LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-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-BF051019.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	3.875	297	304	313	rBV	47601	77883	3.71%	0.355%
2	5.457	570	573	592	rBV	662982	871113	41.44%	3.972%
3	6.469	742	745	762	rBV	625374	916144	43.58%	4.177%
4	6.604	765	768	780	rVB	950675	909726	43.28%	4.148%
5	6.828	803	806	815	rBV	1366197	1141561	54.31%	5.205%
6	6.987	829	833	842	rBV	658417	678858	32.29%	3.095%
7	7.392	898	902	922	rBV	404483	536188	25.51%	2.445%
8	8.110	1020	1024	1044	rBV	1495542	1459493	69.43%	6.654%
9	9.181	1203	1206	1218	rBV	906944	895780	42.61%	4.084%
10	9.581	1271	1274	1281	rVB	80595	80017	3.81%	0.365%
11	9.863	1318	1322	1326	rBV	1501335	1374883	65.41%	6.268%
12	9.898	1326	1328	1338	rVB	52387	55746	2.65%	0.254%
13	10.416	1413	1416	1421	rVB	52164	47279	2.25%	0.216%
14	10.657	1453	1457	1463	rBV	427926	439649	20.91%	2.004%
15	11.251	1553	1558	1563	rVB2	24931	29917	1.42%	0.136%
16	11.351	1571	1575	1577	rBV	1445254	1274596	60.63%	5.811%
17	11.375	1577	1579	1584	rVV	424504	368668	17.54%	1.681%
18	11.427	1585	1588	1592	rVB	82072	83593	3.98%	0.381%
19	11.592	1611	1616	1621	rBV	64027	73740	3.51%	0.336%
20	11.874	1657	1664	1671	rBV2	263696	397347	18.90%	1.812%
21	11.969	1676	1680	1682	rBV2	103698	95923	4.56%	0.437%
22	12.039	1689	1692	1695	rBV5	17385	22418	1.07%	0.102%
23	12.145	1707	1710	1713	rBV	32690	29729	1.41%	0.136%
24	12.186	1714	1717	1721	rVB5	18886	23411	1.11%	0.107%
