LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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-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	551	556	559	rBV	3687419	3584622	94.31%	10.120%
2	6.381	724	730	733	rBV	3445497	3796974	99.90%	10.719%
3	6.510	748	752	756	rBV	3690032	3800926	100.00%	10.731%
4	6.745	788	792	795	rBV	1304258	1096240	28.84%	3.095%
5	6.898	814	818	822	rBV	3022240	2907800	76.50%	8.209%
6	7.304	881	887	890	rBV	2303424	2302630	60.58%	6.501%
7	8.022	1005	1009	1026	rBV	1338709	1343373	35.34%	3.793%
8	9.098	1188	1192	1207	rBV	4012640	3662031	96.35%	10.338%
9	9.492	1255	1259	1265	rBV	192648	190142	5.00%	0.537%
10	9.774	1303	1307	1317	rVB	1296585	1235699	32.51%	3.489%
11	10.557	1435	1440	1455	rBV	1981605	2003151	52.70%	5.655%
12	11.251	1554	1558	1560	rBV	1136957	1044701	27.49%	2.949%
13	11.268	1560	1561	1565	rVV	201674	162540	4.28%	0.459%
14	11.321	1565	1570	1573	rVB2	39154	44659	1.17%	0.126%
15	11.786	1645	1649	1654	rBV2	333328	336539	8.85%	0.950%
16	11.863	1658	1662	1664	rBV	40195	44021	1.16%	0.124%
17	12.457	1759	1763	1767	rBV	318111	310444	8.17%	0.876%
18	12.568	1778	1782	1787	rBV3	119464	142365	3.75%	0.402%
19	12.680	1796	1801	1804	rBV	362335	339149	8.92%	0.957%
20	12.833	1823	1827	1830	rVV	2965320	2772423	72.94%	7.827%
21	12.904	1834	1839	1842	rBV4	32634	49270	1.30%	0.139%
22	13.010	1855	1857	1860	rVB2	44553	38270	1.01%	0.108%
23	13.110	1871	1874	1878	rBV	47811	56791	1.49%	0.160%
24	13.415	1923	1926	1931	rVB2	38405	41594	1.09%	0.117%
25	13.515	1939	1943	1948	rBV	45197	56061	1.47%	0.158%
26	13.621	1957	1961	1964	rBV2	44582	63042	1.66%	0.178%
27	13.733	1975	1980	1987	rVB2	225285	288414	7.59%	0.814%
28	13.874	1999	2004	2007	rBV	1407379	1453953	38.25%	4.105%
29	13.898	2007	2008	2011	rVB	181149	103975	2.74%	0.294%
30	14.057	2033	2035	2038	rVB	78503	70100	1.84%	0.198%
31	14.262	2067	2070	2072	rVB	47229	48493	1.28%	0.137%
32	14.362	2084	2087	2092	rBV2	98465	102933	2.71%	0.291%
33	14.662	2135	2138	2143	rVB	111235	126282	3.32%	0.357%
34	14.880	2172	2175	2179	rBV	141415	228836	6.02%	0.646%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.980	2189	2192	2196	rVB2	131576	138722	3.65%	0.392%
36	15.168	2221	2224	2229	rVB	88137	98437	2.59%	0.278%
37	15.221	2230	2233	2238	rVV	116358	127116	3.34%	0.359%
38	15.286	2239	2244	2248	rVV	759704	976208	25.68%	2.756%
39	15.333	2250	2252	2257	rVB	102792	123988	3.26%	0.350%
40	15.745	2318	2322	2326	rBV	74451	108532	2.86%	0.306%

