LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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-BF061020.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	5.404	560	564	568	rBV	2211468	2252017	55.80%	7.484%
2	6.434	734	739	742	rBV	2353229	2333728	57.83%	7.755%
3	6.792	797	800	804	rBV	756648	683632	16.94%	2.272%
4	6.951	823	827	830	rBV	2598393	2157503	53.46%	7.170%
5	7.357	891	896	899	rBV	1611266	1564307	38.76%	5.199%
6	8.075	1015	1018	1033	rBV	994195	961350	23.82%	3.195%
7	9.157	1197	1202	1205	rBV	3374776	3093118	76.64%	10.279%
8	9.545	1265	1268	1272	rBV	104752	90659	2.25%	0.301%
9	9.833	1313	1317	1320	rBV	1260689	1059022	26.24%	3.519%
10	9.863	1320	1322	1326	rVB	86367	69541	1.72%	0.231%
11	10.622	1447	1451	1462	rBV	2187698	2122295	52.59%	7.053%
12	11.316	1566	1569	1572	rBV	1212164	1162670	28.81%	3.864%
13	11.339	1572	1573	1577	rVV	566098	404864	10.03%	1.345%
14	11.392	1579	1582	1586	rVB	118625	98516	2.44%	0.327%
15	11.551	1606	1609	1617	rVB	59659	51086	1.27%	0.170%
16	11.845	1657	1659	1663	rVB	59730	49134	1.22%	0.163%
17	11.933	1670	1674	1676	rBV	81561	77329	1.92%	0.257%
18	12.533	1772	1776	1779	rBV	769646	717012	17.77%	2.383%
19	12.757	1807	1814	1818	rBV	676323	746485	18.50%	2.481%
20	12.910	1835	1840	1843	rVB	4210389	4035744	100.00%	13.412%
21	12.980	1847	1852	1855	rBV2	31537	50275	1.25%	0.167%
22	13.086	1868	1870	1874	rVB	91490	83710	2.07%	0.278%
23	13.157	1880	1882	1884	rVB2	65795	52119	1.29%	0.173%
24	13.192	1884	1888	1890	rBV	47834	44773	1.11%	0.149%
25	13.480	1932	1937	1941	rBV6	27446	43854	1.09%	0.146%
26	13.598	1954	1957	1961	rVB	52054	49392	1.22%	0.164%
27	13.710	1970	1976	1978	rBV2	52820	65257	1.62%	0.217%
28	13.804	1989	1992	2003	rBV	391960	566884	14.05%	1.884%
29	13.957	2011	2018	2021	rBV2	1264016	1531920	37.96%	5.091%
30	13.986	2021	2023	2026	rVB	282894	222514	5.51%	0.739%
31	14.063	2031	2036	2039	rBV	76143	71309	1.77%	0.237%
32	14.345	2080	2084	2087	rBV	54916	49253	1.22%	0.164%
33	14.433	2094	2099	2103	rBV3	82189	136954	3.39%	0.455%
34	14.733	2146	2150	2153	rBV	55145	50063	1.24%	0.166%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.874	2169	2174	2177	rBV	63178	83837	2.08%	0.279%
36	14.986	2189	2193	2196	rBV	317890	434058	10.76%	1.442%
37	15.063	2202	2206	2209	rBV	116456	131101	3.25%	0.436%
38	15.092	2209	2211	2215	rVV	60783	63706	1.58%	0.212%
39	15.280	2238	2243	2249	rVB	170675	203676	5.05%	0.677%
40	15.339	2249	2253	2259	rVB	234489	276587	6.85%	0.919%
41	15.404	2259	2264	2268	rBV2	875383	1141623	28.29%	3.794%
42	15.433	2268	2269	2274	rVB	103978	82296	2.04%	0.273%
43	15.621	2296	2301	2306	rVB4	25304	44875	1.11%	0.149%
44	15.710	2314	2316	2332	rVB4	20936	52285	1.30%	0.174%
45	15.851	2336	2340	2347	rVB	94364	139916	3.47%	0.465%
46	15.921	2347	2352	2354	rBV4	50706	89272	2.21%	0.297%
47	16.345	2419	2424	2429	rBV3	33842	56288	1.39%	0.187%
48	16.633	2468	2473	2478	rBV4	21300	44775	1.11%	0.149%
49	16.821	2500	2505	2514	rVB2	114519	209751	5.20%	0.697%
50	16.909	2516	2520	2528	rVB5	32655	75647	1.87%	0.251%
51	16.998	2530	2535	2538	rBV2	22387	43739	1.08%	0.145%
52	17.251	2572	2578	2589	rVB	81950	169580	4.20%	0.564%

