LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

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-BF083019.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	5.439	566	570	588	rBV	1373925	1394522	87.02%	8.729%
2	6.457	738	743	746	rBV	1572221	1446255	90.25%	9.053%
3	6.592	762	766	770	rBV	1597645	1523349	95.06%	9.536%
4	6.822	802	805	815	rBV	419442	374465	23.37%	2.344%
5	6.981	828	832	842	rBV	1347435	1115206	69.59%	6.981%
6	7.381	896	900	912	rBV	887492	908603	56.70%	5.687%
7	8.104	1019	1023	1036	rBV	484967	490432	30.60%	3.070%
8	9.175	1201	1205	1216	rBV	1893881	1602497	100.00%	10.031%
9	9.563	1268	1271	1280	rVB	246414	243447	15.19%	1.524%
10	9.851	1316	1320	1324	rBV	612100	536371	33.47%	3.357%
11	9.886	1324	1326	1331	rVB	45262	41965	2.62%	0.263%
12	10.398	1410	1413	1419	rBV	31366	30173	1.88%	0.189%
13	10.639	1450	1454	1465	rBV	945564	902899	56.34%	5.652%
14	11.333	1568	1572	1574	rBV	529246	462884	28.89%	2.897%
15	11.357	1574	1576	1582	rVV	240422	216313	13.50%	1.354%
16	11.410	1582	1585	1589	rVB	59022	57387	3.58%	0.359%
17	11.569	1605	1612	1614	rBV2	16655	24724	1.54%	0.155%
18	11.857	1659	1661	1668	rVB2	89976	86682	5.41%	0.543%
19	11.945	1673	1676	1686	rVB2	44949	61046	3.81%	0.382%
20	12.545	1774	1778	1784	rBV	411399	371703	23.20%	2.327%
21	12.645	1792	1795	1799	rBV4	26736	34244	2.14%	0.214%
22	12.774	1811	1817	1822	rBV	310726	364886	22.77%	2.284%
23	12.915	1832	1841	1844	rBV	1202887	1154609	72.05%	7.227%
24	13.098	1870	1872	1876	rVB	39636	35751	2.23%	0.224%
25	13.168	1881	1884	1887	rVB	32725	29236	1.82%	0.183%
26	13.715	1974	1977	1979	rBV2	22657	18755	1.17%	0.117%
27	13.768	1984	1986	1991	rBV3	15541	20146	1.26%	0.126%
28	13.815	1991	1994	1995	rBV2	23603	21602	1.35%	0.135%
29	13.968	2013	2020	2022	rBV2	442335	574818	35.87%	3.598%
30	13.992	2022	2024	2031	rVB	142173	131076	8.18%	0.820%
31	14.074	2034	2038	2041	rVB	40856	39041	2.44%	0.244%
32	14.127	2042	2047	2051	rBV4	27377	35053	2.19%	0.219%
33	14.192	2054	2058	2061	rVB2	15362	19691	1.23%	0.123%
34	14.351	2081	2085	2089	rBV3	17315	26679	1.66%	0.167%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.433	2094	2099	2103	rBV3	46543	61689	3.85%	0.386%
36	14.498	2108	2110	2113	rVB3	21173	22665	1.41%	0.142%
37	14.662	2133	2138	2139	rBV5	13932	22699	1.42%	0.142%
38	14.733	2146	2150	2154	rVB	57502	58469	3.65%	0.366%
39	14.992	2190	2194	2197	rBV	125917	179310	11.19%	1.122%
40	15.062	2202	2206	2210	rVV2	70028	81713	5.10%	0.511%
41	15.098	2210	2212	2216	rVB	20986	27101	1.69%	0.170%
42	15.292	2241	2245	2250	rVB	75069	98802	6.17%	0.618%
43	15.351	2250	2255	2260	rVV2	110849	139037	8.68%	0.870%
44	15.409	2260	2265	2277	rVB	314313	544088	33.95%	3.406%
45	15.627	2297	2302	2306	rBV8	12015	25048	1.56%	0.157%
46	15.851	2336	2340	2345	rBV2	46845	71206	4.44%	0.446%
47	16.104	2379	2383	2386	rVB6	19814	30653	1.91%	0.192%
48	16.339	2420	2423	2430	rVB6	21888	35872	2.24%	0.225%
49	16.845	2503	2509	2515	rVB2	39518	80184	5.00%	0.502%
50	16.921	2518	2522	2527	rVB7	14455	27035	1.69%	0.169%
51	17.274	2576	2582	2589	rBV2	31268	73380	4.58%	0.459%