Sum of corrected areas: 35421446

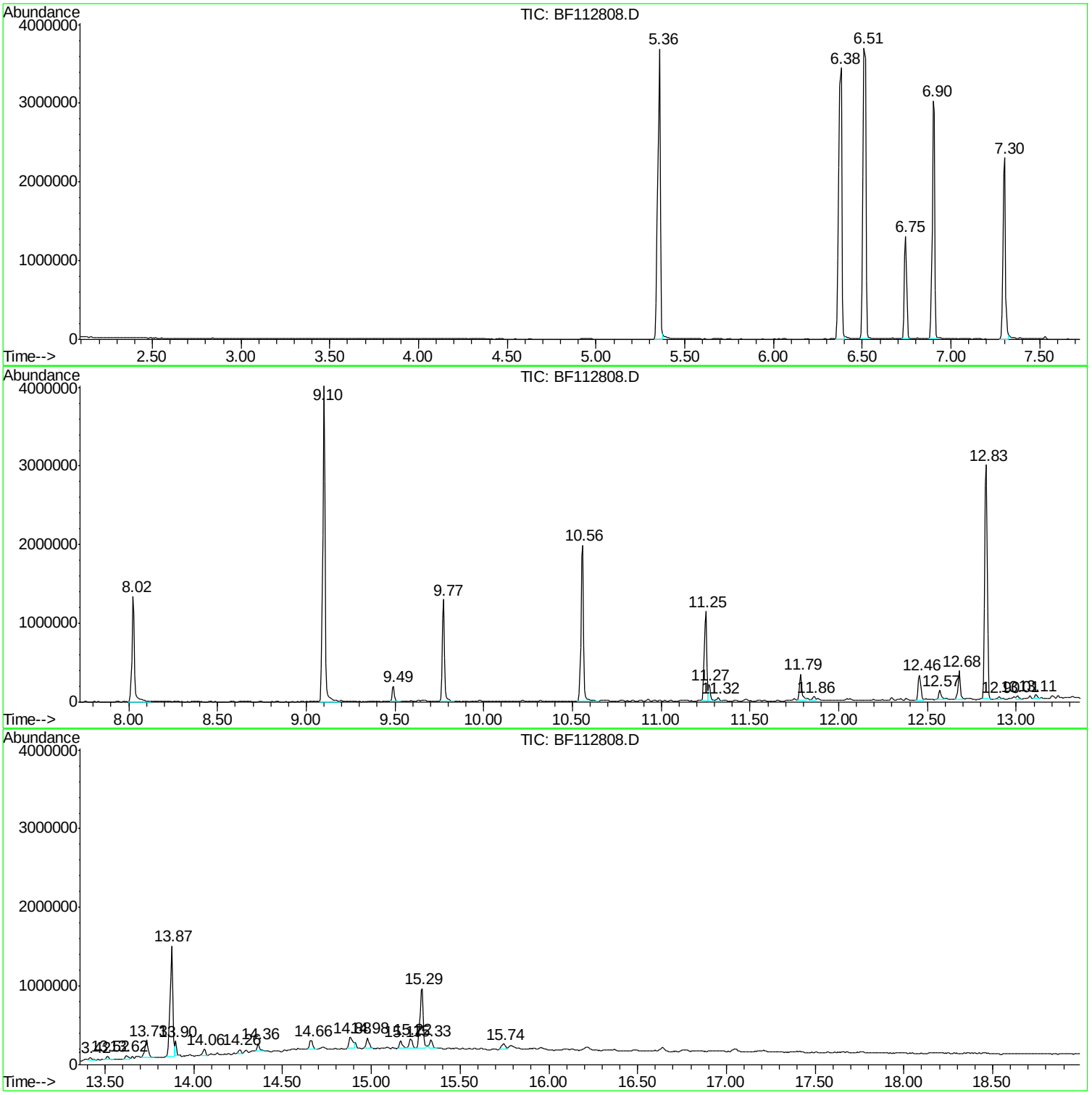
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-1-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

