

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112803.D
 Acq On : 1 Mar 2019 16:49
 Operator : JU/SJ
 Sample : K1670-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-032-A

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	5.345	550	554	571	rBV	1844969	1930618	92.89%	7.520%
2	6.369	724	728	741	rBV	2198636	2045325	98.41%	7.967%
3	6.510	748	752	755	rBV	2372463	2050910	98.68%	7.989%
4	6.745	788	792	795	rBV	1215069	1094847	52.68%	4.265%
5	6.898	814	818	822	rBV	1849222	1565009	75.30%	6.096%
6	7.298	881	886	894	rBV	1404718	1237171	59.52%	4.819%
7	8.022	1005	1009	1022	rBV	1410593	1403174	67.51%	5.466%
8	9.098	1188	1192	1202	rBV	2412976	2078443	100.00%	8.096%
9	9.192	1205	1208	1214	rVB2	32898	35317	1.70%	0.138%
10	9.486	1255	1258	1262	rBV	117961	122138	5.88%	0.476%
11	9.633	1279	1283	1285	rBV	34027	31837	1.53%	0.124%
12	9.722	1295	1298	1303	rBV	30043	26918	1.30%	0.105%
13	9.769	1303	1306	1320	rVB	1311400	1343026	64.62%	5.231%
14	10.216	1380	1382	1386	rVB2	31268	25498	1.23%	0.099%
15	10.551	1435	1439	1452	rBV	1181976	1134734	54.60%	4.420%
16	10.686	1459	1462	1470	rVB2	32866	48312	2.32%	0.188%
17	11.133	1535	1538	1542	rVB3	25149	23840	1.15%	0.093%
18	11.251	1554	1558	1560	rBV	1156881	1122927	54.03%	4.374%
19	11.269	1560	1561	1566	rVV	146163	116213	5.59%	0.453%
20	11.321	1566	1570	1573	rVB2	51432	50832	2.45%	0.198%
21	11.657	1624	1627	1632	rVB3	27594	27162	1.31%	0.106%
22	11.780	1645	1648	1653	rBV2	199932	221248	10.64%	0.862%
23	11.857	1659	1661	1664	rBV	54627	56510	2.72%	0.220%
24	12.045	1690	1693	1695	rBV	31917	28925	1.39%	0.113%
25	12.298	1732	1736	1739	rBV	46034	48790	2.35%	0.190%
26	12.333	1739	1742	1744	rVV2	72499	73248	3.52%	0.285%
27	12.357	1744	1746	1748	rVV	101619	85177	4.10%	0.332%
28	12.380	1748	1750	1755	rVB4	22066	30585	1.47%	0.119%
29	12.451	1759	1762	1767	rBV	386800	388728	18.70%	1.514%
30	12.568	1779	1782	1786	rVB	72042	74046	3.56%	0.288%
31	12.680	1796	1801	1804	rBV	375526	383391	18.45%	1.493%