25	12.404	1751	1754	1756	rBV	29110	31668	1.51%	0.144%
26	12.563	1778	1781	1787	rBV	738762	691972	32.92%	3.155%
27	12.657	1791	1797	1805	rBV2	227523	295201	14.04%	1.346%
28	12.716	1805	1807	1810	rVB	32676	31024	1.48%	0.141%
29	12.792	1815	1820	1827	rVV	612913	685239	32.60%	3.124%
30	12.851	1827	1830	1833	rVB2	22380	27873	1.33%	0.127%
31	12.927	1839	1843	1847	rBV	809461	734705	34.95%	3.350%
32	13.010	1854	1857	1862	rBV3	32416	54659	2.60%	0.249%
33	13.121	1870	1876	1880	rBV2	98569	144300	6.86%	0.658%
34	13.192	1885	1888	1891	rVV	79149	79097	3.76%	0.361%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.227	1891	1894	1899	rVV2	45635	60029	2.86%	0.274%
36	13.321	1907	1910	1913	rBV	30696	38355	1.82%	0.175%
37	13.351	1913	1915	1918	rBV2	30465	39371	1.87%	0.180%
38	13.639	1962	1964	1967	rBV4	25496	21217	1.01%	0.097%
39	13.745	1979	1982	1984	rBV	53645	52775	2.51%	0.241%
40	13.769	1984	1986	1988	rBV	35548	21092	1.00%	0.096%
41	13.804	1989	1992	1994	rBV2	33514	50049	2.38%	0.228%
42	13.827	1994	1996	1997	rBV	36202	27862	1.33%	0.127%
43	13.992	2019	2024	2027	rBV2	1448722	1714979	81.58%	7.819%
44	14.021	2027	2029	2033	rVB	283296	241899	11.51%	1.103%
45	14.104	2041	2043	2046	rVB	67172	54501	2.59%	0.248%
46	14.151	2048	2051	2056	rVV4	50139	77960	3.71%	0.355%
47	14.457	2100	2103	2106	rBV	111378	112929	5.37%	0.515%
48	14.763	2152	2155	2159	rBV	250938	238608	11.35%	1.088%
49	15.051	2200	2204	2207	rBV	308535	439794	20.92%	2.005%
50	15.098	2209	2212	2219	rVB	443962	536698	25.53%	2.447%
