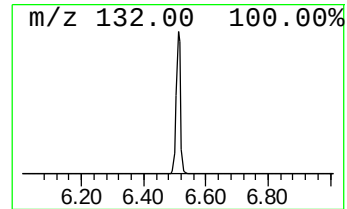
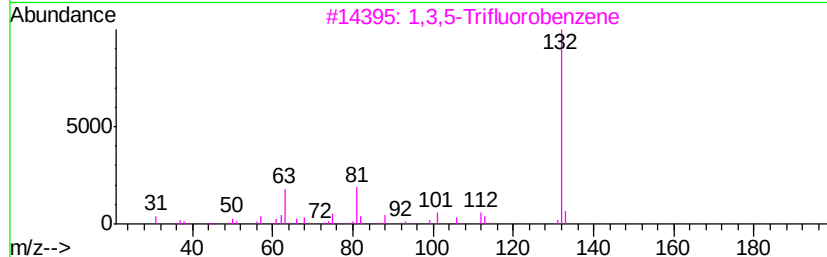
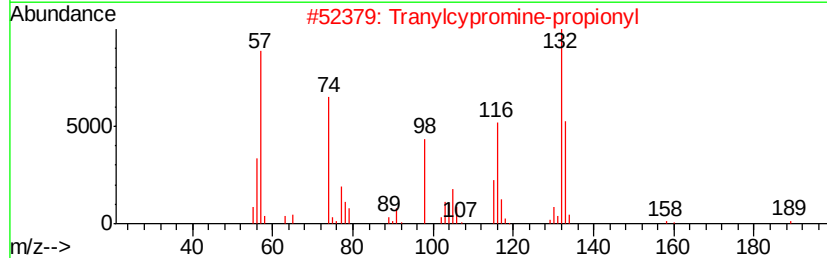
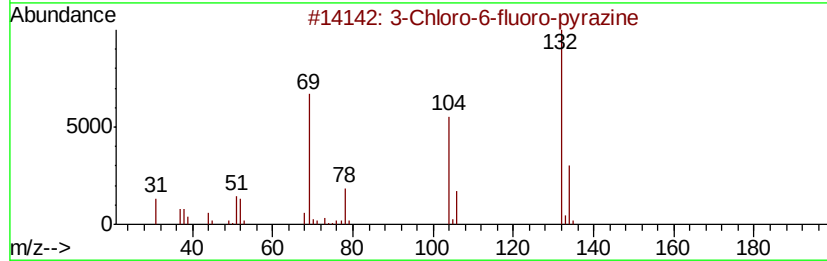
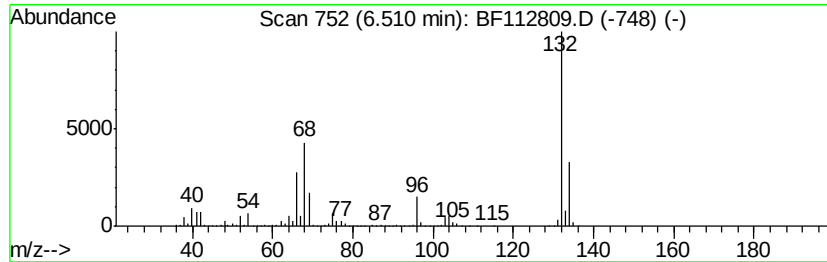
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	68.70 ng	3428400	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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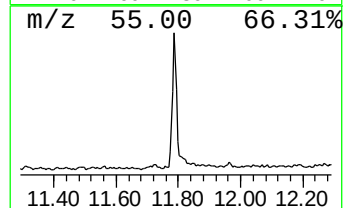
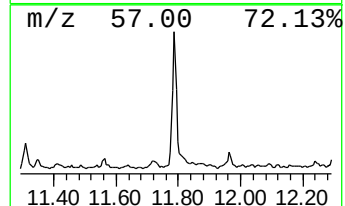
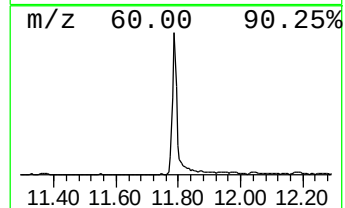
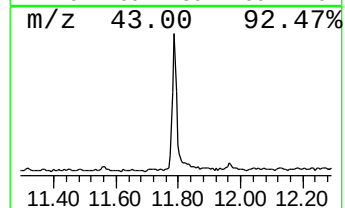
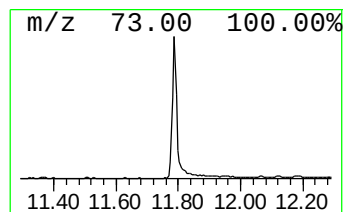
