LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

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-BF060419.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	5.275	536	542	545	rBV	5966883	6335957	78.92%	7.463%
2	6.310	712	718	720	rBV	5680166	6567542	81.80%	7.736%
3	6.440	735	740	743	rBV	6680230	6908201	86.04%	8.137%
4	6.669	775	779	782	rBV	2354422	1972821	24.57%	2.324%
5	6.828	801	806	809	rBV	5775301	5479152	68.24%	6.454%
6	7.228	869	874	877	rBV	4674416	4396830	54.76%	5.179%
7	7.945	992	996	1000	rBV	2921130	2663044	33.17%	3.137%
8	9.028	1175	1180	1183	rBV	8520247	7957318	99.11%	9.373%
9	9.122	1190	1196	1199	rBV4	109562	139822	1.74%	0.165%
10	9.416	1242	1246	1249	rBV	1758021	1412981	17.60%	1.664%
11	9.616	1278	1280	1283	rVB	106422	87413	1.09%	0.103%
12	9.651	1283	1286	1288	rBV2	93840	88046	1.10%	0.104%
13	9.698	1289	1294	1297	rBV	3415674	3221337	40.12%	3.795%
14	10.145	1367	1370	1375	rBV	108773	102560	1.28%	0.121%
15	10.480	1422	1427	1430	rBV	5723730	5443795	67.80%	6.412%
16	10.633	1447	1453	1458	rBV3	186903	294053	3.66%	0.346%
17	11.063	1524	1526	1529	rBV	148643	115082	1.43%	0.136%
18	11.092	1529	1531	1535	rVB	128089	126201	1.57%	0.149%
19	11.169	1540	1544	1547	rBV	3794464	3549991	44.22%	4.182%
20	11.192	1547	1548	1552	rVV	854050	469424	5.85%	0.553%
21	11.245	1554	1557	1559	rVB	207714	188426	2.35%	0.222%
22	11.669	1627	1629	1631	rBV	155710	131452	1.64%	0.155%
23	11.716	1632	1637	1645	rVV3	1345007	1761525	21.94%	2.075%
24	11.780	1645	1648	1650	rBV	285691	278995	3.47%	0.329%
25	12.374	1746	1749	1753	rBV	1601779	1337165	16.65%	1.575%
26	12.498	1767	1770	1773	rBV	615977	622597	7.75%	0.733%
27	12.598	1783	1787	1790	rVB	1277729	1296365	16.15%	1.527%
28	12.757	1810	1814	1817	rBV	7660089	8028682	100.00%	9.457%
29	13.657	1964	1967	1974	rVB	1628767	1787286	22.26%	2.105%
30	13.792	1986	1990	1993	rBV2	3047964	3405502	42.42%	4.011%
31	14.298	2073	2076	2079	rBV2	490642	493675	6.15%	0.582%
32	14.592	2124	2126	2131	rVB	575963	561618	7.00%	0.662%
33	14.798	2158	2161	2164	rBV	589417	821760	10.24%	0.968%
34	14.898	2175	2178	2185	rVB2	700486	789288	9.83%	0.930%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.068	2205	2207	2212	rVB	376892	465684	5.80%	0.549%
36	15.127	2214	2217	2221	rVV	589912	717786	8.94%	0.846%
37	15.186	2223	2227	2230	rVV	2324559	2722475	33.91%	3.207%
38	15.245	2234	2237	2247	rVB	649124	892216	11.11%	1.051%
39	15.639	2301	2304	2308	rBV	424896	573178	7.14%	0.675%
40	15.680	2308	2311	2318	rVB2	412678	686376	8.55%	0.809%