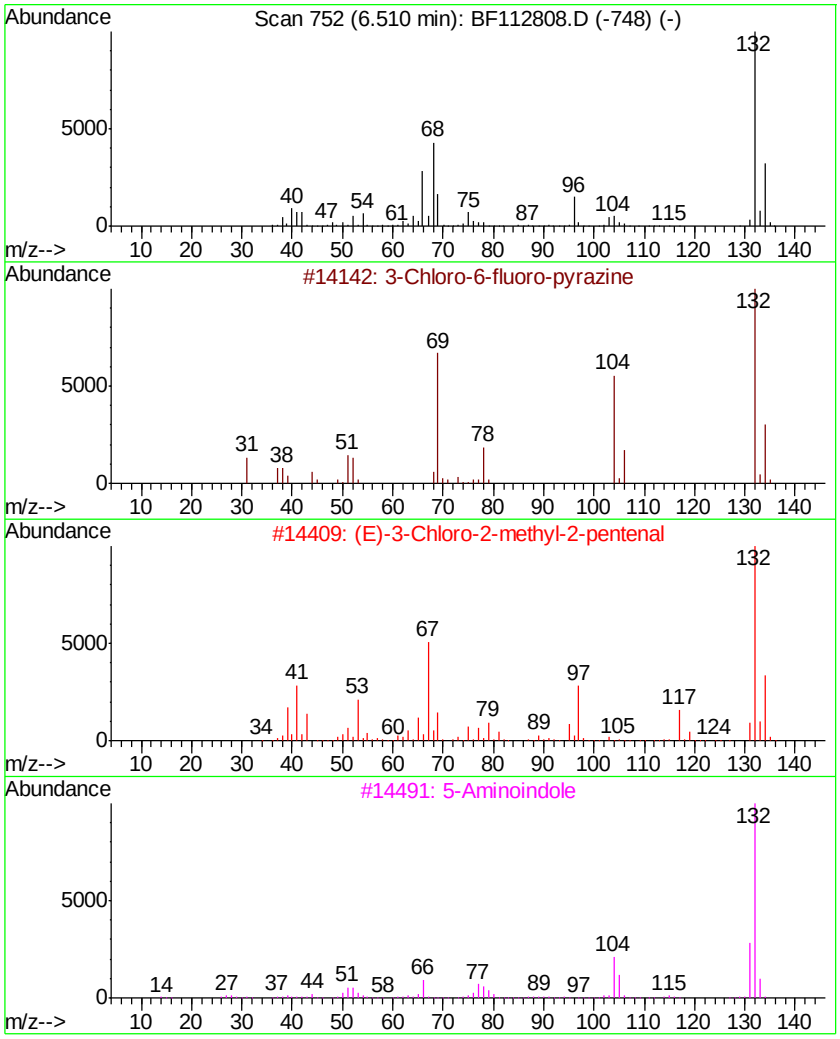
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

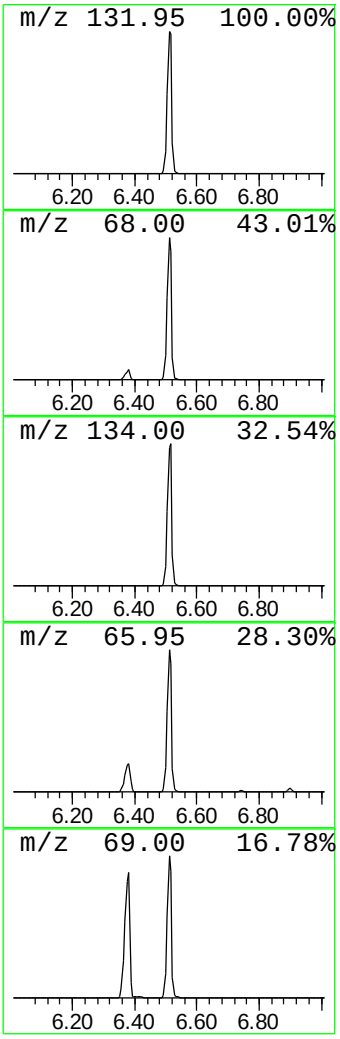
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	69.34 ng	3800930	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