Sum of corrected areas: 15975461

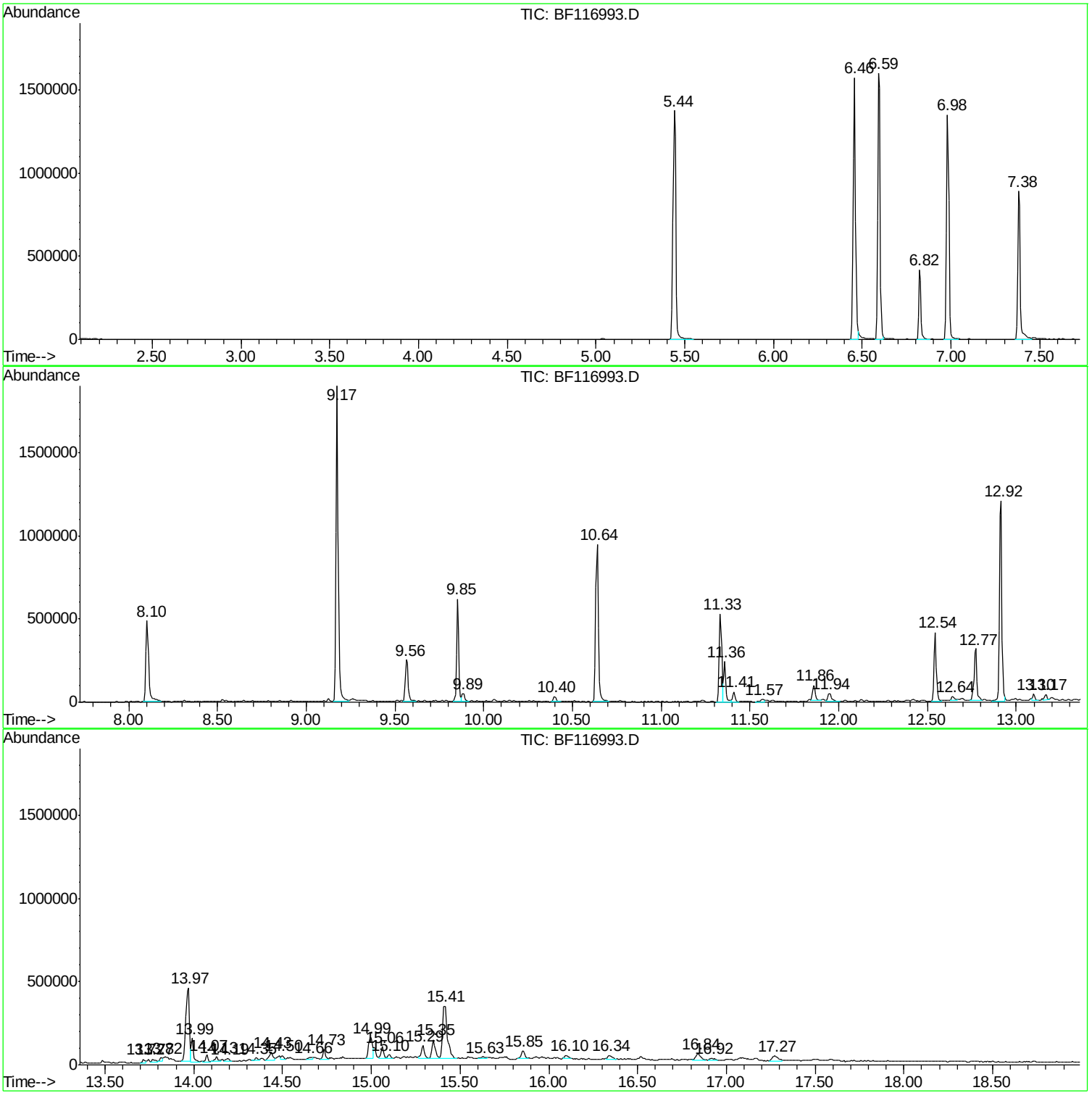
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