Sum of corrected areas: 84893621

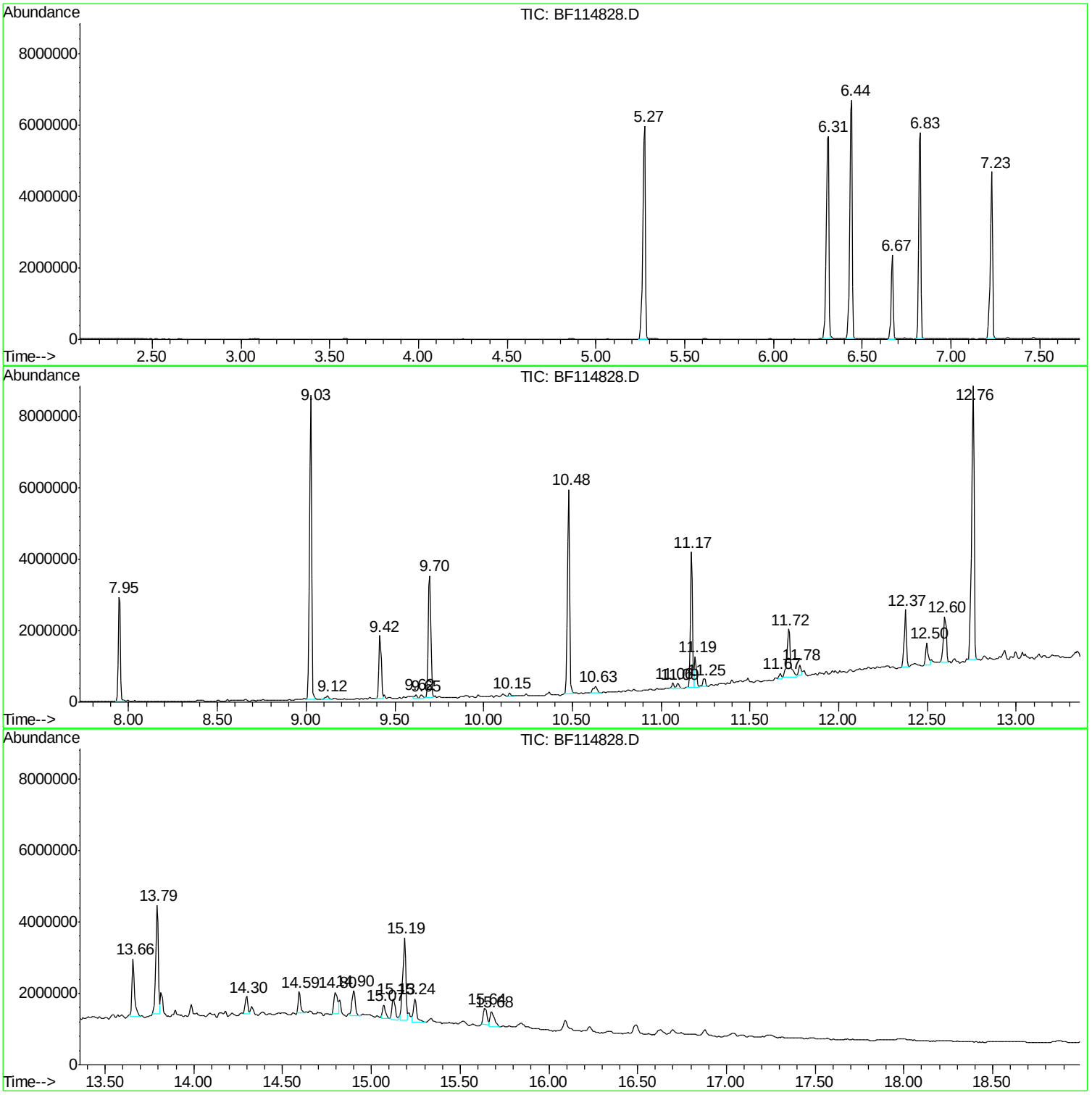
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