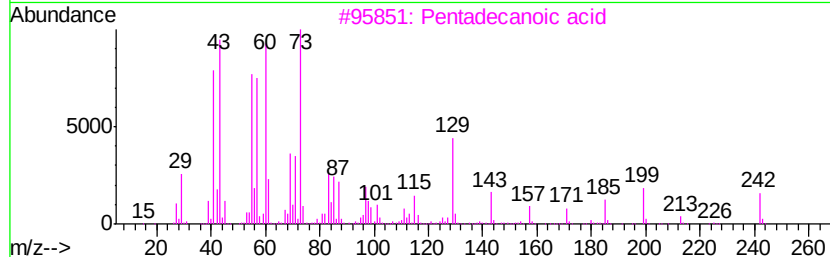
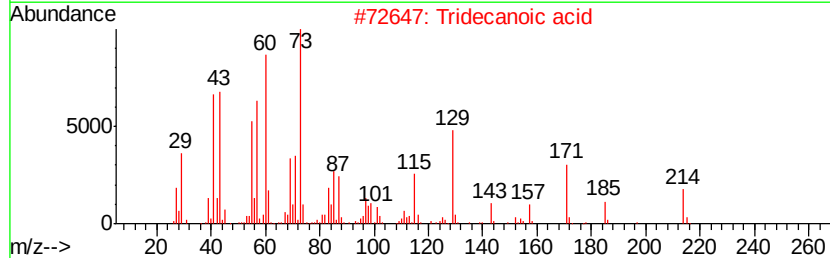
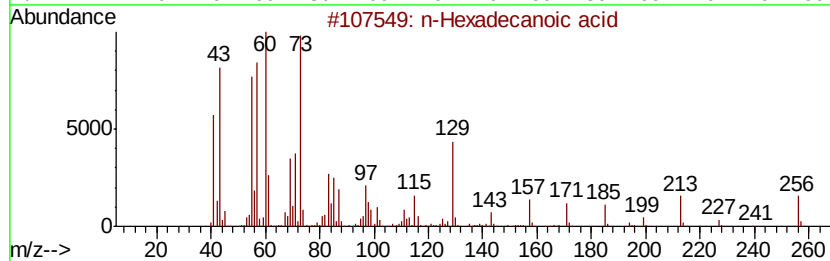
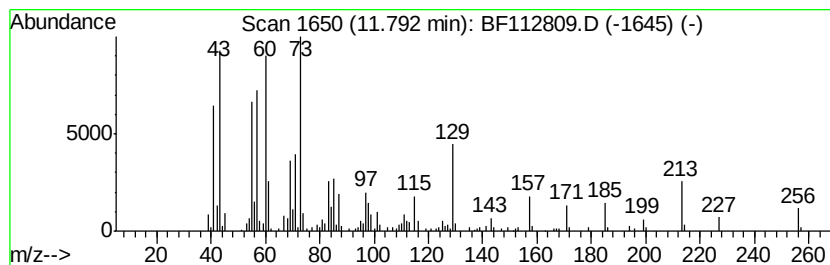
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.79	9.41 ng	511351	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	18



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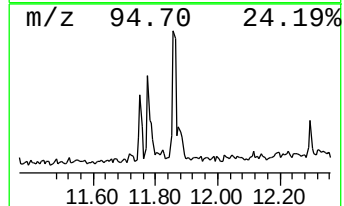
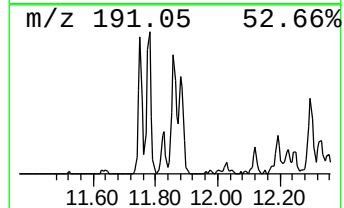
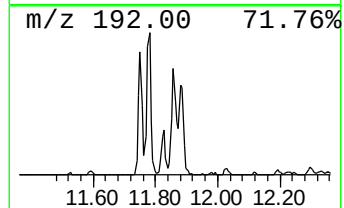
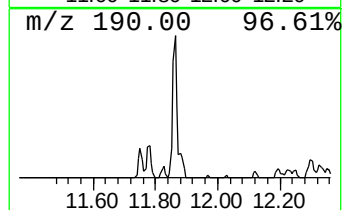
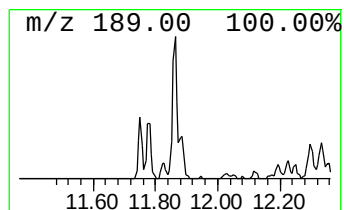
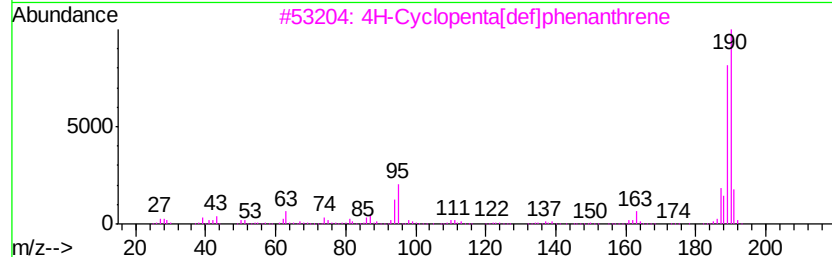