32	12.804	1819	1822	1823	rBV	29474	28508	1.37%	0.111%
33	12.827	1823	1826	1830	rVV	1892931	1623379	78.11%	6.324%
34	12.904	1834	1839	1842	rBV3	43554	66787	3.21%	0.260%

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35	12.986	1850	1853	1854	rBV3	30397	24762	1.19%	0.096%
36	13.010	1854	1857	1861	rVB	131599	118801	5.72%	0.463%
37	13.074	1865	1868	1871	rVB	126994	112724	5.42%	0.439%
38	13.110	1871	1874	1878	rBV	62682	74395	3.58%	0.290%
39	13.204	1887	1890	1893	rBV	30257	29064	1.40%	0.113%
40	13.233	1893	1895	1899	rBV2	29799	33515	1.61%	0.131%
41	13.415	1923	1926	1932	rVB3	51484	67842	3.26%	0.264%
42	13.492	1936	1939	1940	rBV2	29211	30267	1.46%	0.118%
43	13.627	1958	1962	1964	rBV2	50779	61293	2.95%	0.239%
44	13.674	1968	1970	1975	rVV2	37525	60137	2.89%	0.234%
45	13.733	1977	1980	1988	rVB2	152913	195815	9.42%	0.763%
46	13.874	1999	2004	2007	rBV2	1475763	1579480	75.99%	6.153%
47	13.898	2007	2008	2011	rVB	254062	147710	7.11%	0.575%