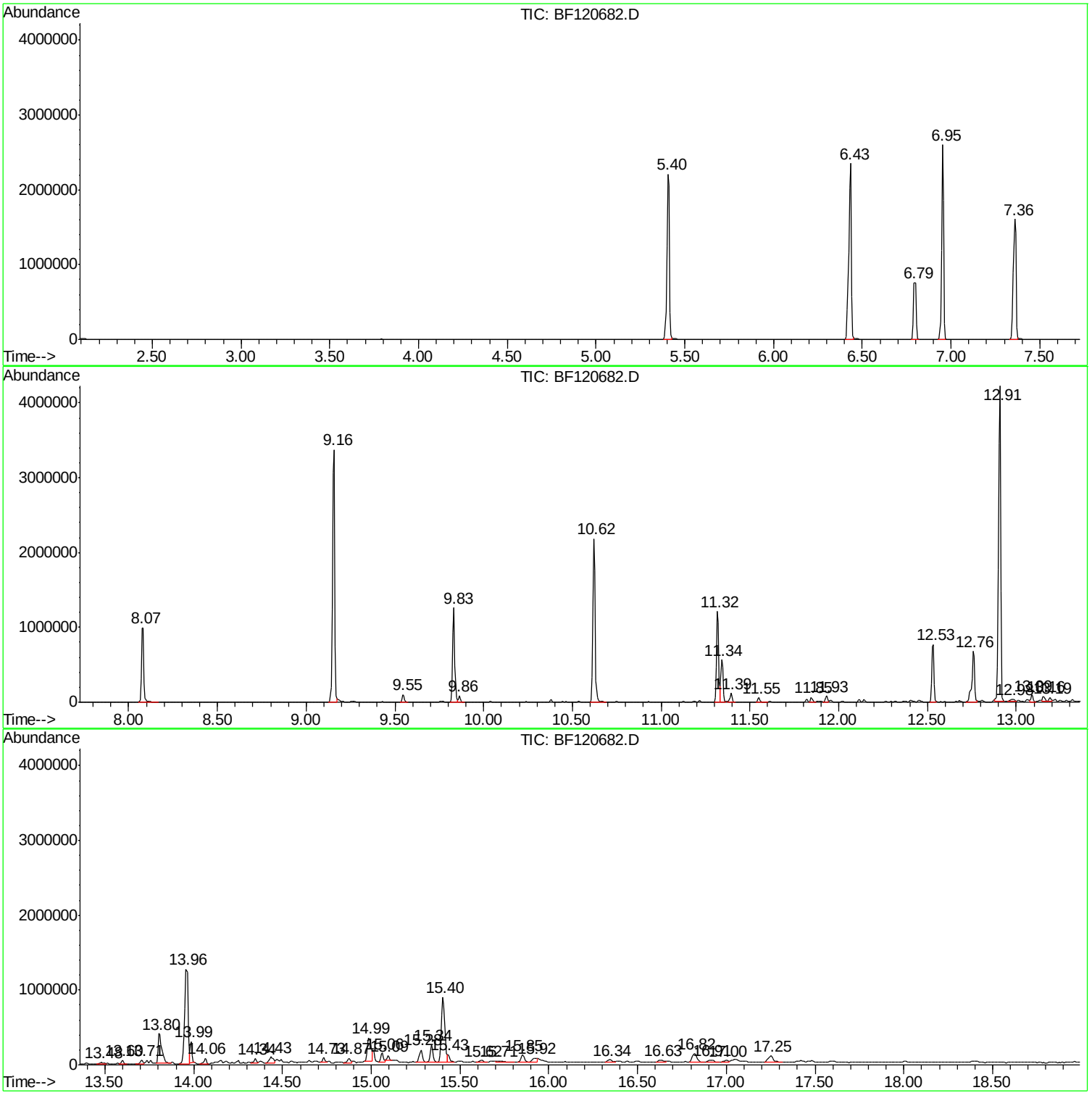
Sum of corrected areas: 30091301

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

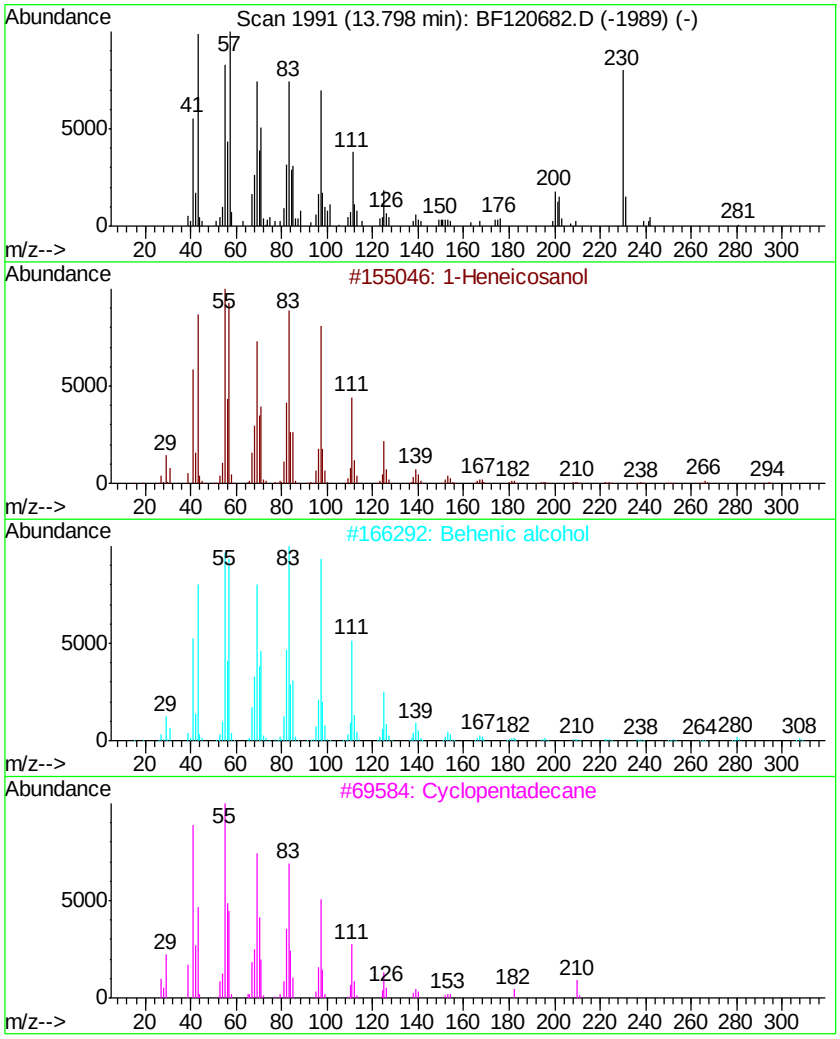