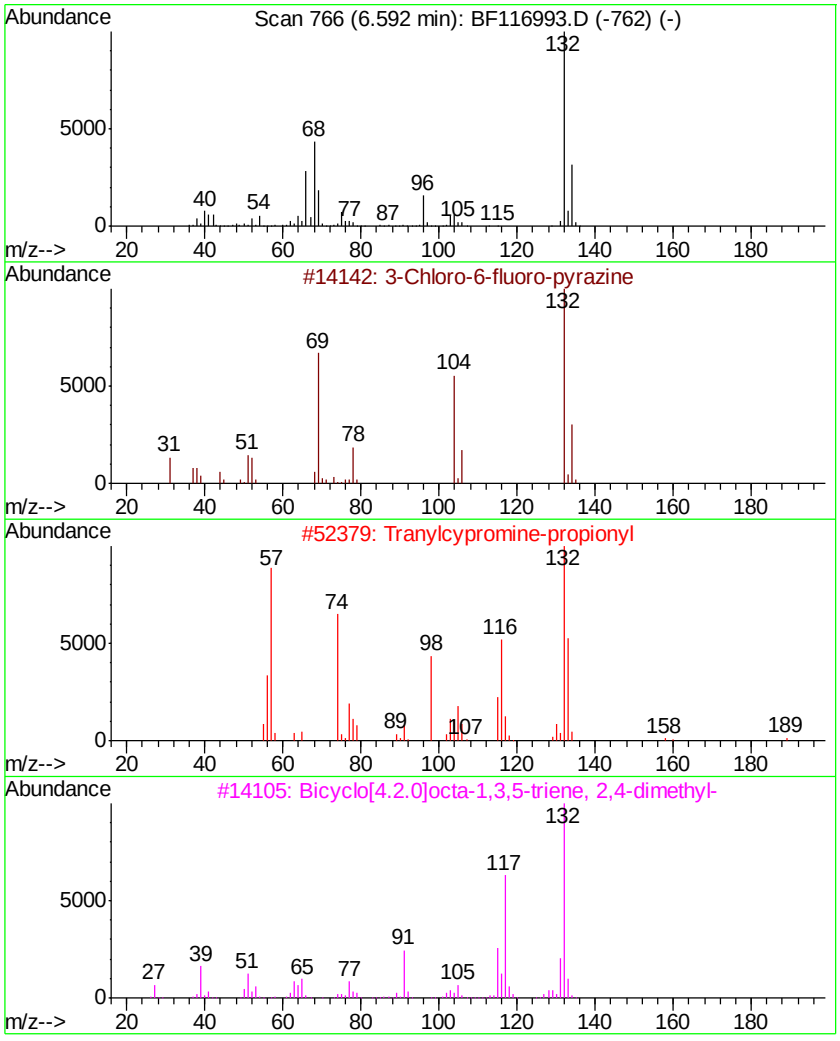
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

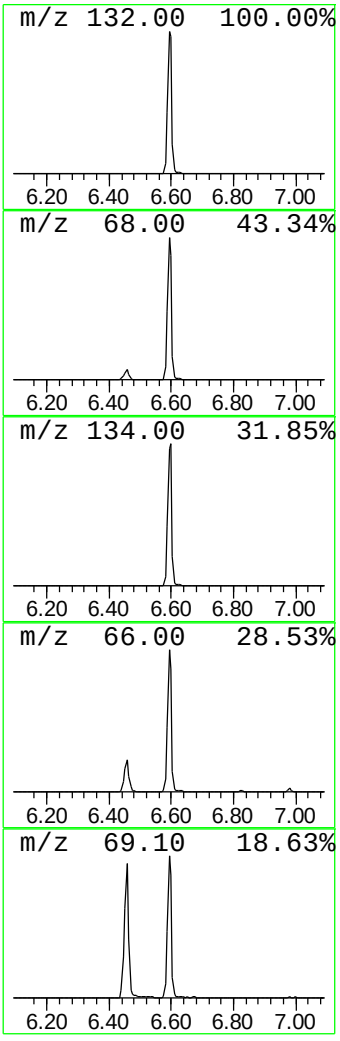
****

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	81.36 ng	1523350	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

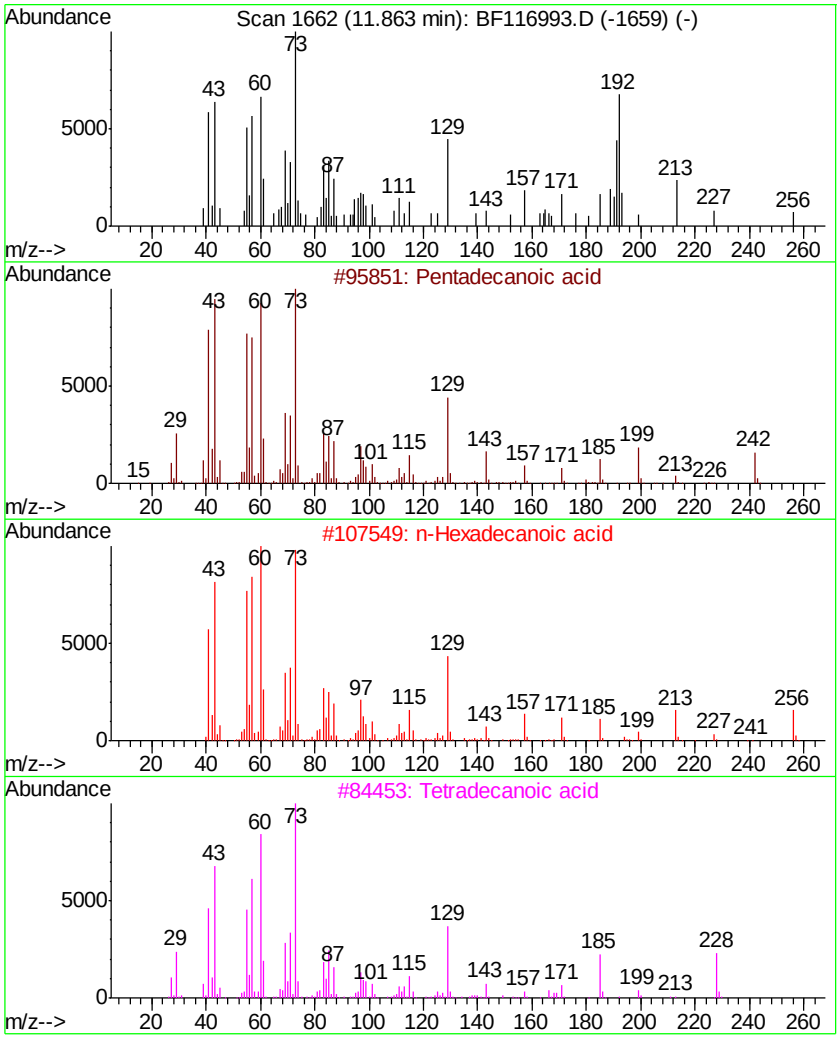
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