48	14.062	2033	2036	2038	rVB	71118	63136	3.04%	0.246%
49	14.257	2067	2069	2072	rVB	60519	57442	2.76%	0.224%
50	14.362	2084	2087	2092	rBV2	89245	99617	4.79%	0.388%
51	14.657	2135	2137	2145	rVB	114863	135822	6.53%	0.529%
52	14.880	2172	2175	2179	rBV	201211	308576	14.85%	1.202%
53	14.980	2189	2192	2200	rVB2	166478	196295	9.44%	0.765%
54	15.168	2221	2224	2229	rVB	112159	125548	6.04%	0.489%
55	15.221	2230	2233	2237	rVV	158930	175657	8.45%	0.684%
56	15.286	2239	2244	2247	rVV	880073	1059286	50.97%	4.126%
57	15.333	2250	2252	2257	rVB	132304	159319	7.67%	0.621%
58	15.745	2319	2322	2326	rVB	110007	132015	6.35%	0.514%

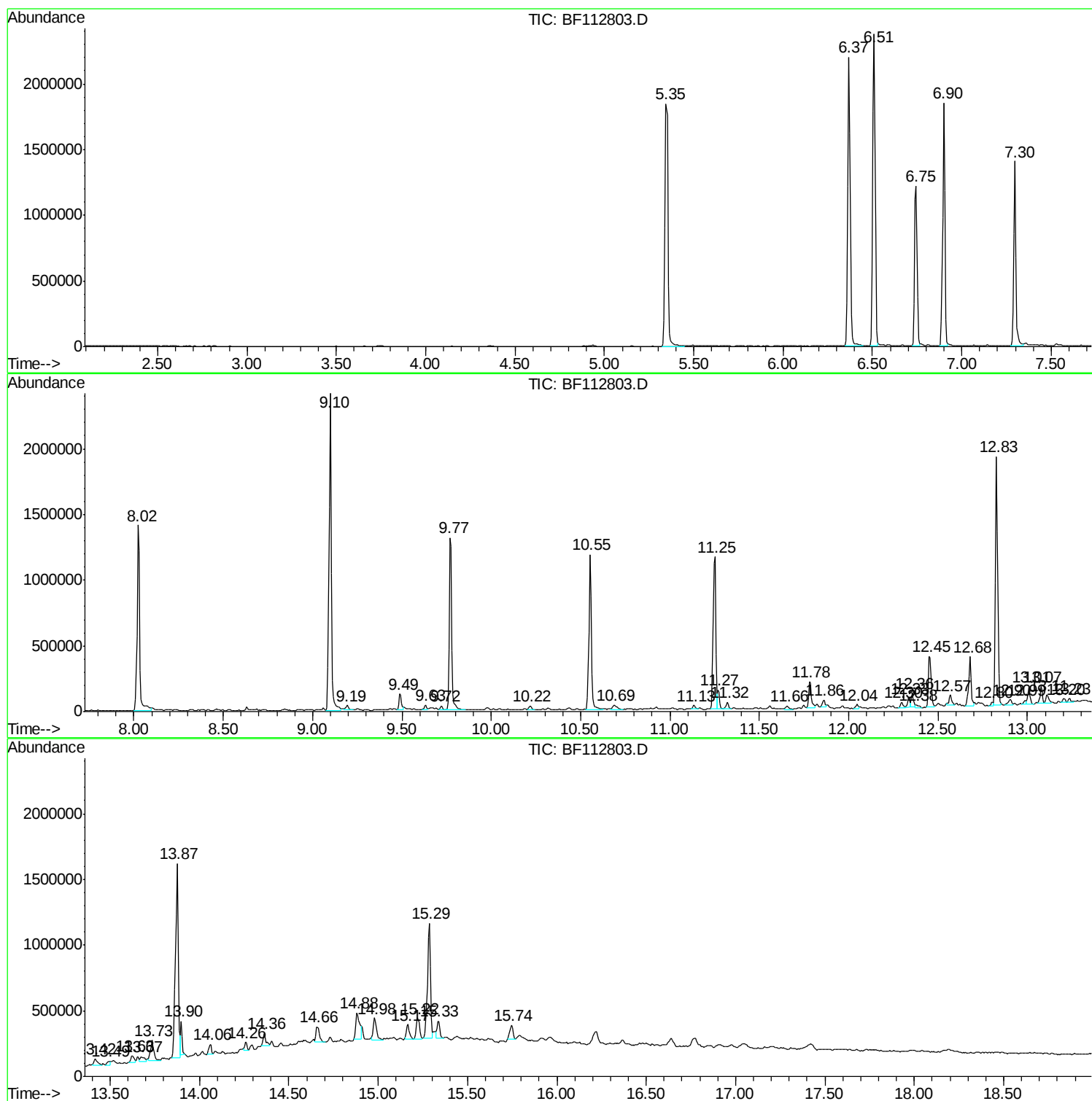
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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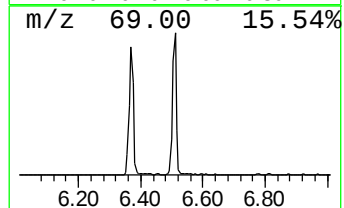
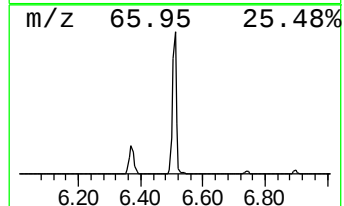
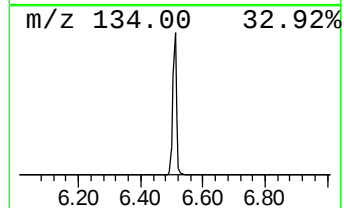
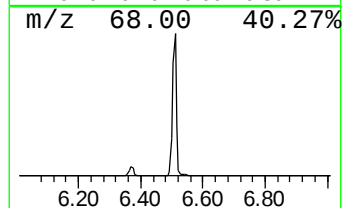
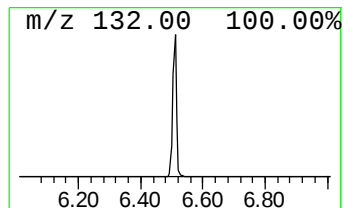