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

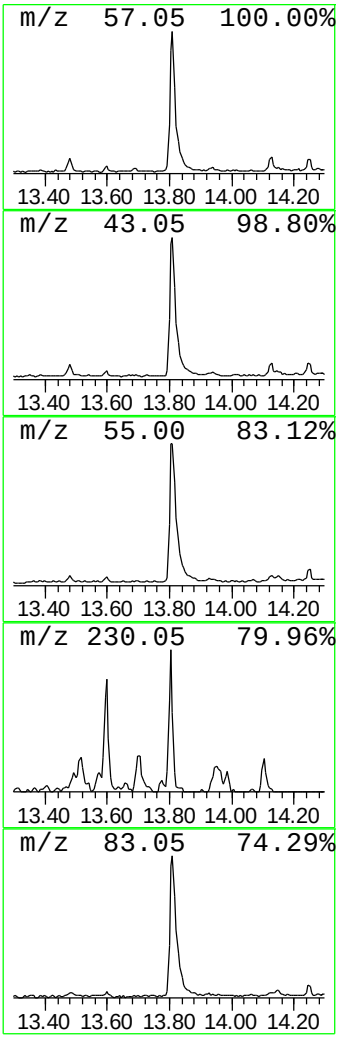
****

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	7.40 ng	566884	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