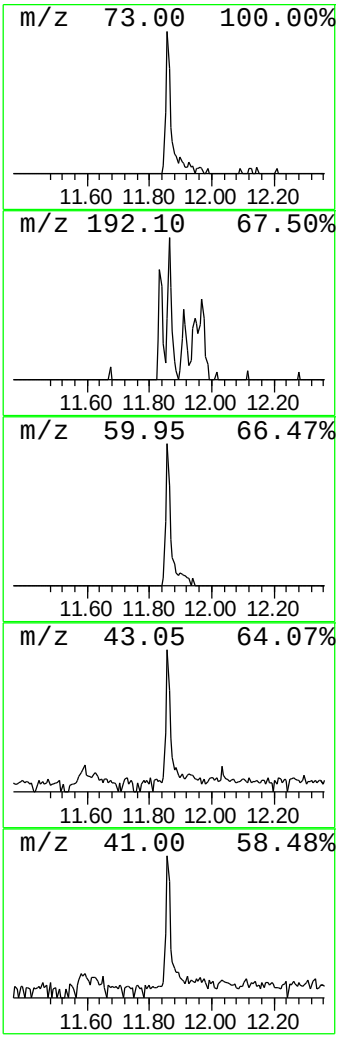
****

Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.75 ng	86682	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	18
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

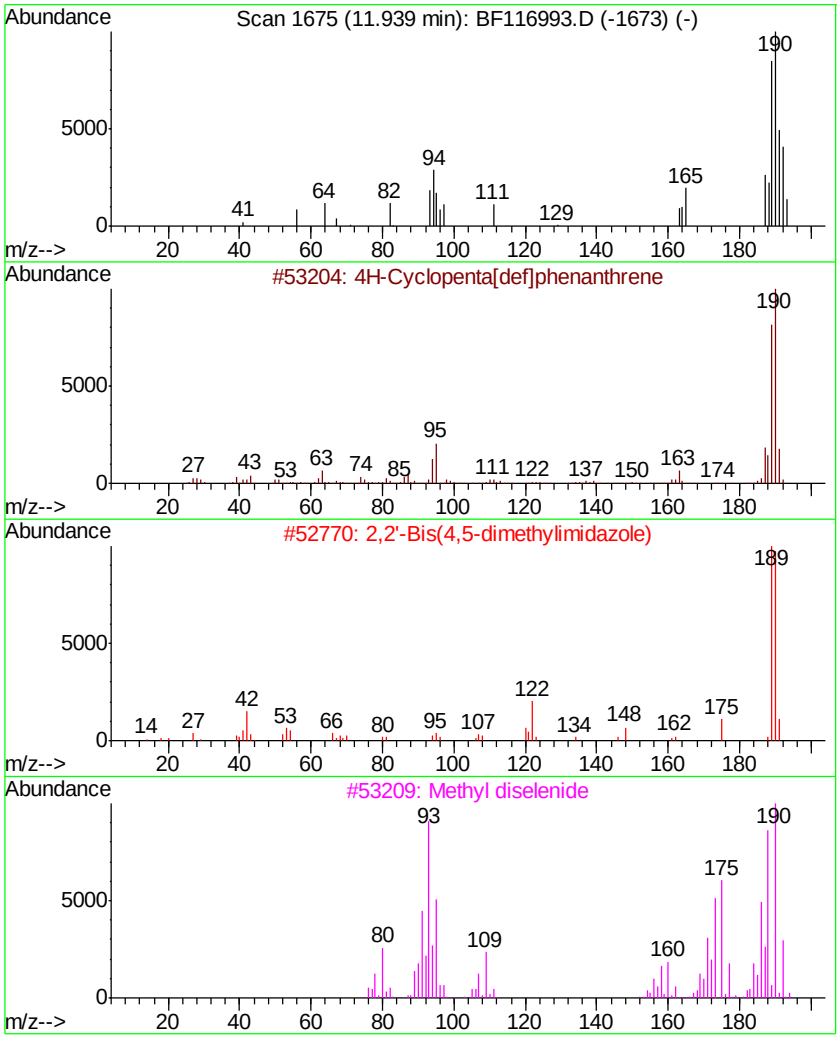
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