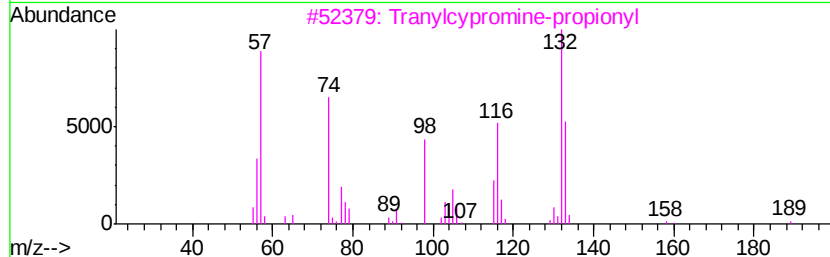
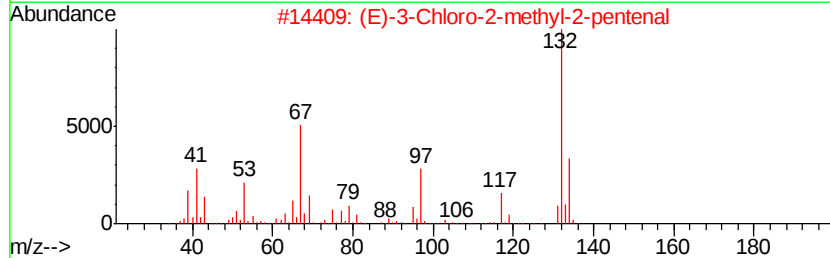
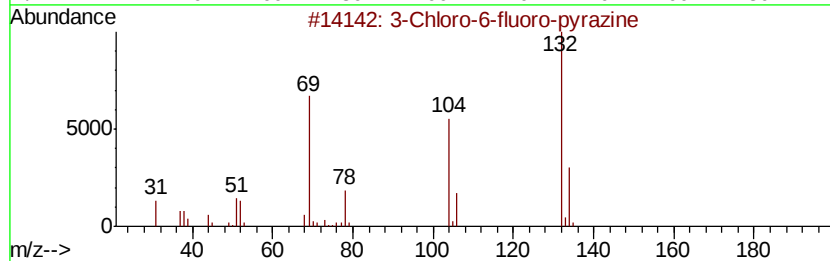
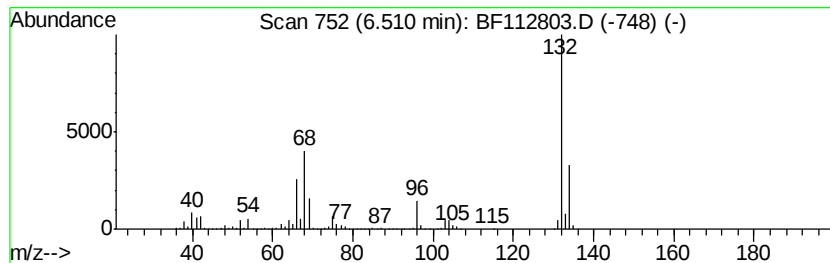
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	37.46 ng	2050910	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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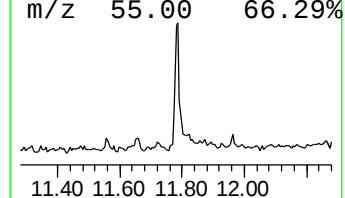
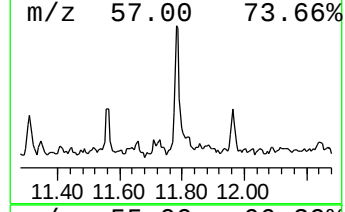
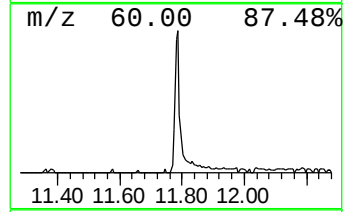
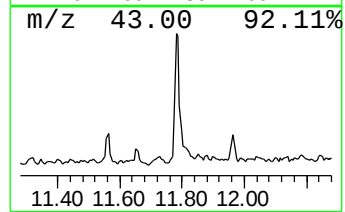
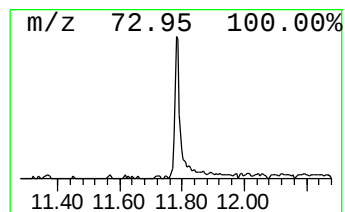
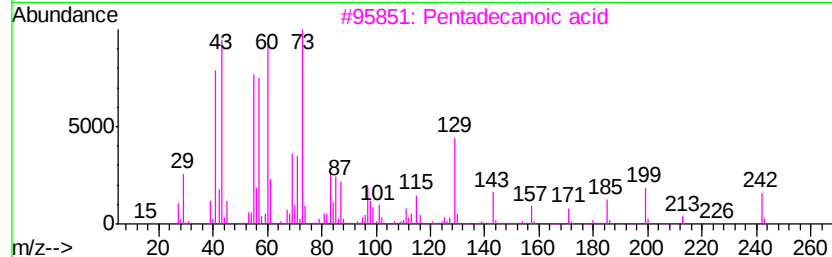
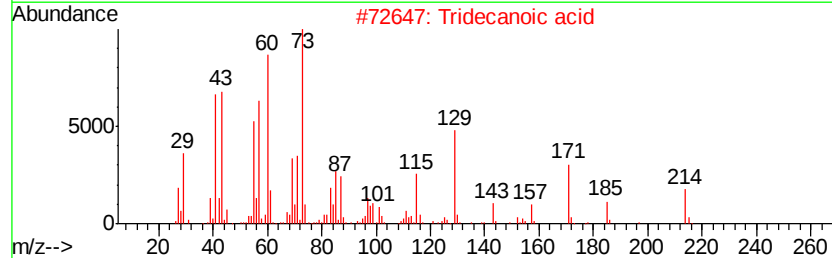
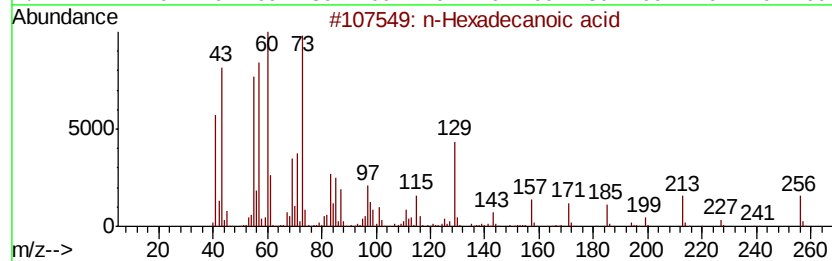
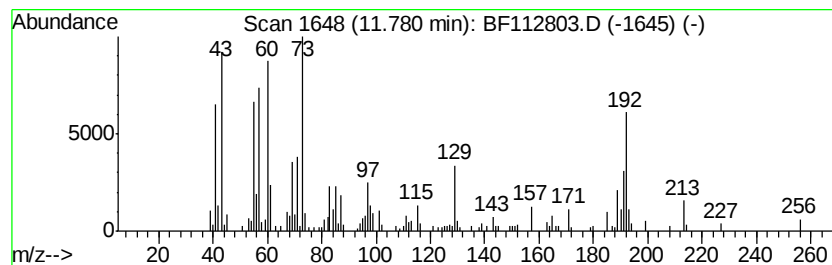
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.94 ng	221248	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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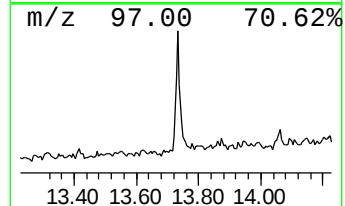
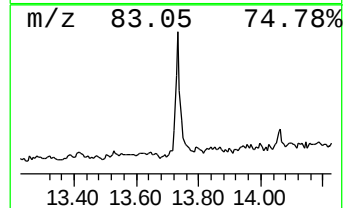