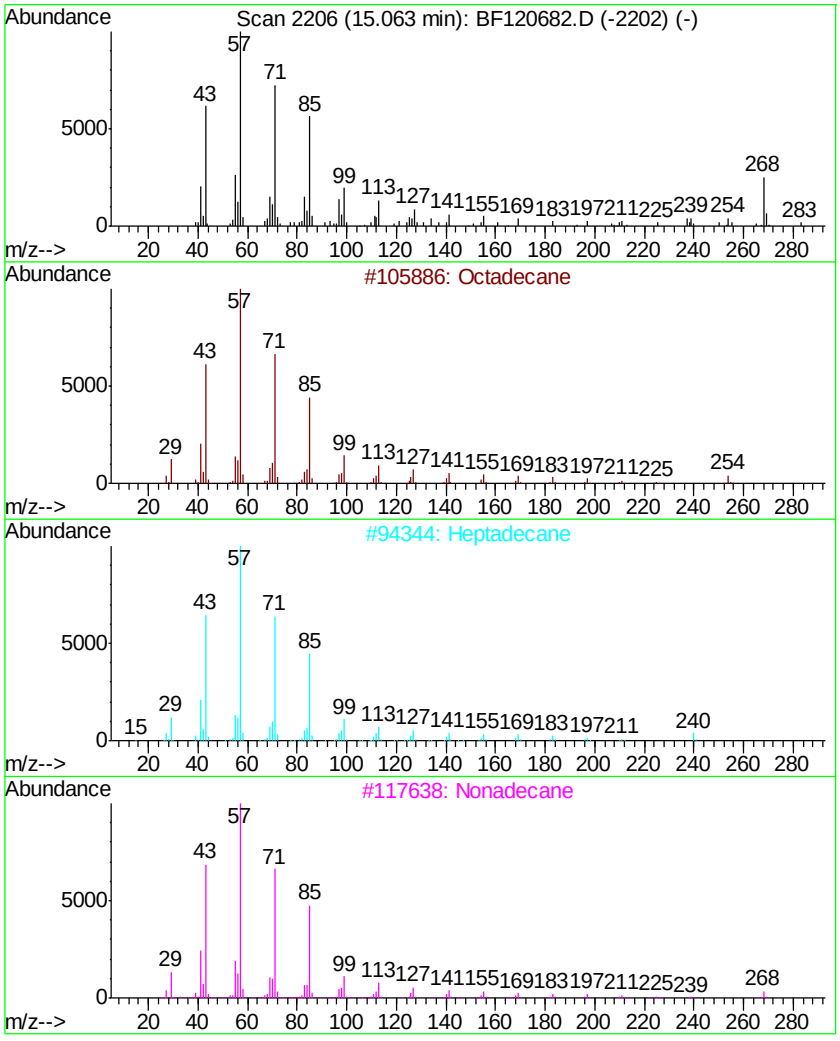
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

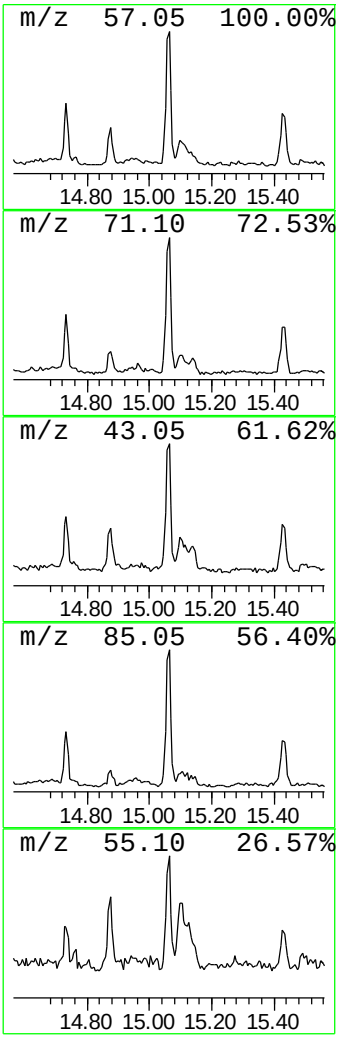
****

Peak Number 3 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.30 ng	131101	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexacosane	366	C26H54	000630-01-3	81
5	Octacosane	394	C28H58	000630-02-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