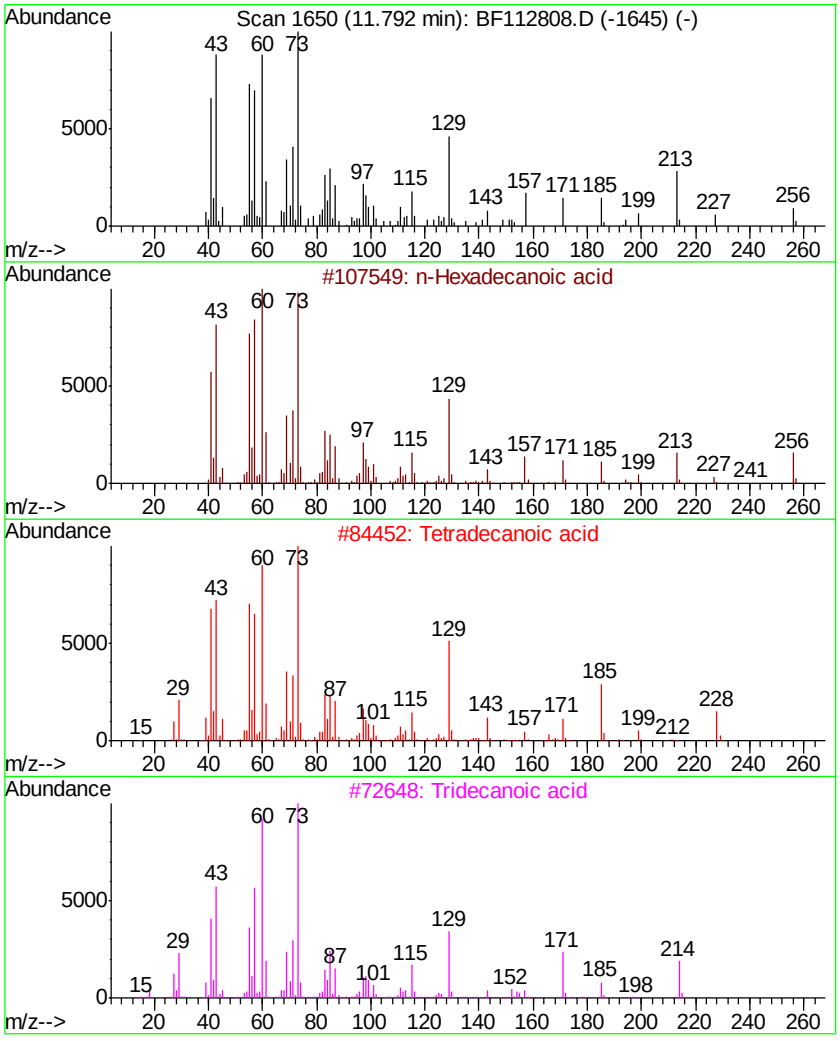
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

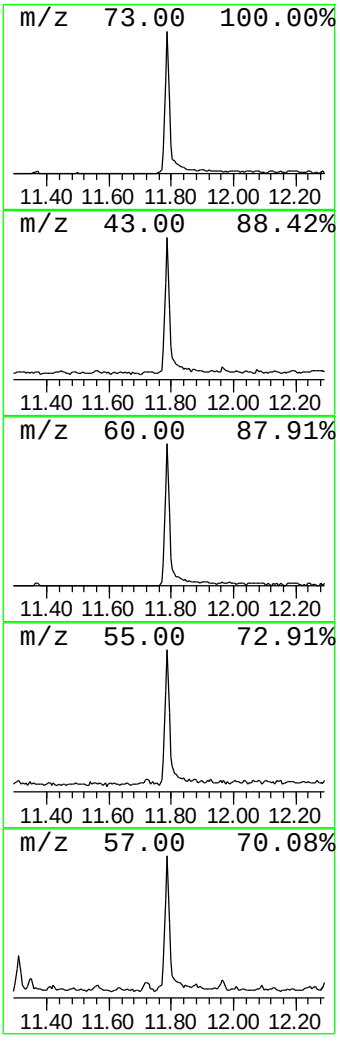
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.44 ng	336539	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