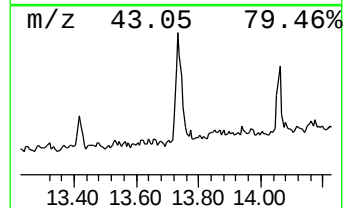
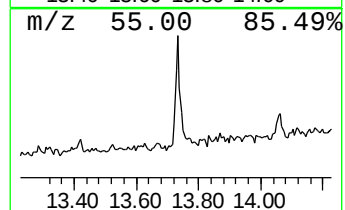
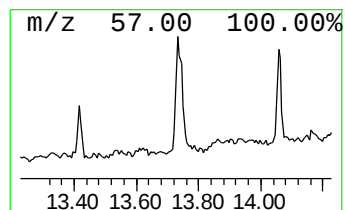
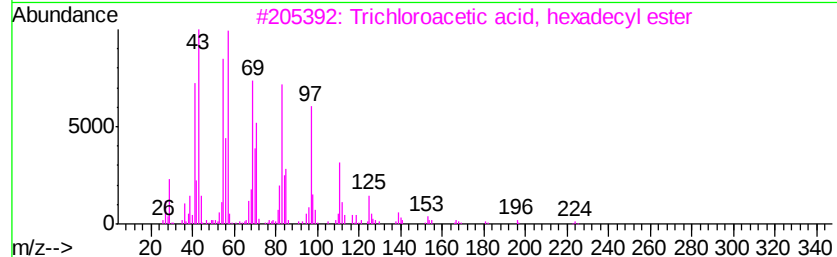
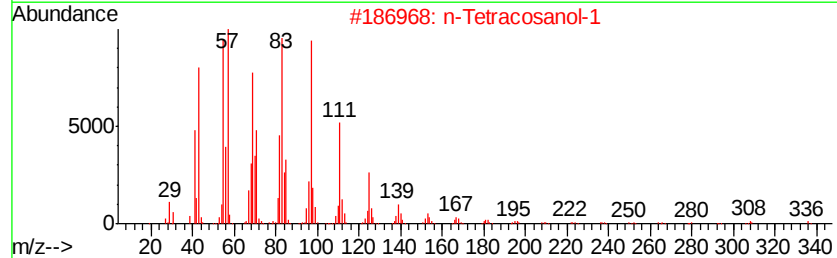
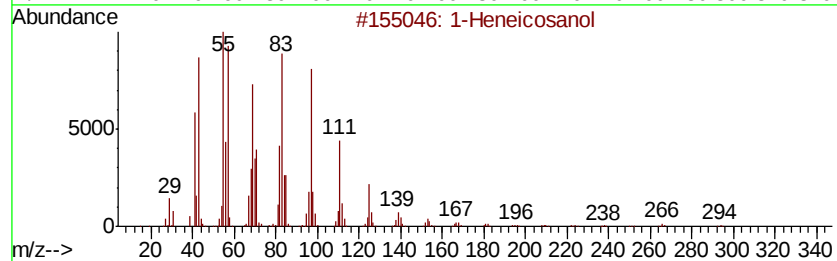
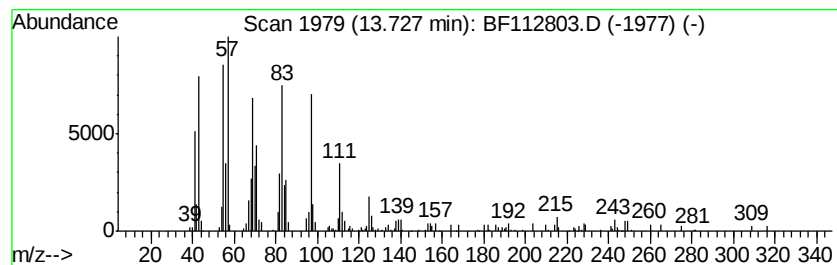
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Peak Number 4 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	2.48 ng	195815	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
5		1-Hexadecanol	242	C16H34O	036653-82-4	76



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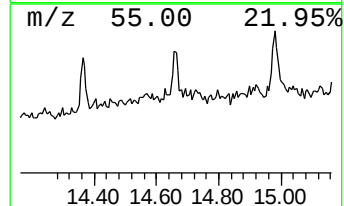
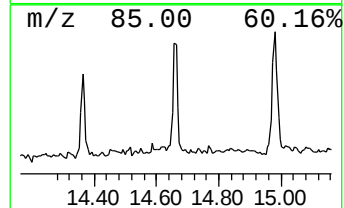
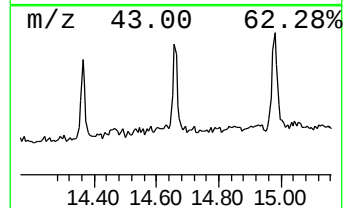
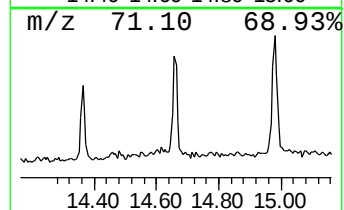
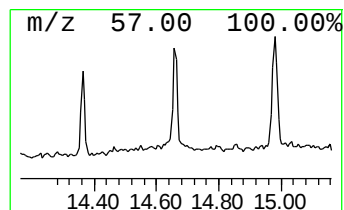
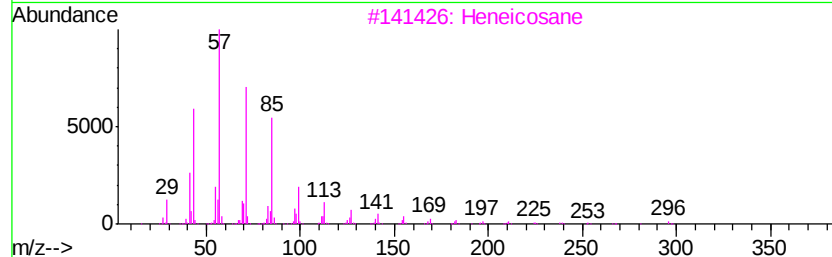
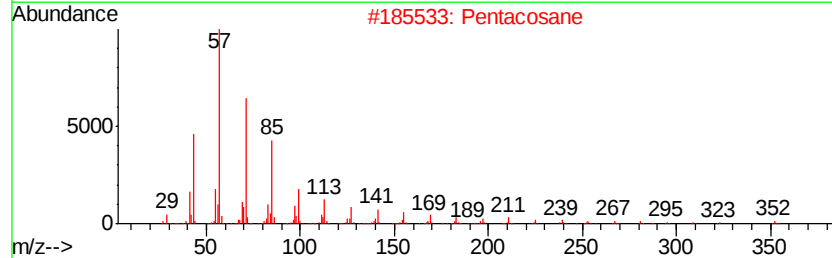
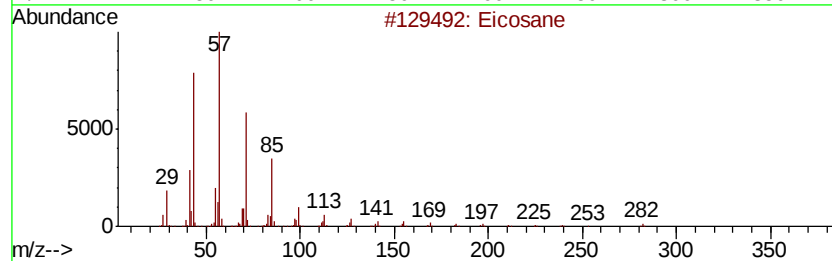
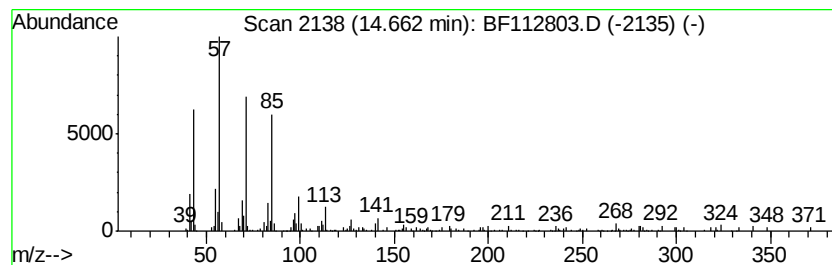