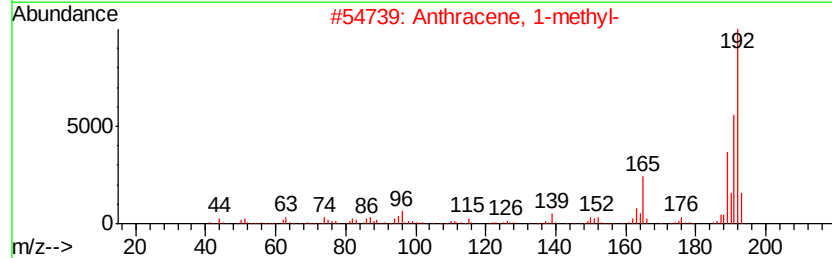
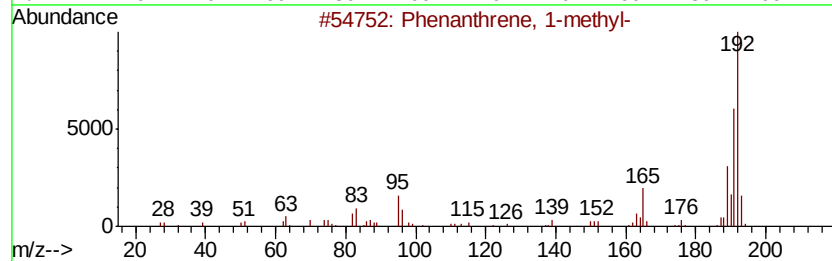
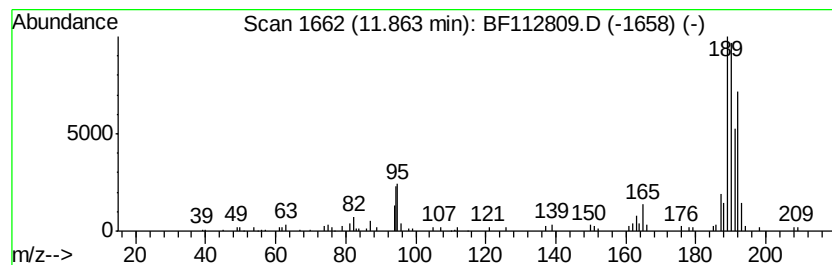
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.43 ng	132002	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46



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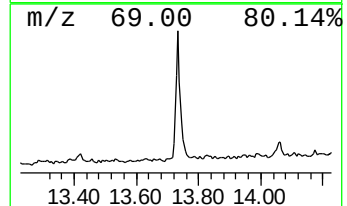
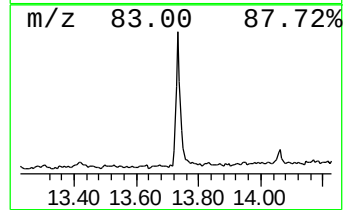
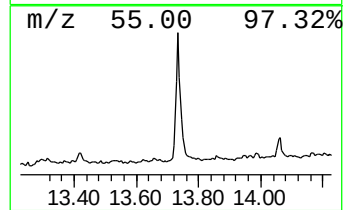
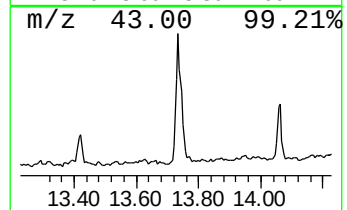
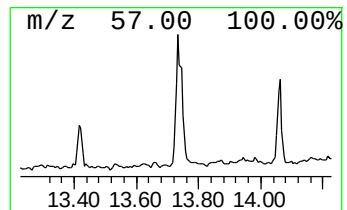
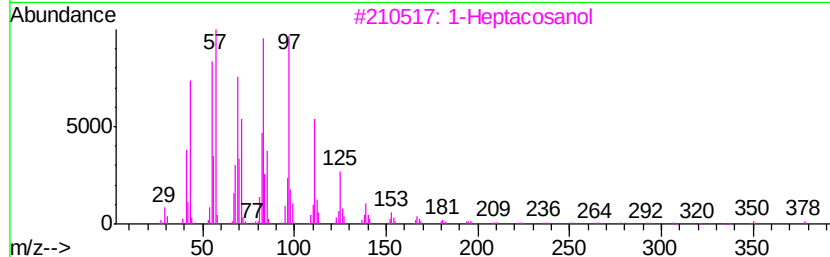
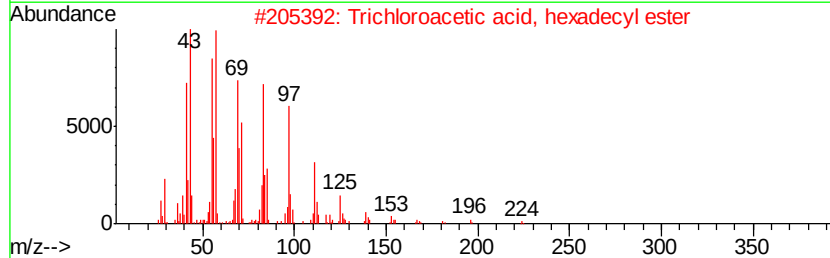