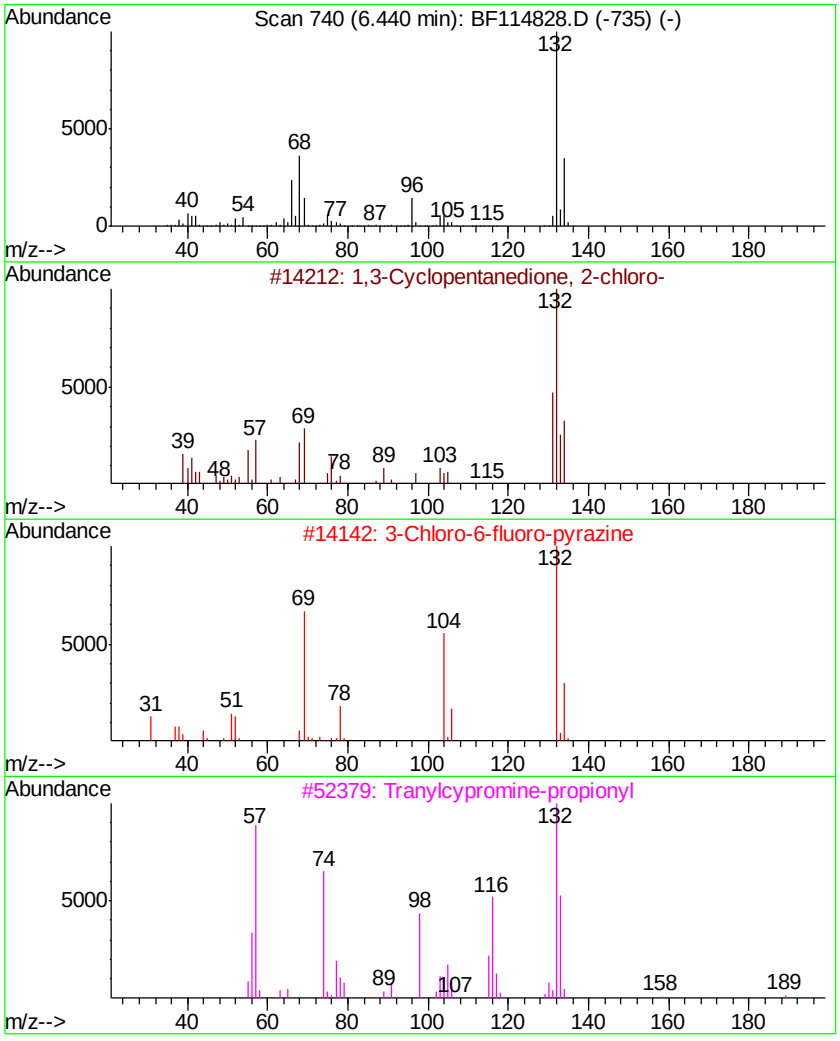
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

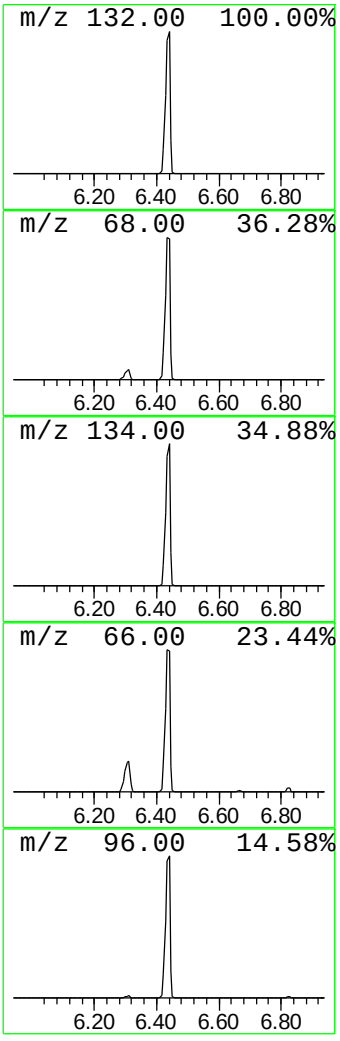
****

Peak Number 1 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	70.03 ng	6908200	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