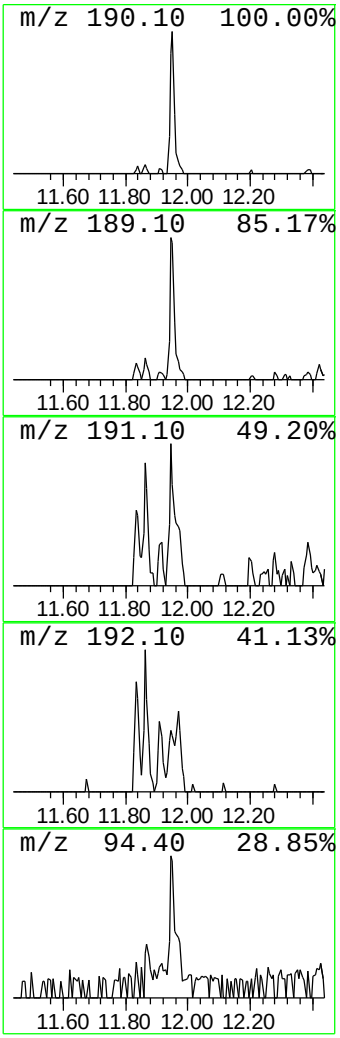
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.64 ng	61046	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

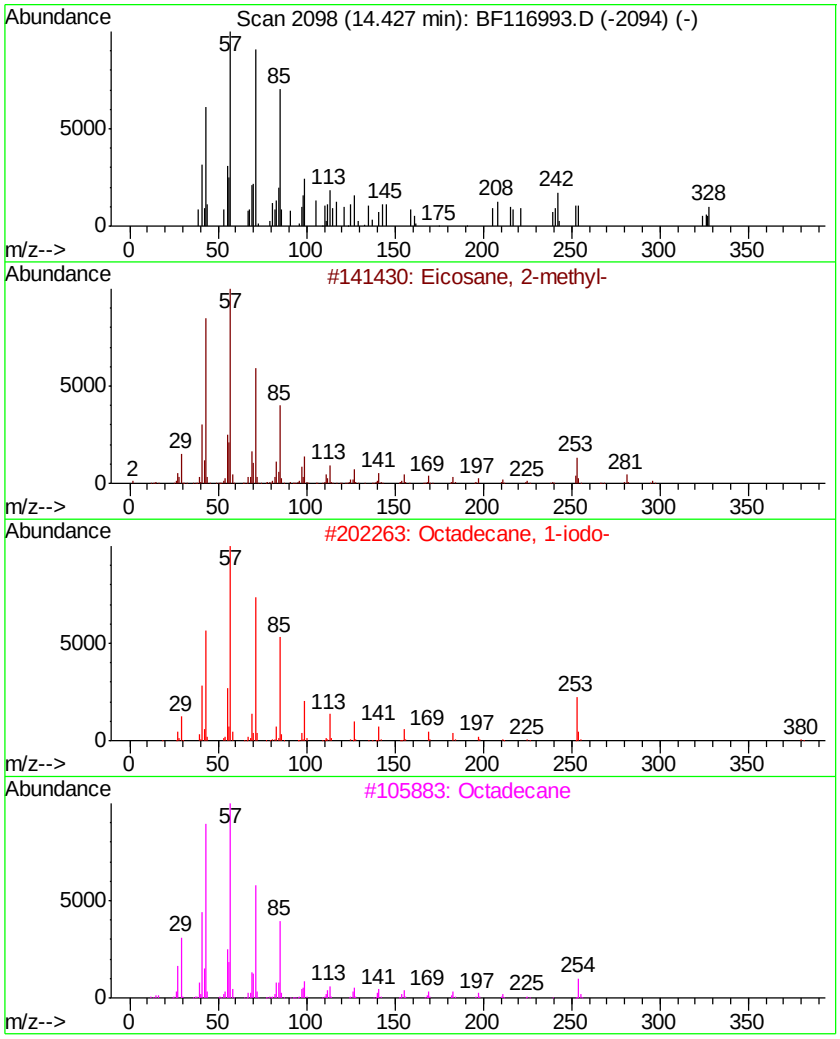
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