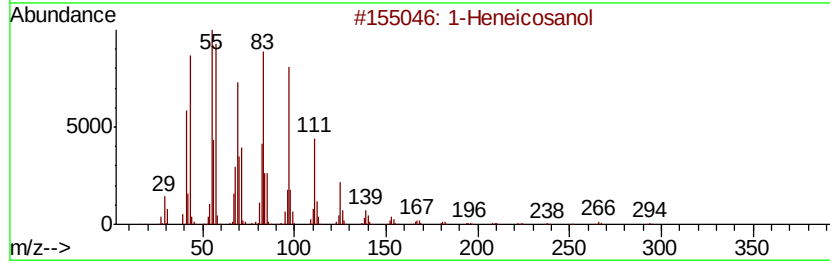
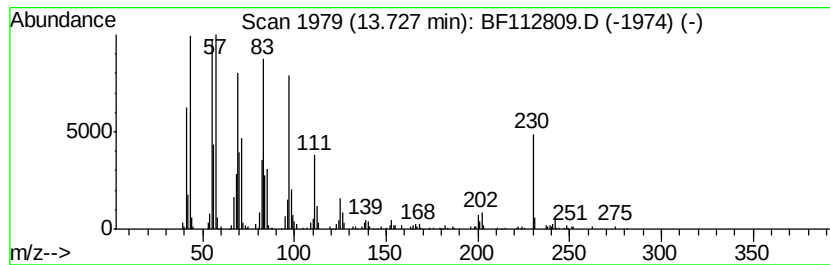
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.09 ng	581674	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
3	1-Heptacosanol		396	C27H56O	002004-39-9	94
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	94



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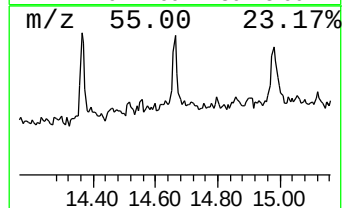
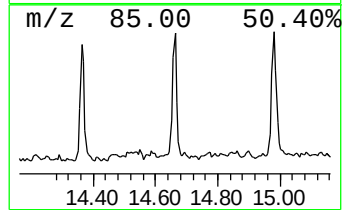
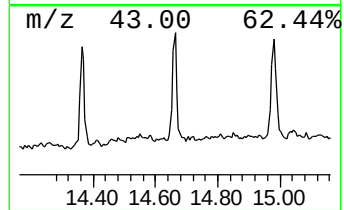
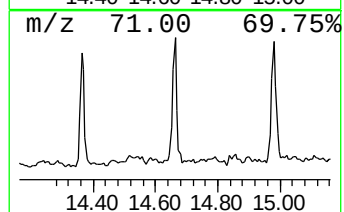
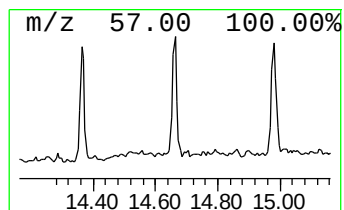
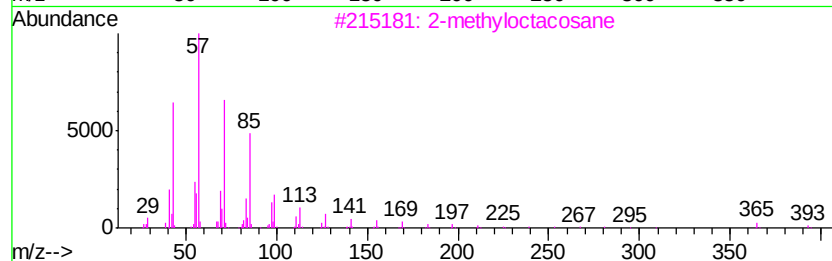