51	15.351	2252	2255	2260	rVB	193454	216318	10.29%	0.986%
52	15.415	2262	2266	2271	rBV	270585	351630	16.73%	1.603%
53	15.474	2271	2276	2281	rBV	1676196	2102086	100.00%	9.584%
54	15.904	2345	2349	2355	rBV	386436	553021	26.31%	2.521%
55	16.398	2429	2433	2438	rVB	201069	322742	15.35%	1.471%

Sum of corrected areas: 21933315

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Data File : BF114430.D
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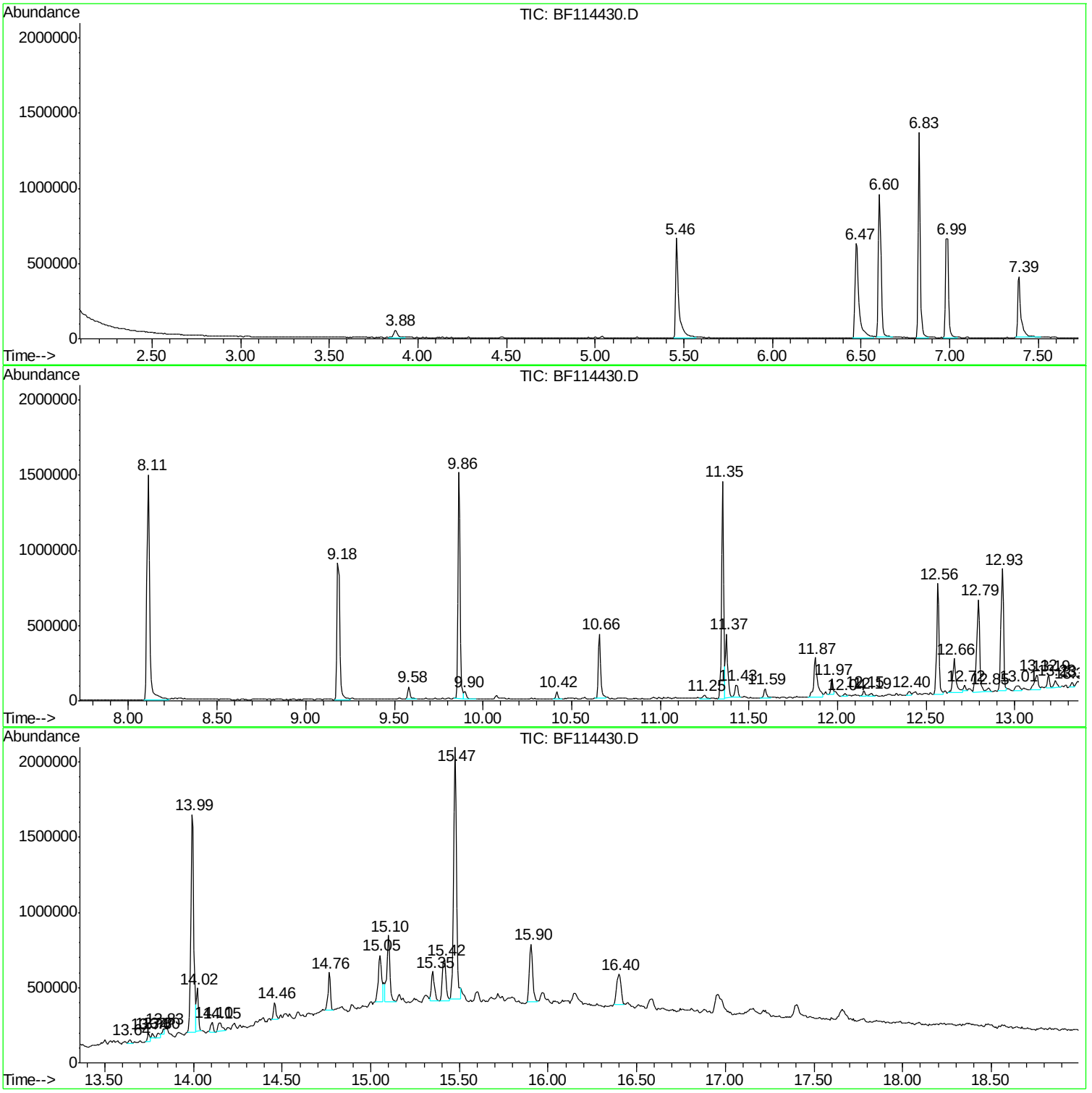
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

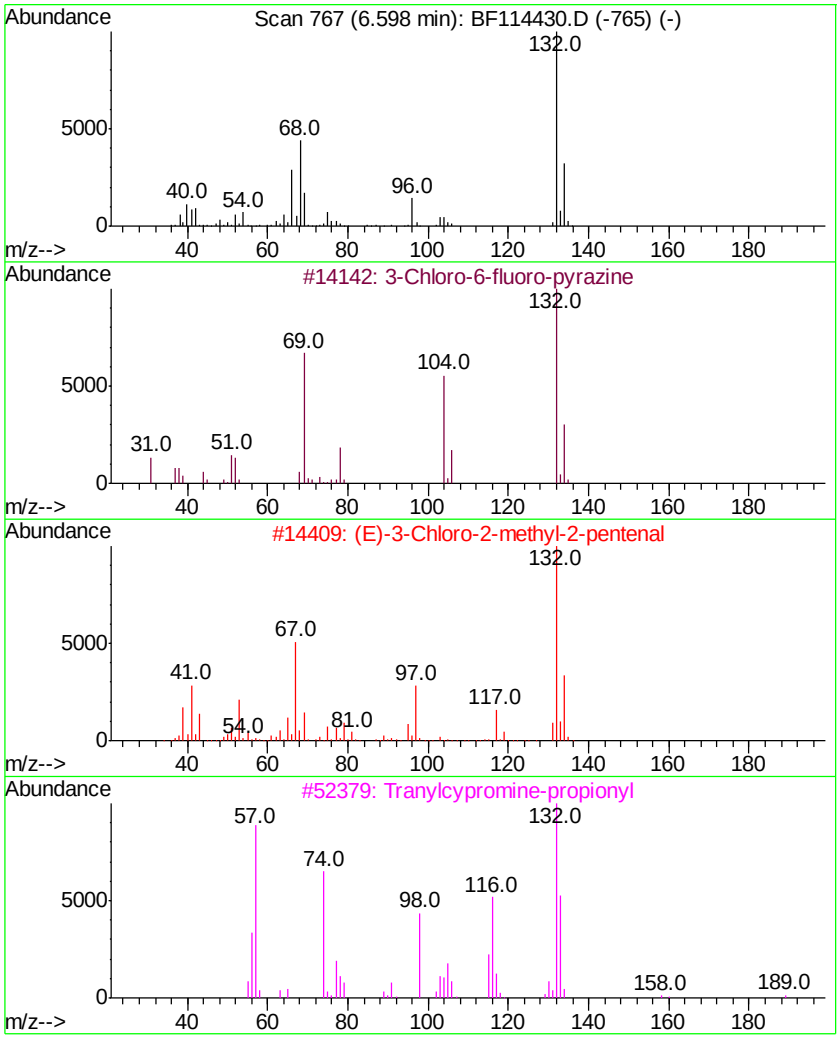
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

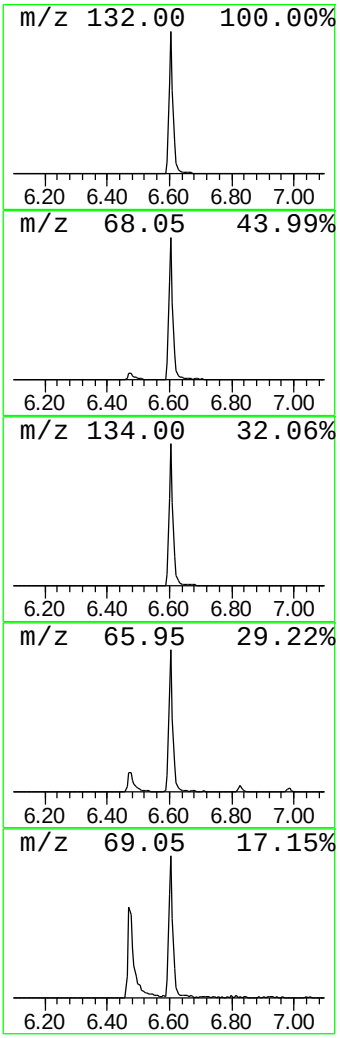