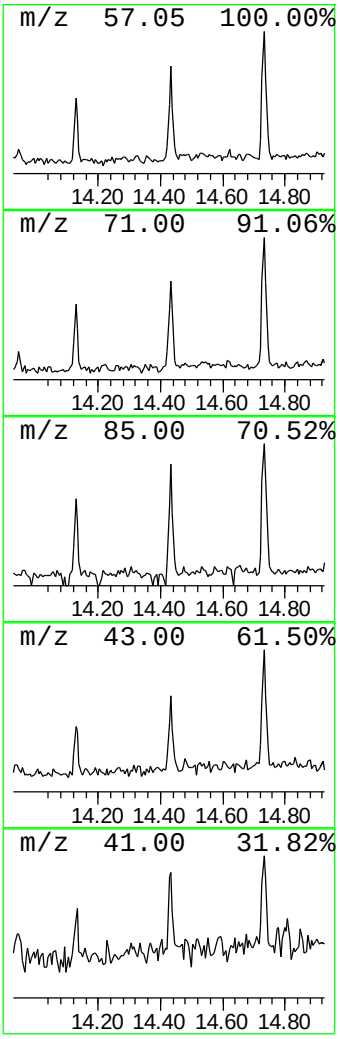
****

Peak Number 5 Eicosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.15 ng	61689	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Heptacosane	380	C27H56	000593-49-7	62
5	Eicosane	282	C20H42	000112-95-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

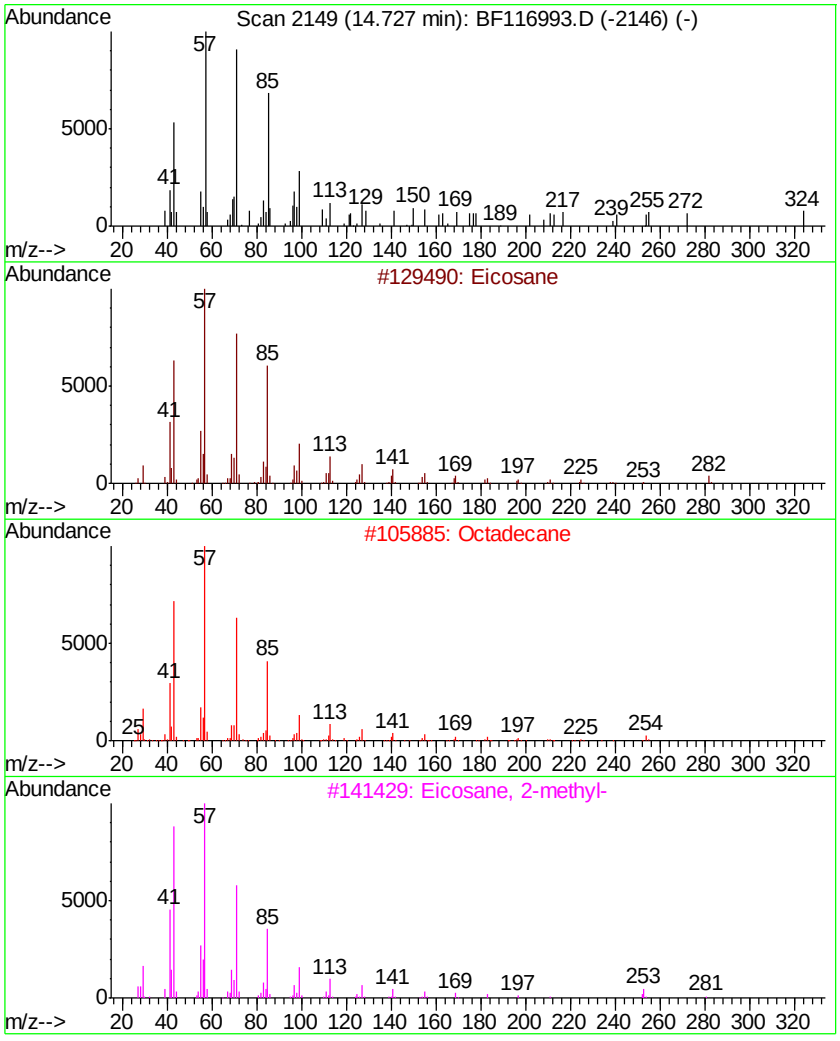
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

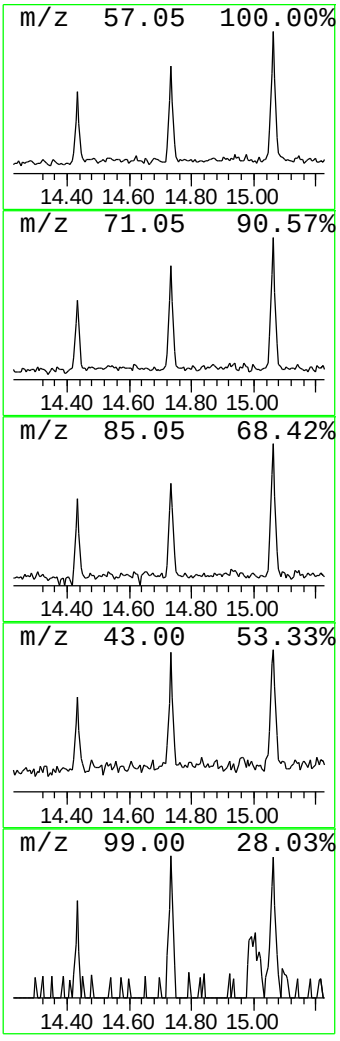
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.15 ng	58469	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octadecane	254	C18H38	000593-45-3	81
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
4	Pentacosane	352	C25H52	000629-99-2	68
5	Hentriacontane	437	C31H64	000630-04-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