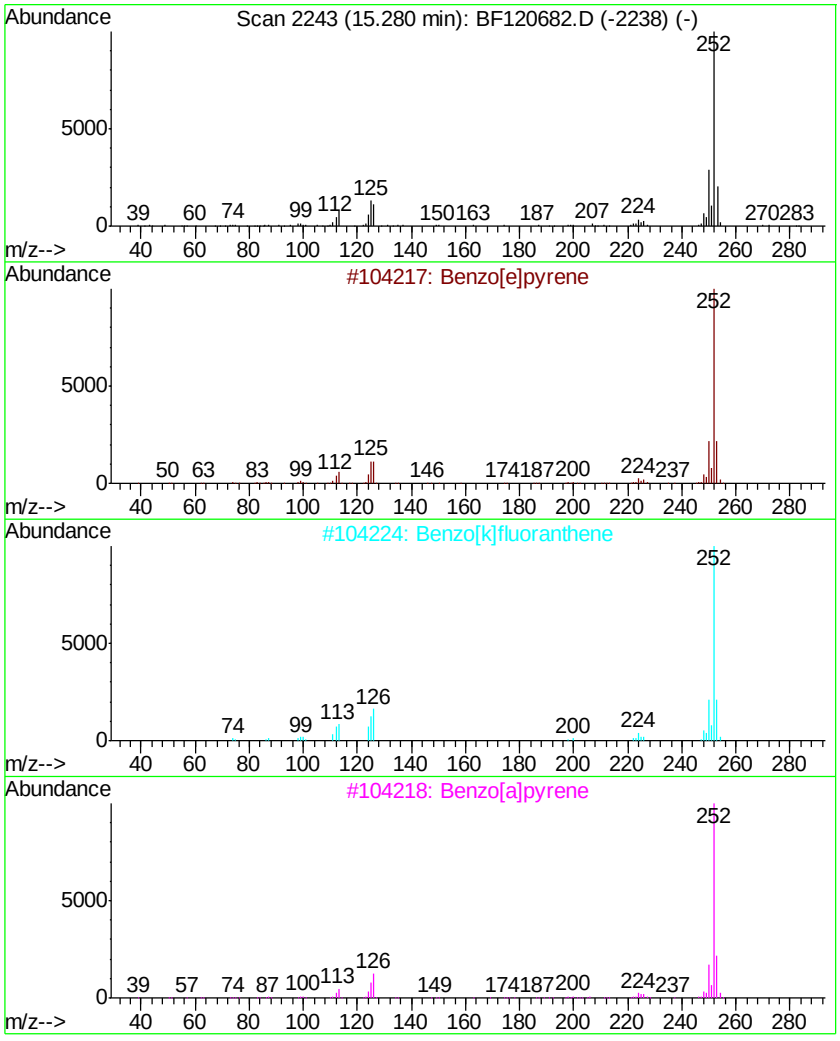
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

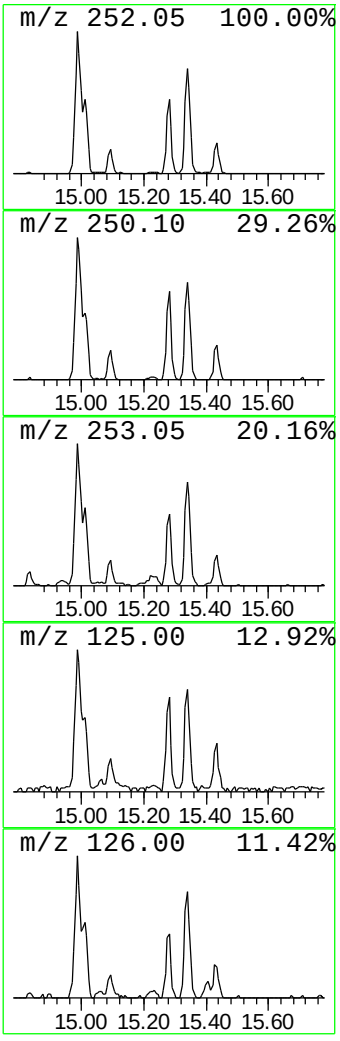
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	3.57 ng	203676	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