****

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	15.94 ng	909726	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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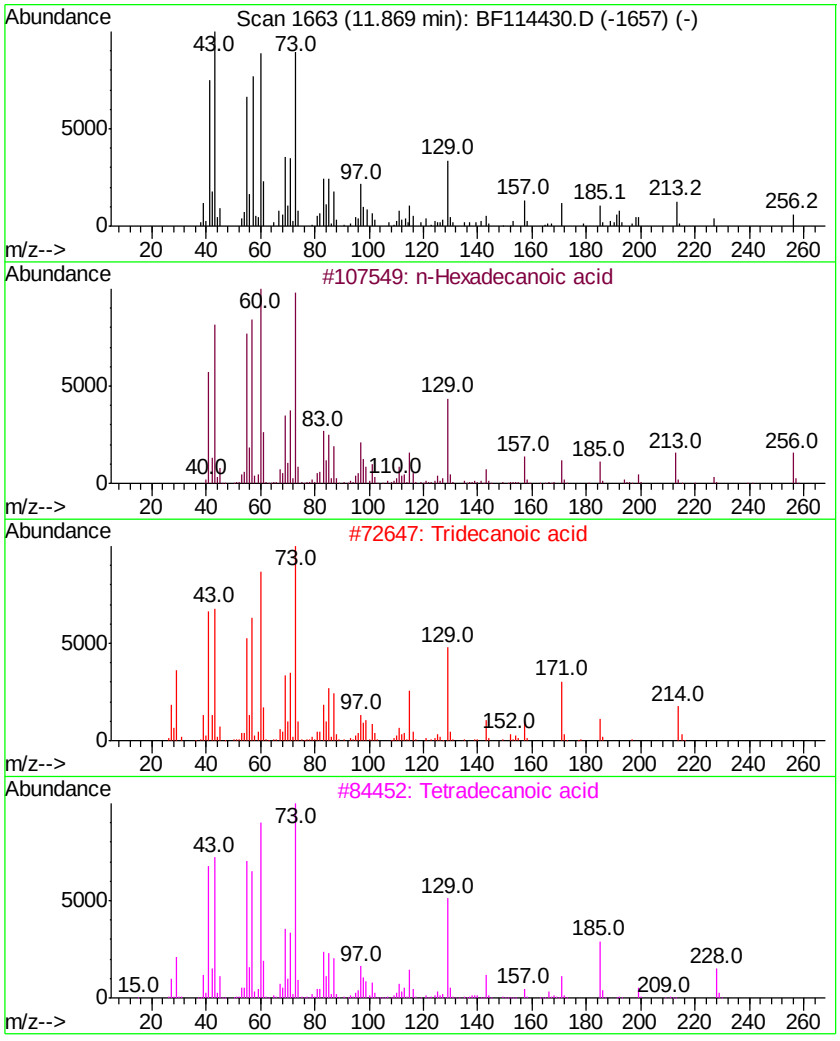
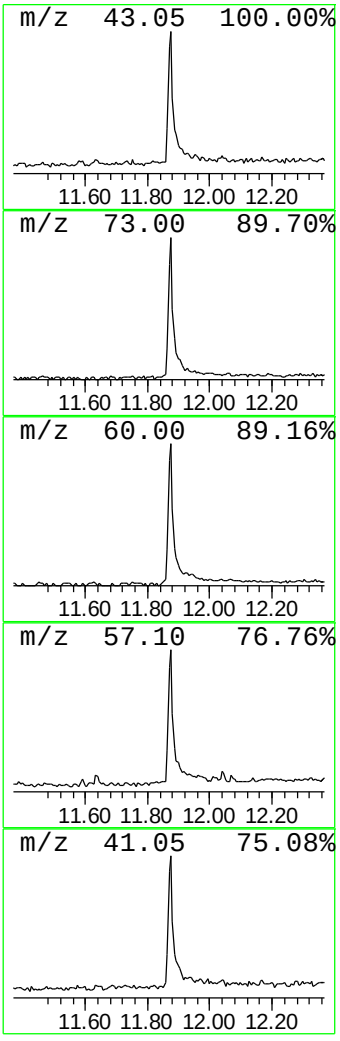
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.23 ng	397347	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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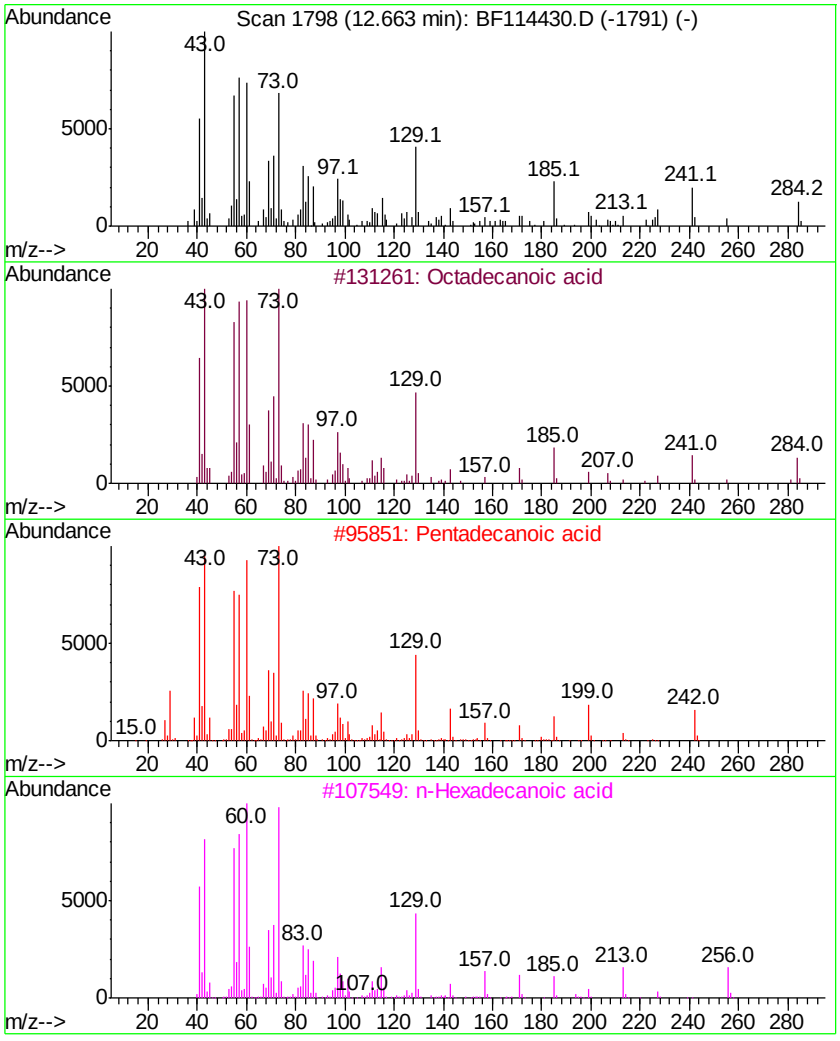
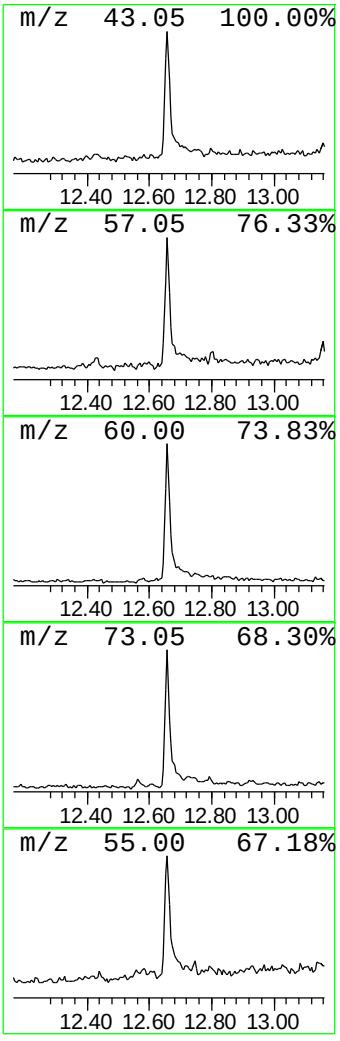
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.63 ng	295201	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

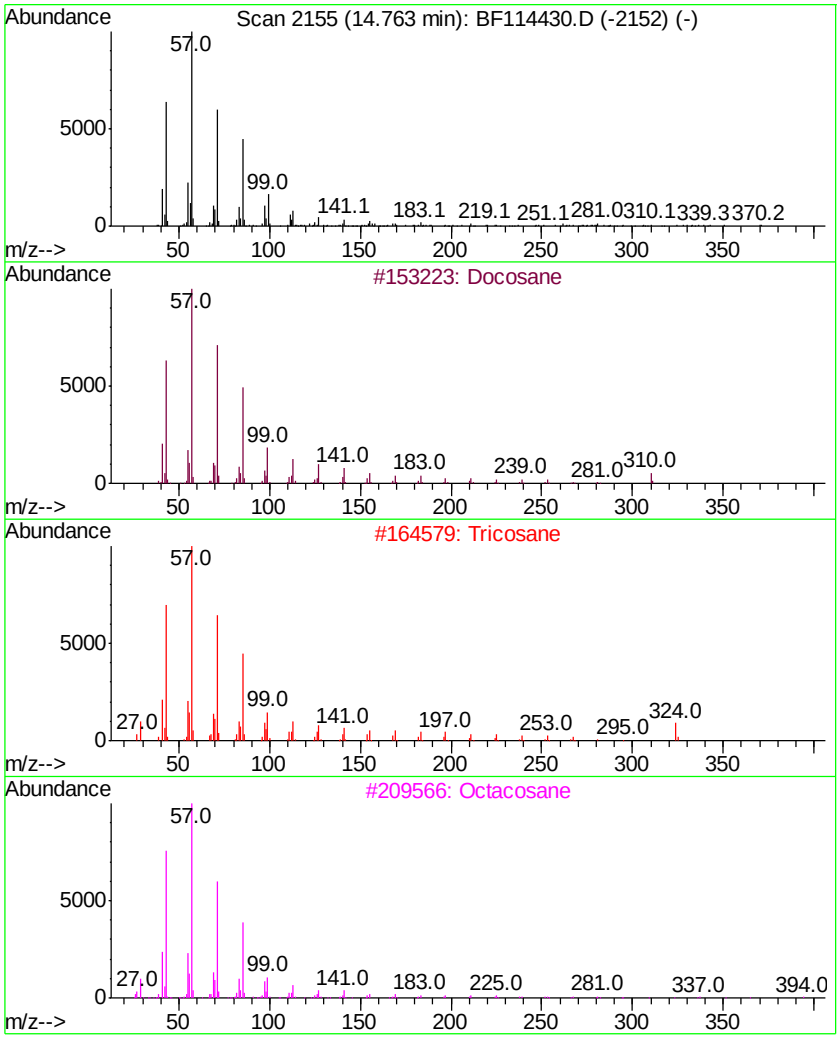
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

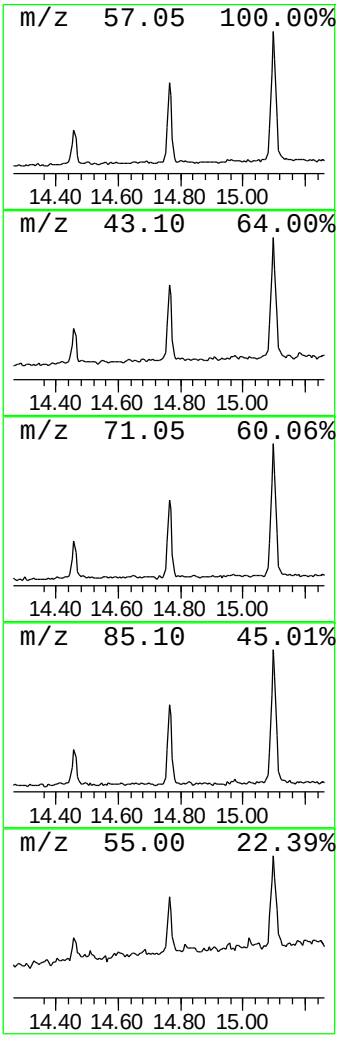