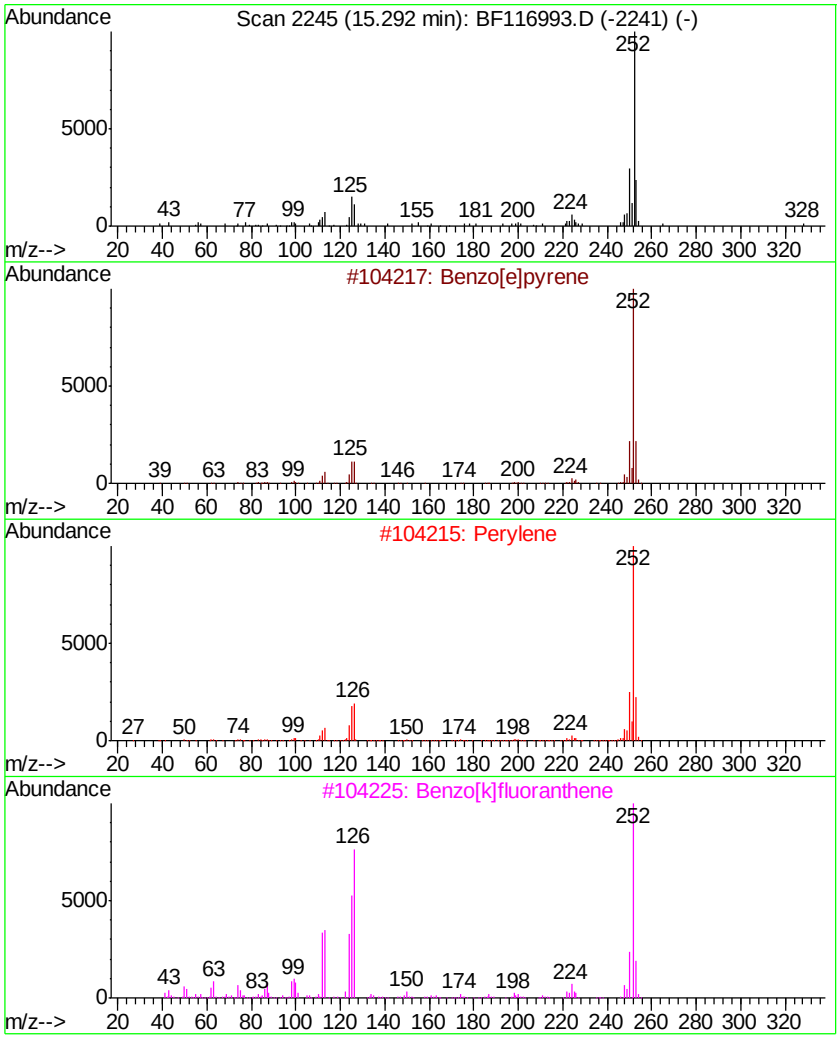
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

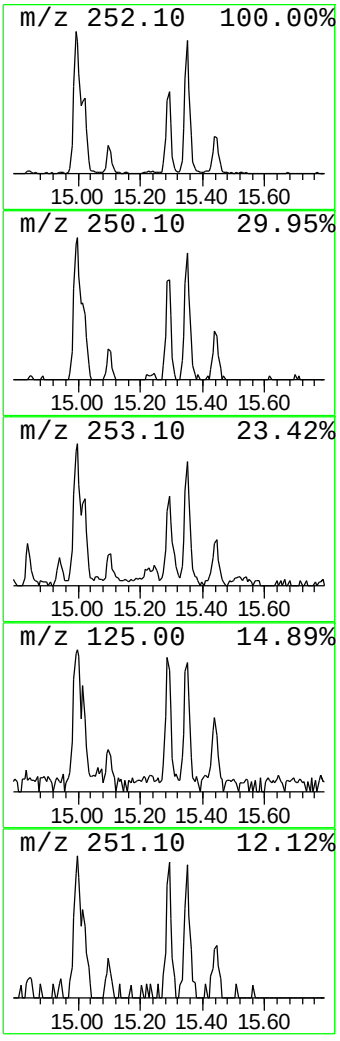
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.63 ng	98802	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