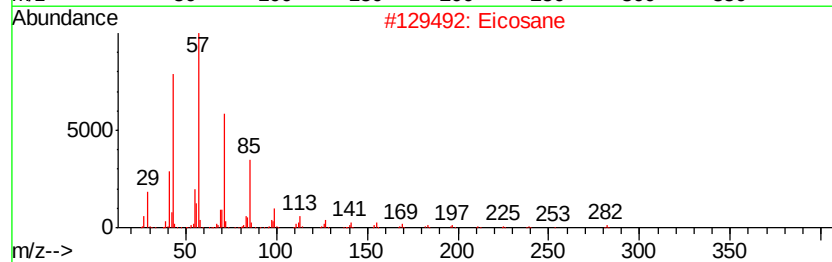
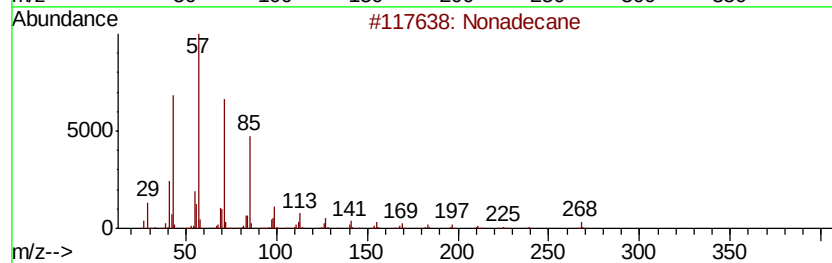
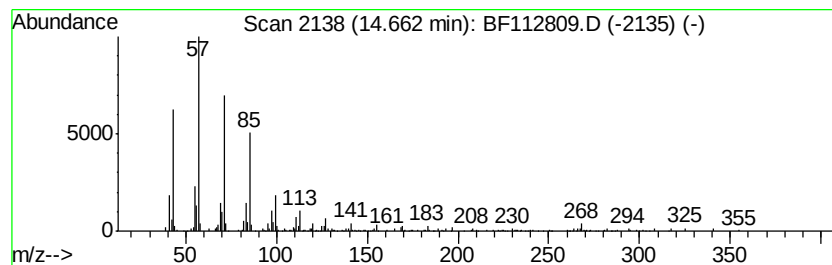
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.61 ng	175248	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	96
2	Eicosane		282	C20H42	000112-95-8	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Tetracosane		338	C24H50	000646-31-1	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112809.D
 Acq On : 1 Mar 2019 19:32
 Operator : JU/SJ
 Sample : K1675-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