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.56 ng	135822	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Pentacosane		352	C25H52	000629-99-2	89
3	Heneicosane		296	C21H44	000629-94-7	87
4	Heptadecane		240	C17H36	000629-78-7	87
5	Nonadecane		268	C19H40	000629-92-5	83



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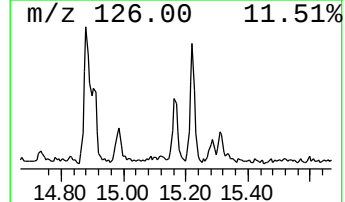
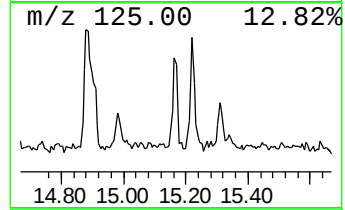
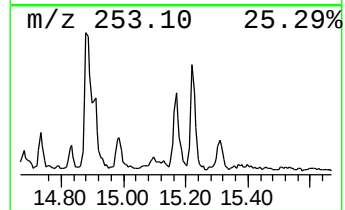
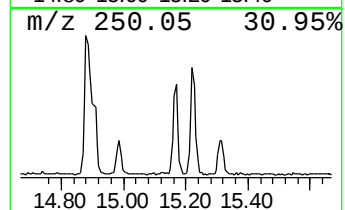
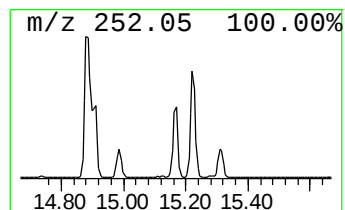
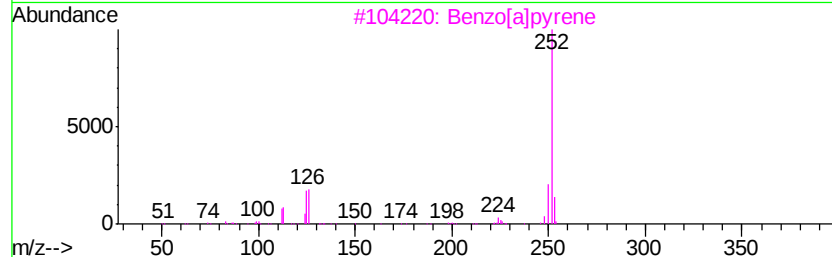
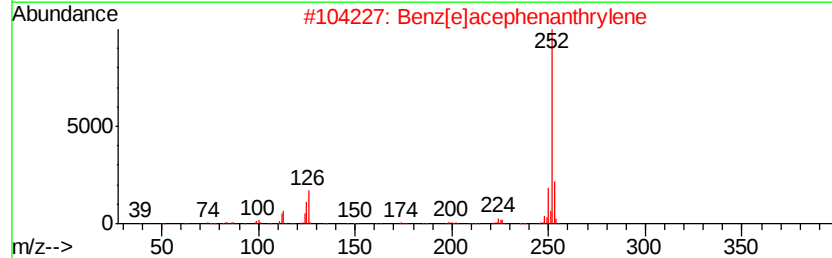
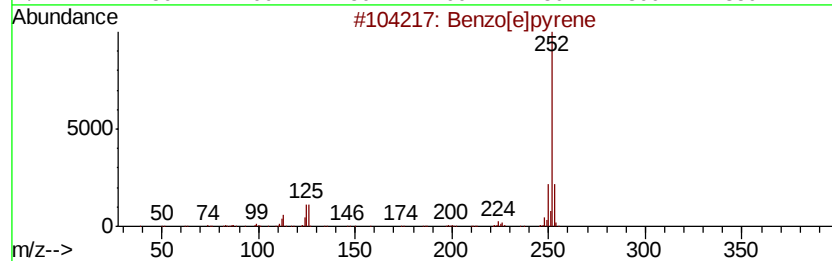
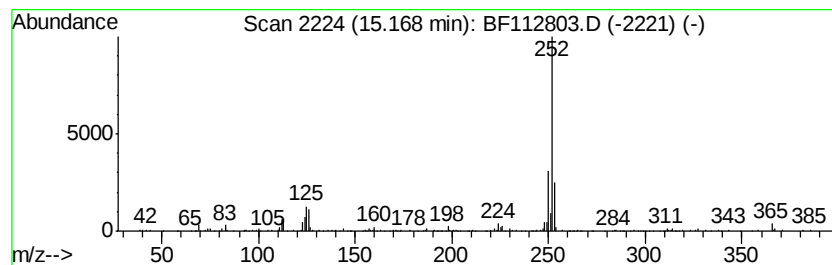
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.37 ng	125548	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112803.D
Acq On : 1 Mar 2019 16:49
Operator : JU/SJ
Sample : K1670-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

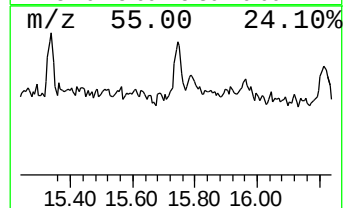
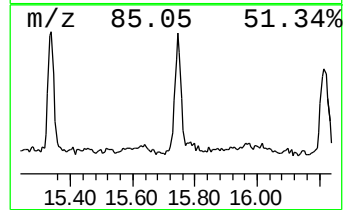