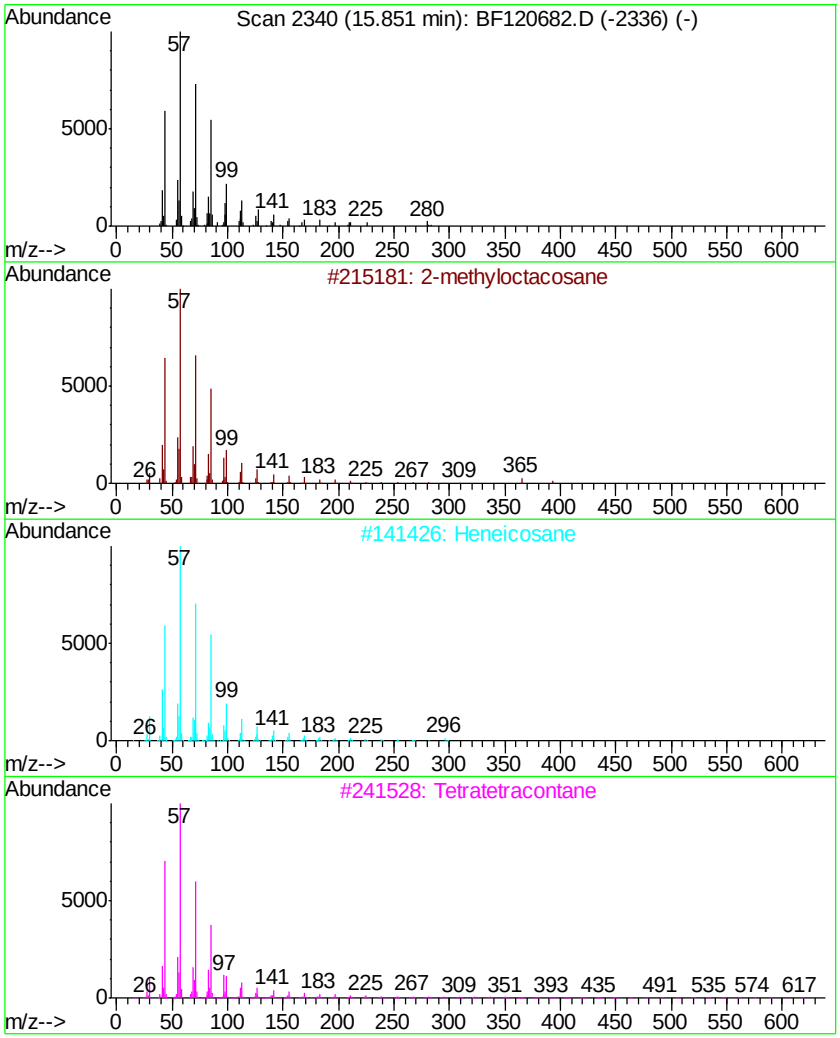
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

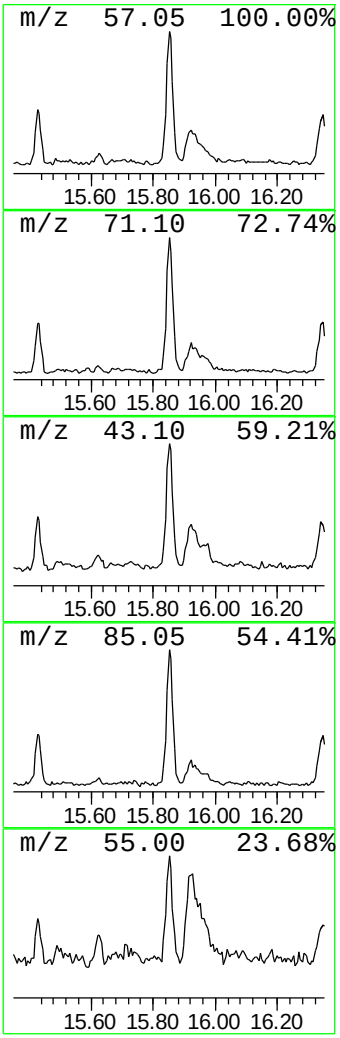
****

Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.45 ng	139916	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
Data File : BF120682.D
Acq On : 22 Jun 2020 18:05
Operator : JU/CG
Sample : L3082-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
1-Heneicosanol	13.80	7.4	ng	566884	5	13.96	1531920	20.0
Octadecane	15.06	2.3	ng	131101	6	15.40	1141620	20.0
Benzo[e]pyrene	15.28	3.6	ng	203676	6	15.40	1141620	20.0
2-methyloctacosane	15.85	2.5	ng	139916	6	15.40	1141620	20.0