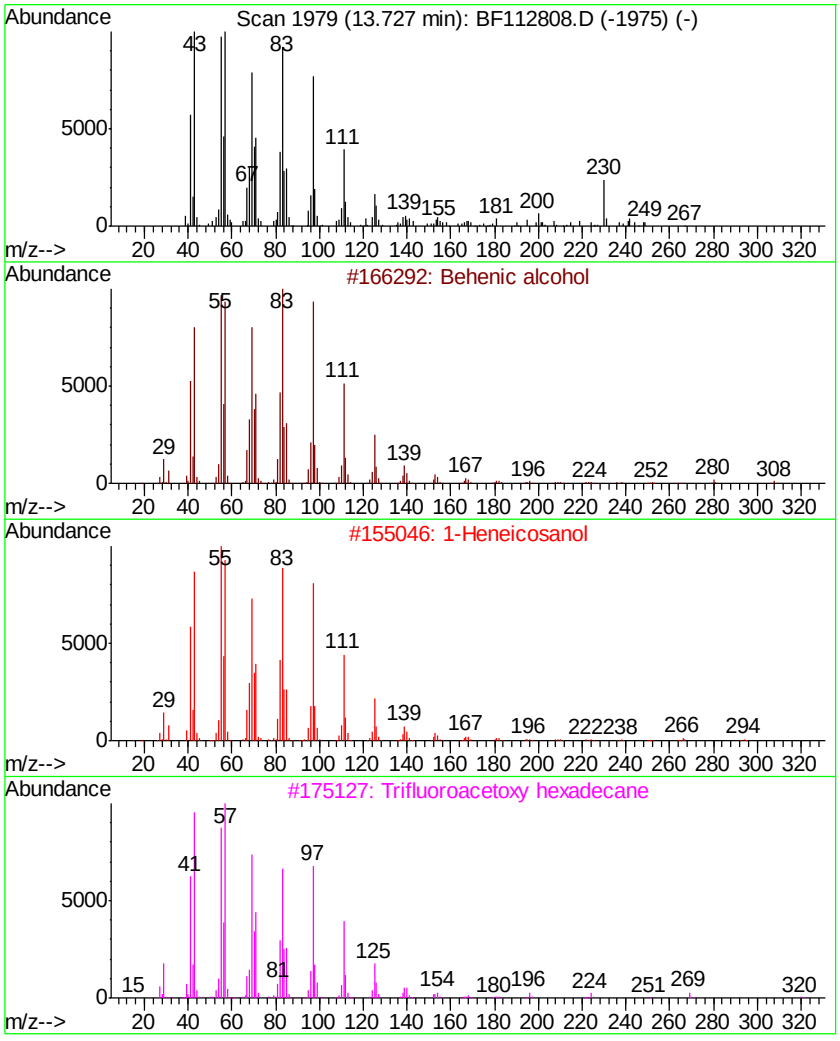
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

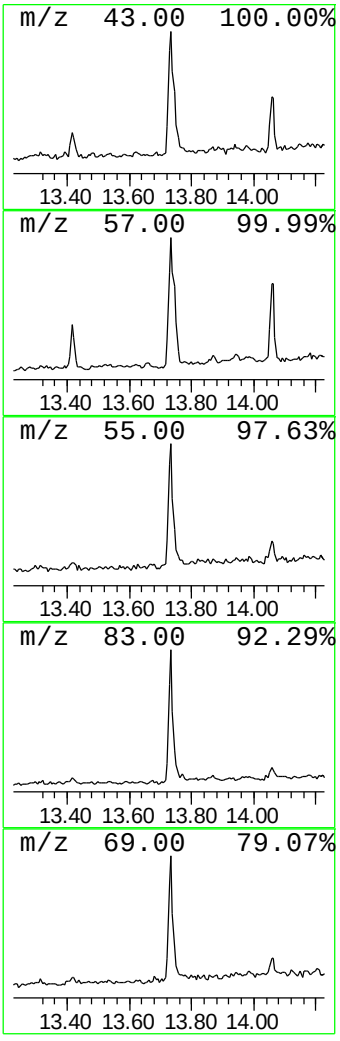
****

Peak Number 4 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.97 ng	288414	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