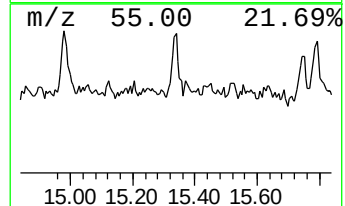
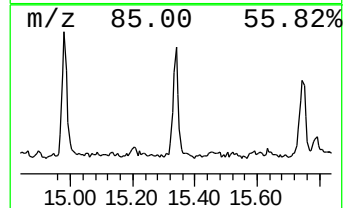
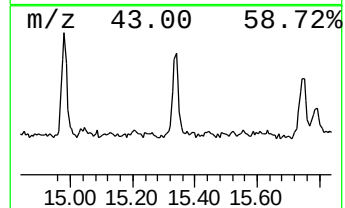
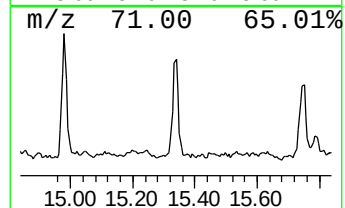
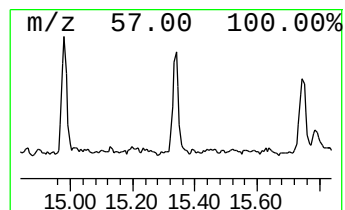
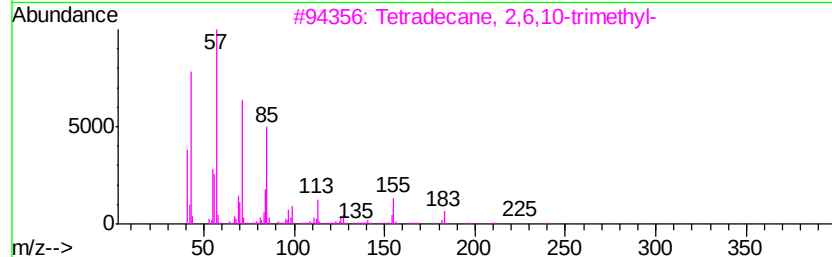
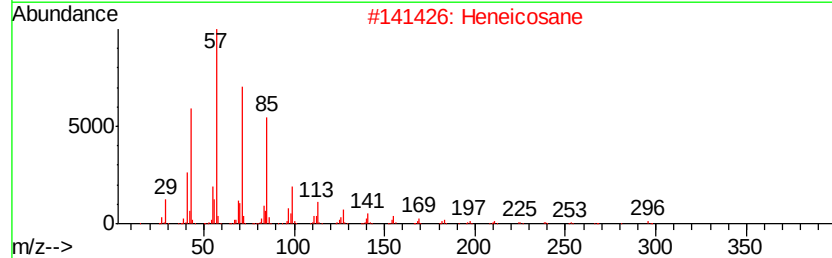
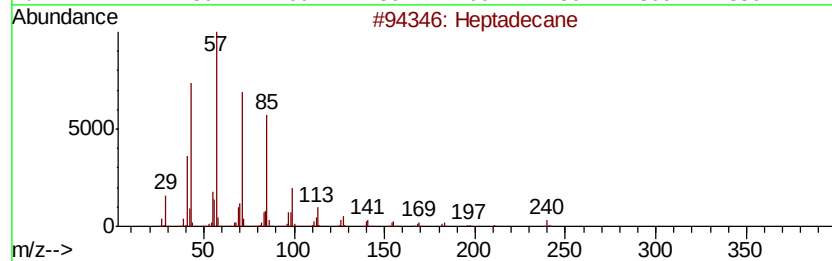
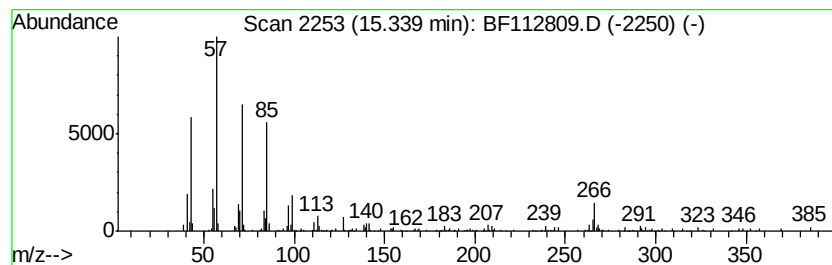
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.34	3.62 ng	175341	Perylene-d12	15.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74
4	Hexacosane	366	C26H54	000630-01-3	70
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112809.D