****

Peak Number 5 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.27 ng	238608	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

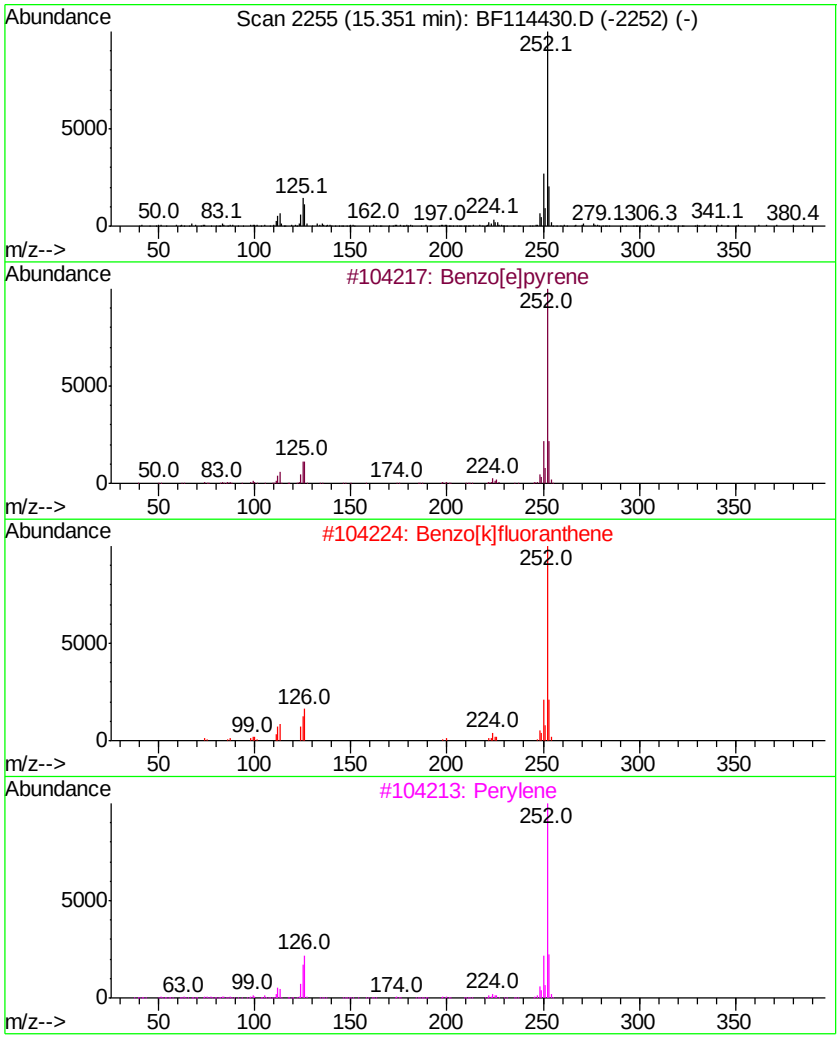
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

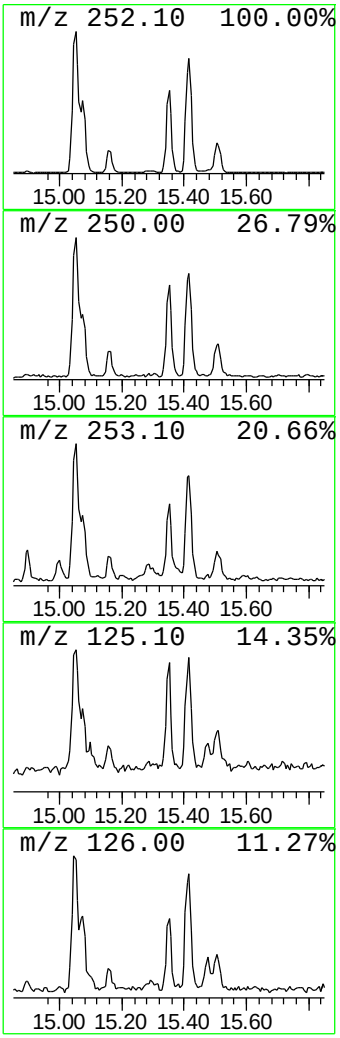
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.06 ng	216318	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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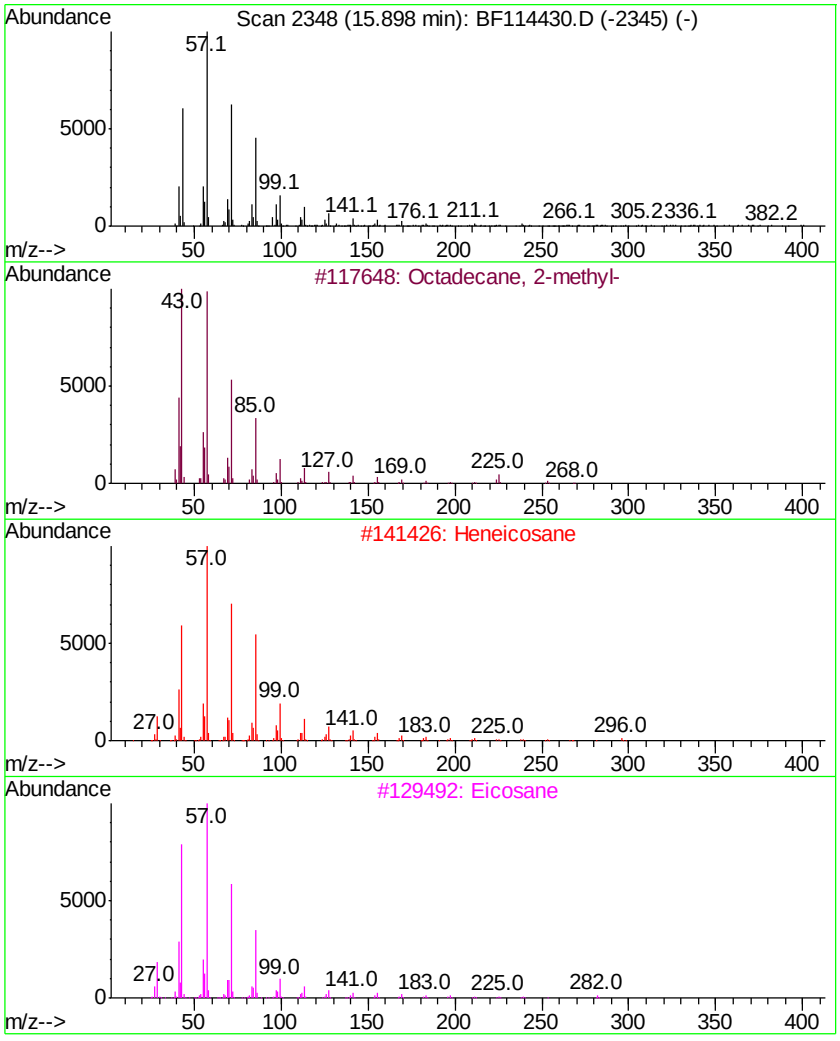
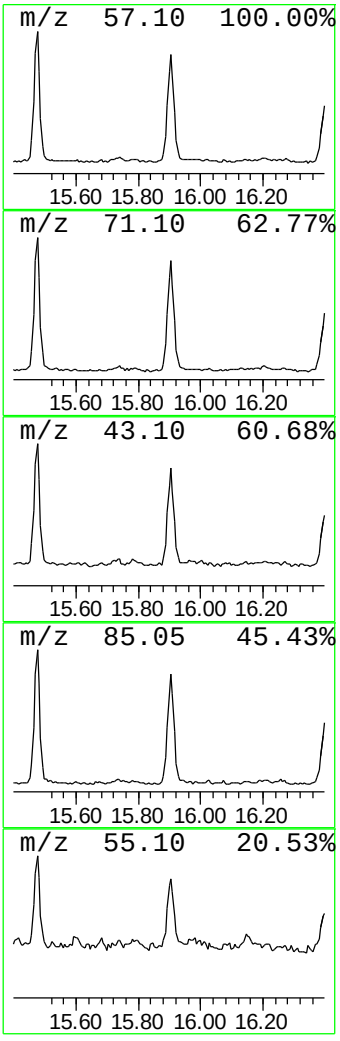
Peak Number 7 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.26 ng	553021	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

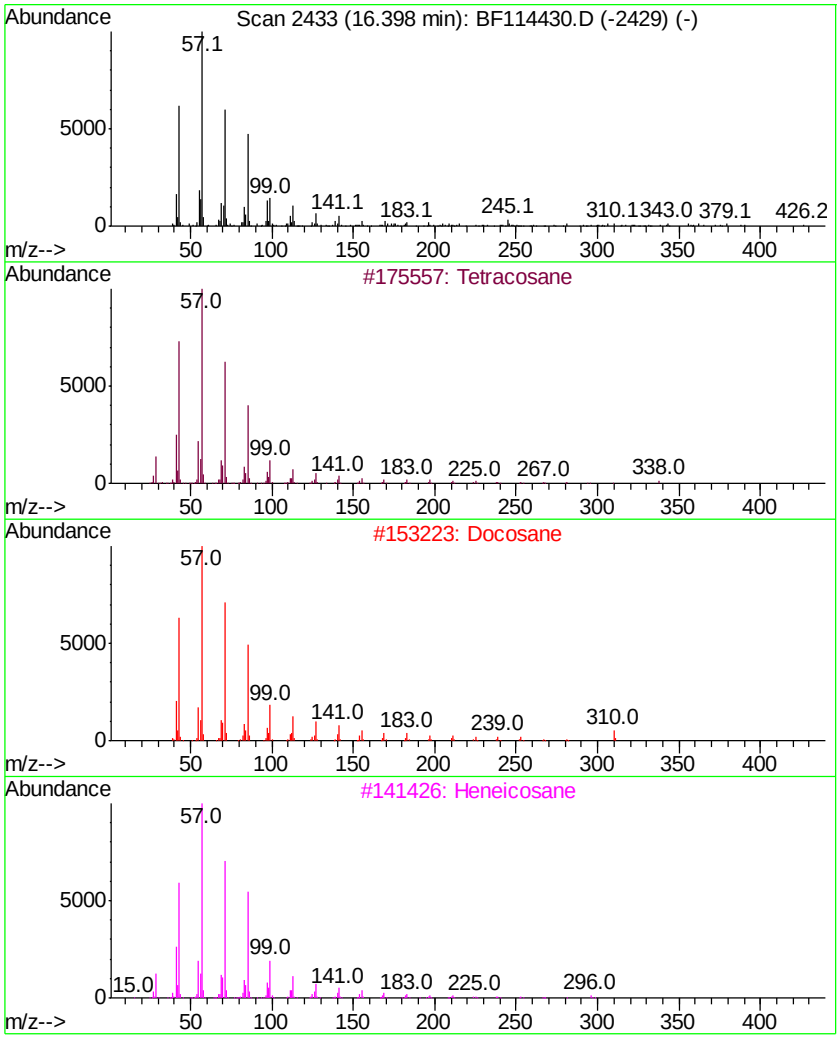
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