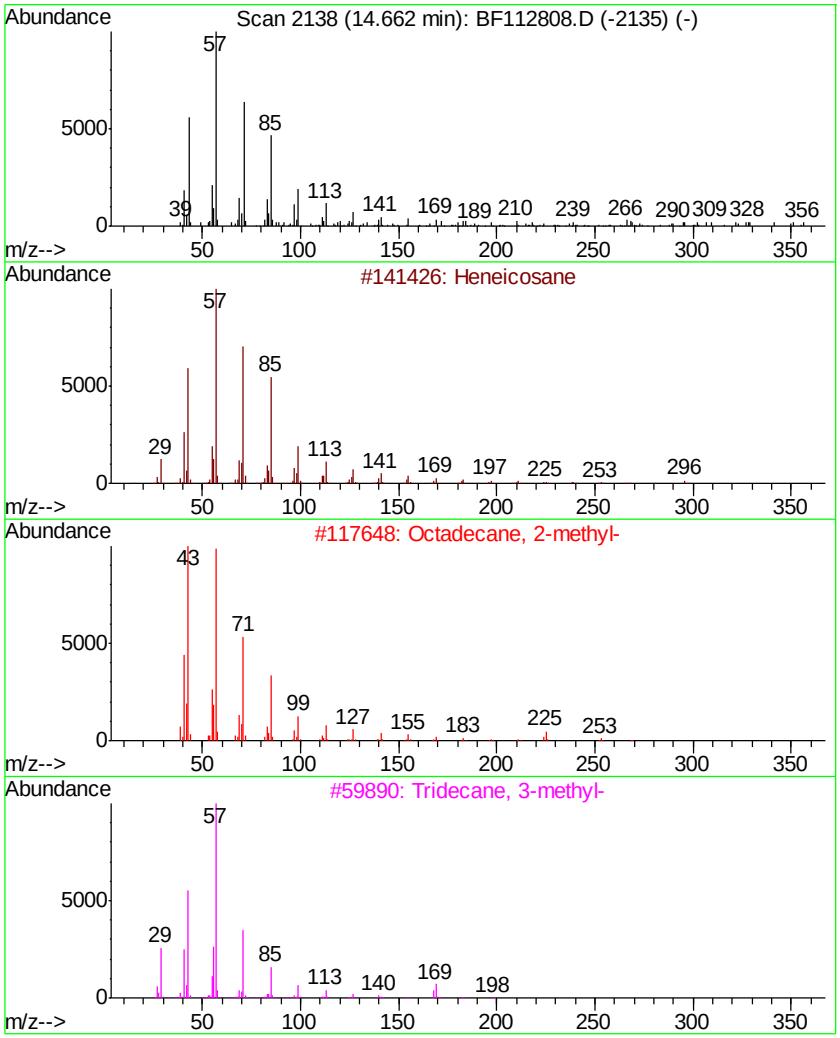
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

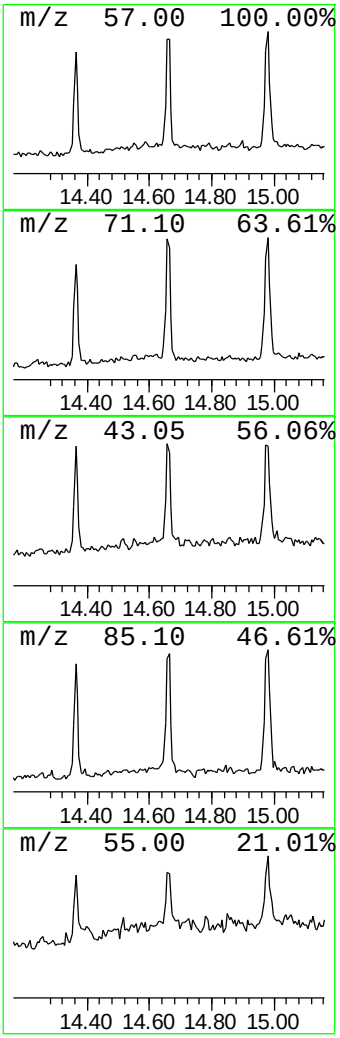
****

Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.59 ng	126282	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4	Triacontane	422	C30H62	000638-68-6	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