Acq On : 1 Mar 2019 19:32
Operator : JU/SJ
Sample : K1675-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

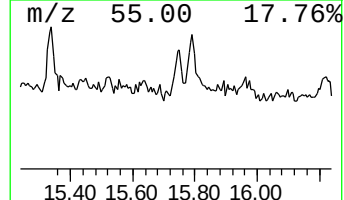
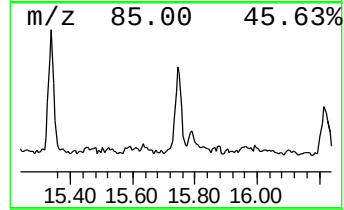
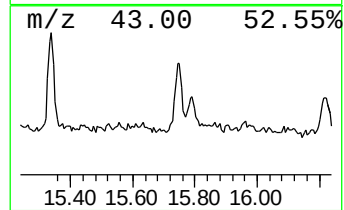
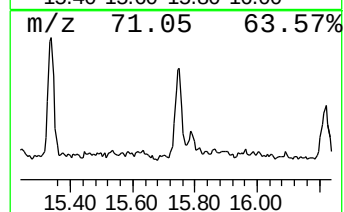
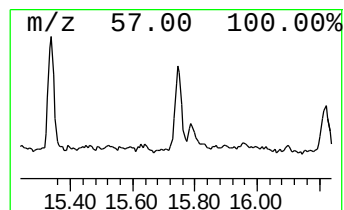
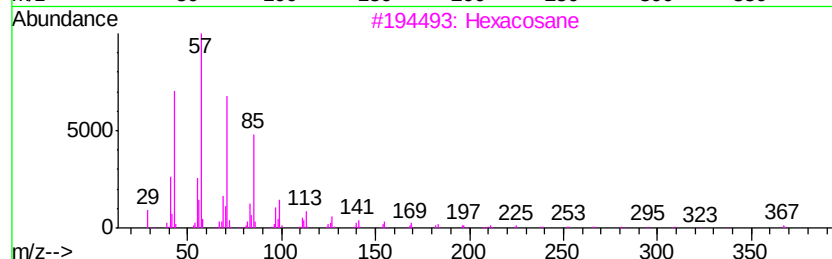
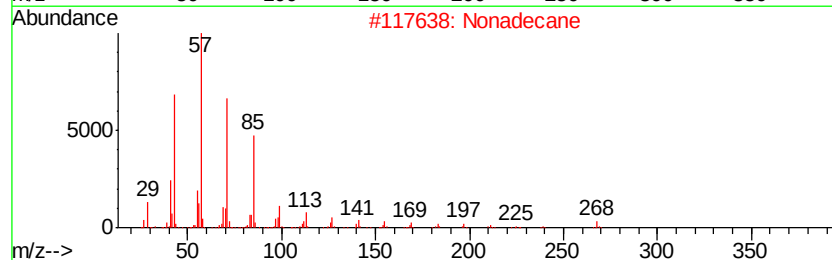
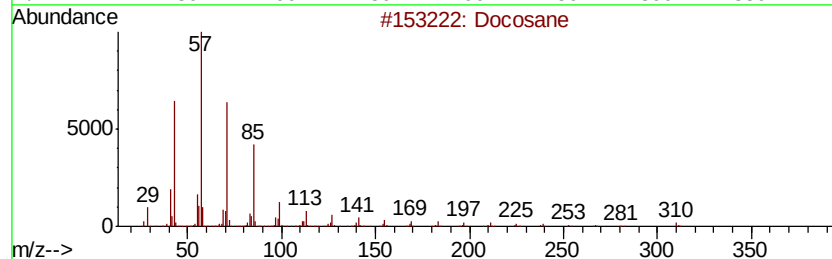
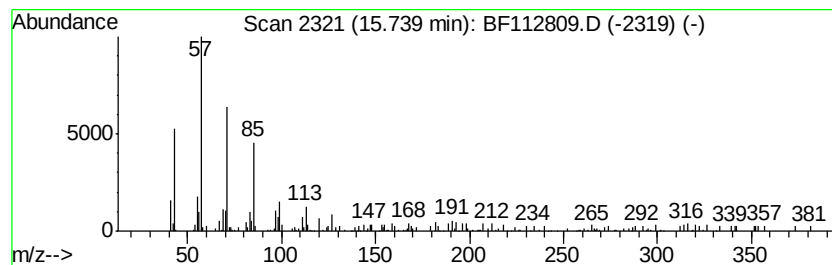
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.36 ng	114274	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Nonadecane	268	C19H40	000629-92-5	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112809.D
Acq On : 1 Mar 2019 19:32
Operator : JU/SJ
Sample : K1675-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	68.7	ng	3428400	1	6.75	998035	20.0
n-Hexadecanoic acid	11.79	9.4	ng	511351	4	11.25	1087160	20.0
Phenanthrene, 1-m...	11.86	2.4	ng	132002	4	11.25	1087160	20.0
1-Heneicosanol	13.73	6.1	ng	581674	5	13.87	1910830	20.0
Nonadecane	14.66	3.6	ng	175248	6	15.29	969761	20.0
Heptadecane	15.34	3.6	ng	175341	6	15.29	969761	20.0
Docosane	15.74	2.4	ng	114274	6	15.29	969761	20.0