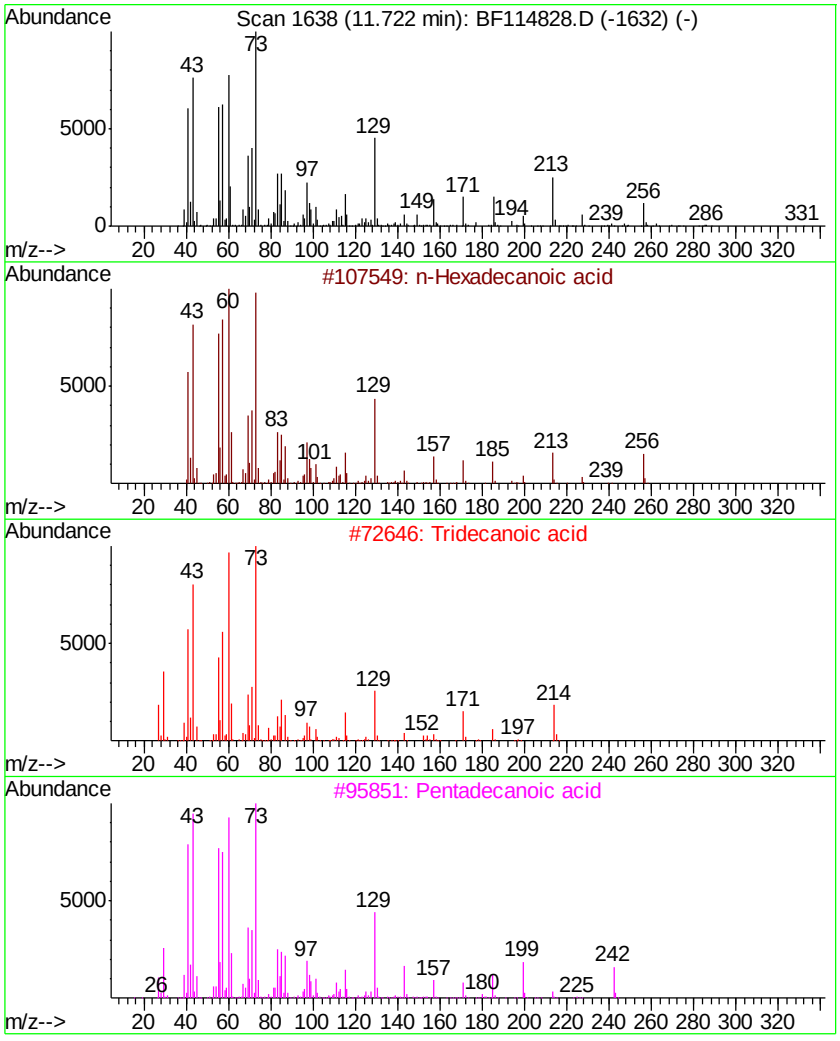
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

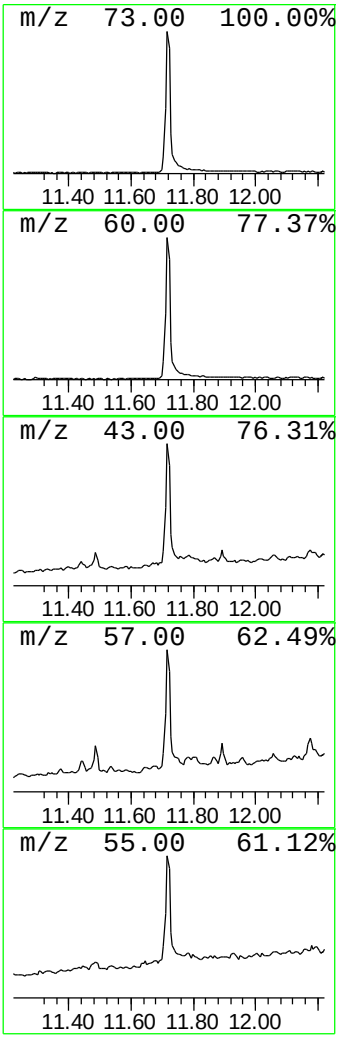
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	9.92 ng	1761530	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