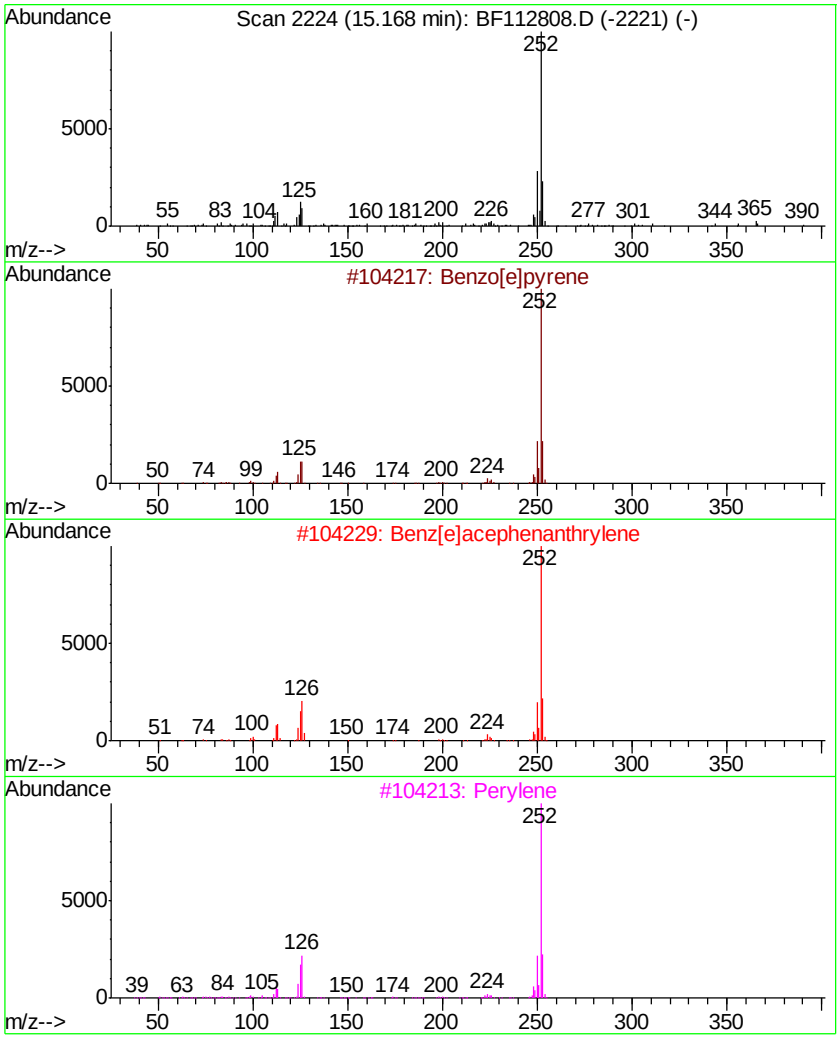
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

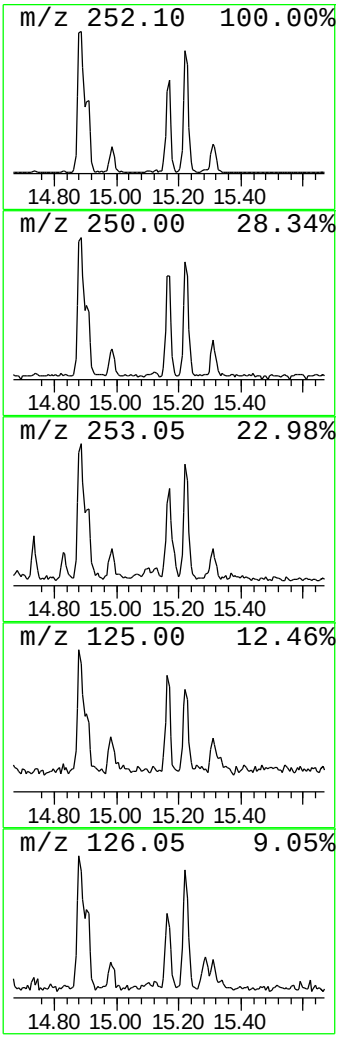
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.02 ng	98437	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