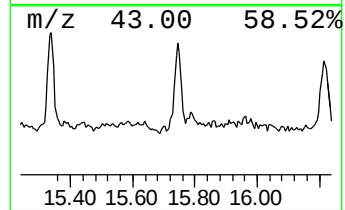
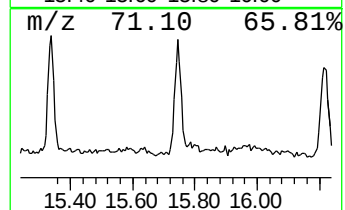
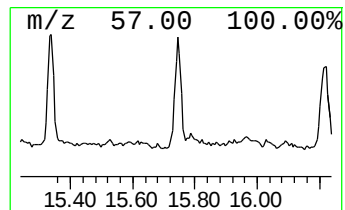
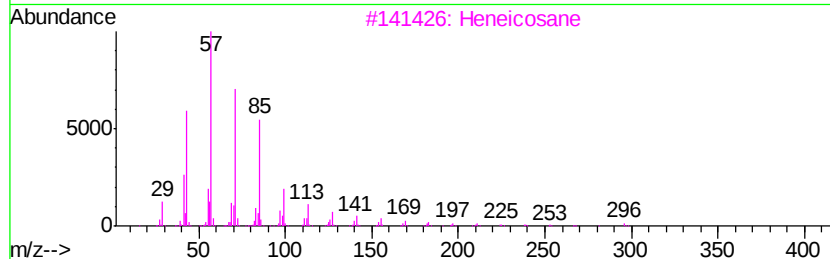
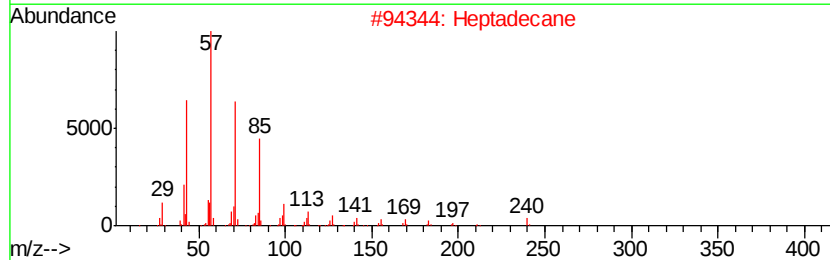
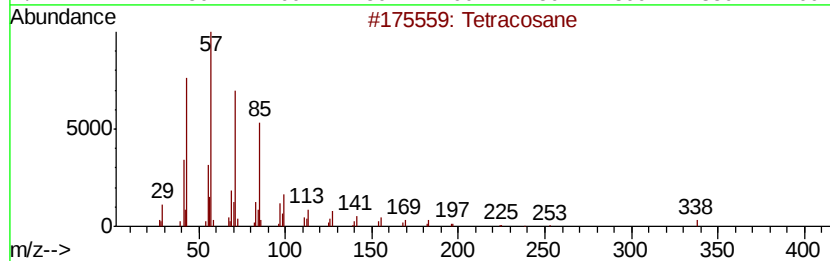
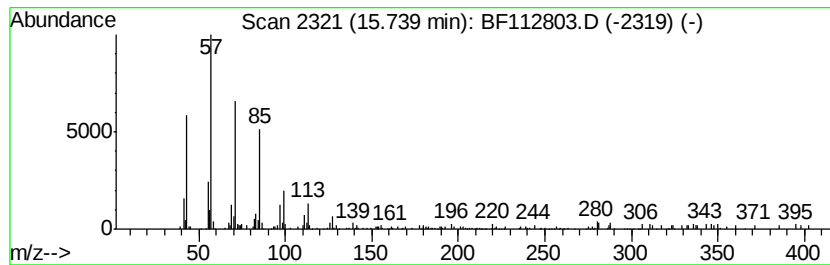
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.49 ng	132015	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	93
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112803.D
Acq On : 1 Mar 2019 16:49
Operator : JU/SJ
Sample : K1670-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

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	37.5	ng	2050910	1	6.75	1094850	20.0
n-Hexadecanoic acid	11.78	3.9	ng	221248	4	11.25	1122930	20.0
1-Heneicosanol	13.73	2.5	ng	195815	5	13.87	1579480	20.0
Eicosane	14.66	2.6	ng	135822	6	15.29	1059290	20.0
Benzo[e]pyrene	15.17	2.4	ng	125548	6	15.29	1059290	20.0
Tetracosane	15.74	2.5	ng	132015	6	15.29	1059290	20.0