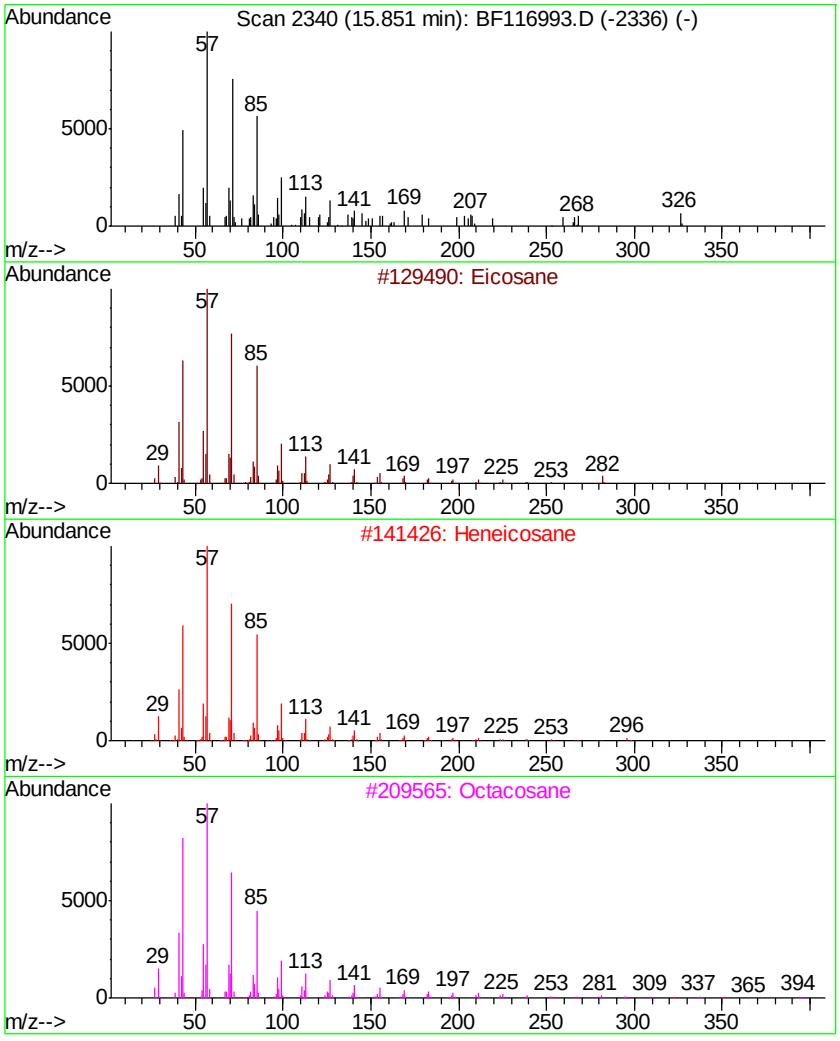
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

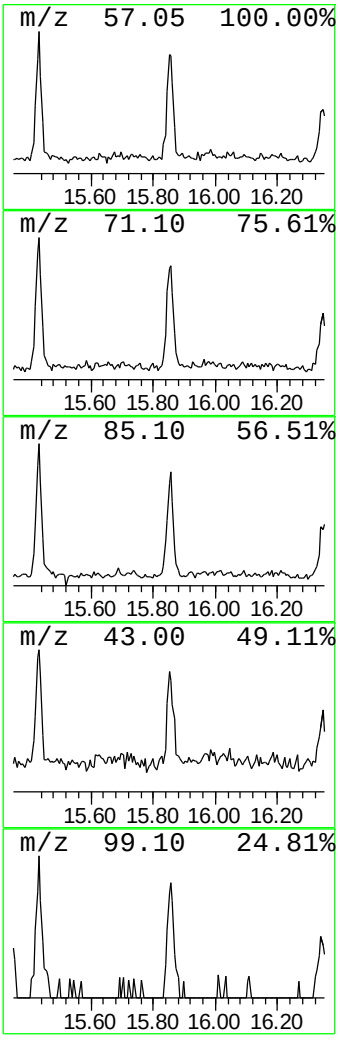
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.62 ng	71206	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF116993.D
Acq On : 12 Sep 2019 15:49
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.59	6.59	81.4	ng	1523350	1	6.82	374465	20.0
Pentadecanoic acid	11.86	3.8	ng	86682	4	11.33	462884	20.0
4H-Cyclopenta[def...	11.94	2.6	ng	61046	4	11.33	462884	20.0
Eicosane, 2-methyl-	14.43	2.1	ng	61689	5	13.97	574818	20.0
Eicosane	14.73	2.1	ng	58469	6	15.42	544088	20.0
Benzo[e]pyrene	15.29	3.6	ng	98802	6	15.42	544088	20.0
Heneicosane	15.85	2.6	ng	71206	6	15.42	544088	20.0