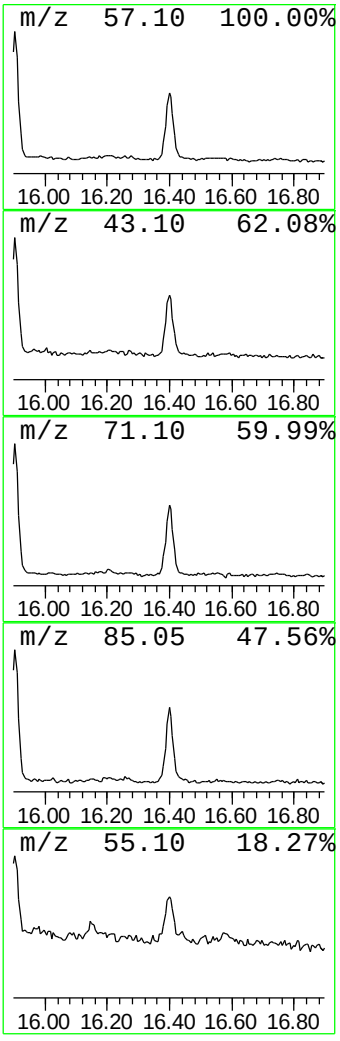
****

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.07 ng	322742	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane	310	C22H46	000629-97-0	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052019\
Data File : BF114430.D
Acq On : 20 May 2019 11:26
Operator : JU/SJ
Sample : K2644-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	15.9	ng	909726	1	6.83	1141560	20.0
n-Hexadecanoic acid	11.87	6.2	ng	397347	4	11.35	1274600	20.0
Octadecanoic acid	12.66	4.6	ng	295201	4	11.35	1274600	20.0
Docosane	14.76	2.3	ng	238608	6	15.47	2102090	20.0
Benzo[e]pyrene	15.35	2.1	ng	216318	6	15.47	2102090	20.0
Octadecane, 2-met...	15.90	5.3	ng	553021	6	15.47	2102090	20.0
Tetracosane	16.40	3.1	ng	322742	6	15.47	2102090	20.0