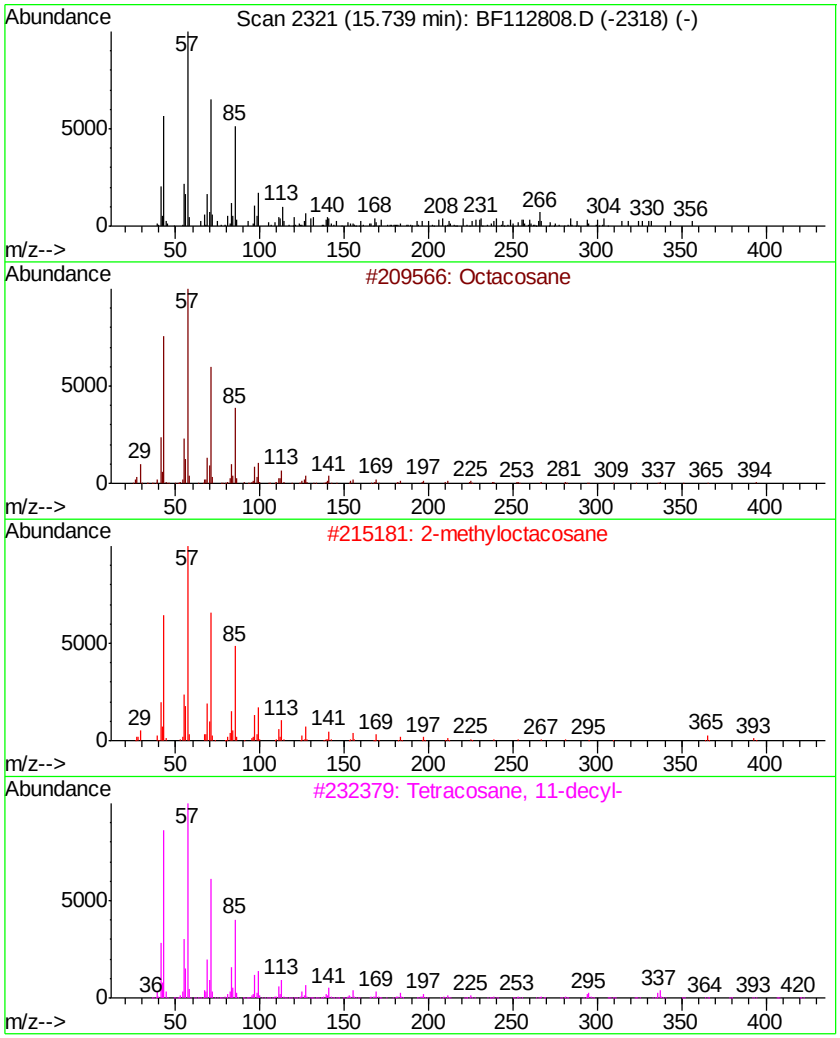
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

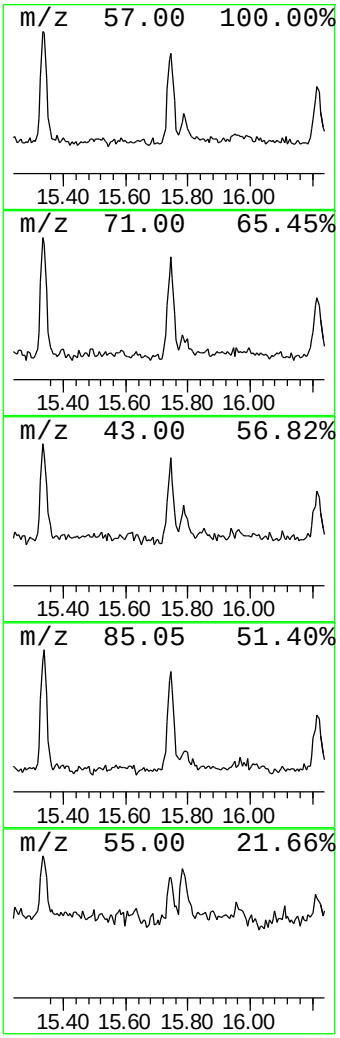
****

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.22 ng	108532	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-1-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	69.3	ng	3800930	1	6.75	1096240	20.0
n-Hexadecanoic acid	11.79	6.4	ng	336539	4	11.25	1044700	20.0
Behenic alcohol	13.73	4.0	ng	288414	5	13.87	1453950	20.0
Heneicosane	14.66	2.6	ng	126282	6	15.29	976208	20.0
Benzo[e]pyrene	15.17	2.0	ng	98437	6	15.29	976208	20.0
Octacosane	15.74	2.2	ng	108532	6	15.29	976208	20.0