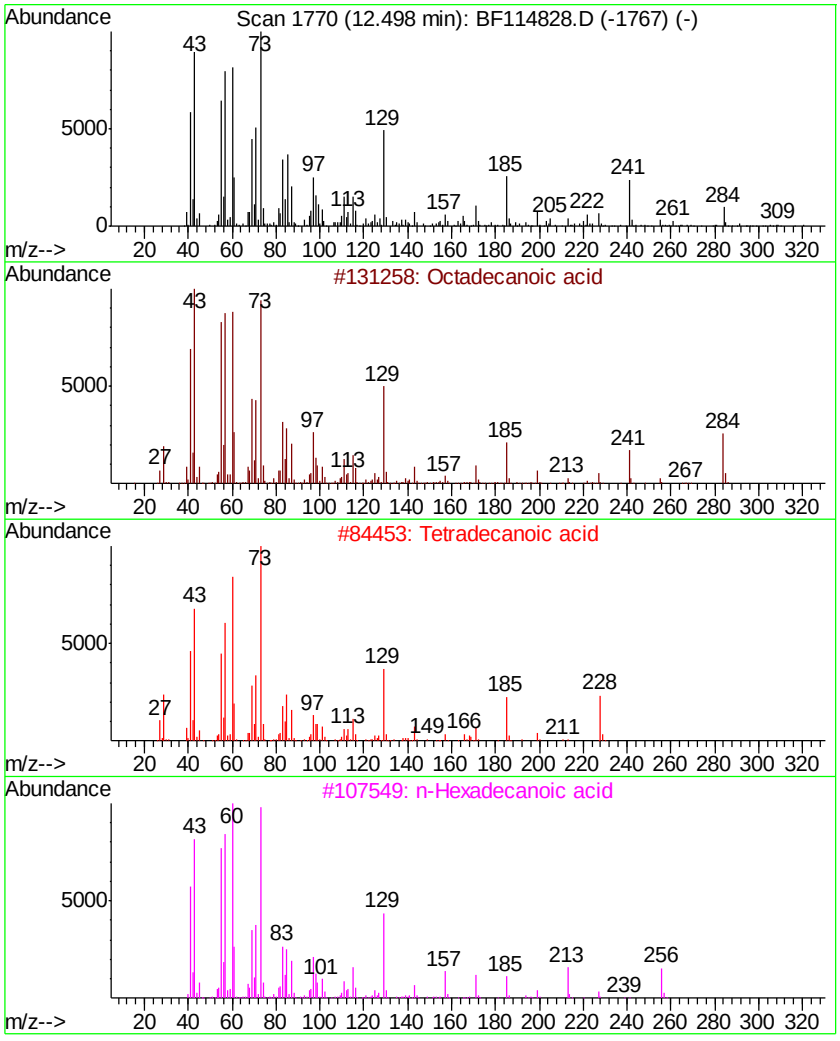
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

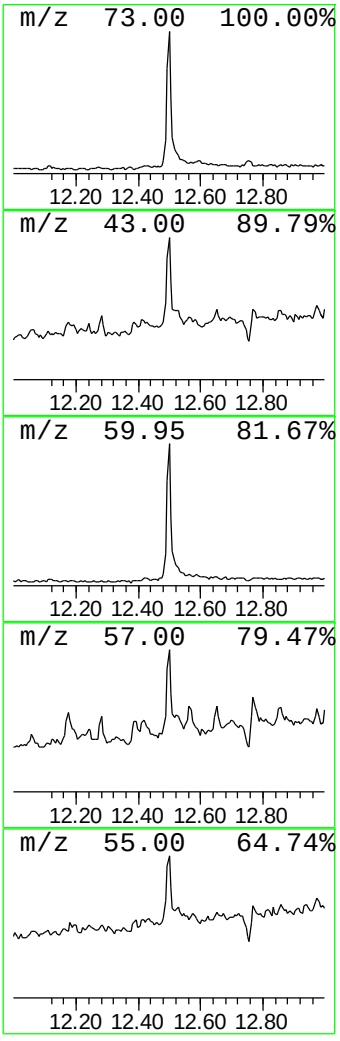
****

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.66 ng	622597	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

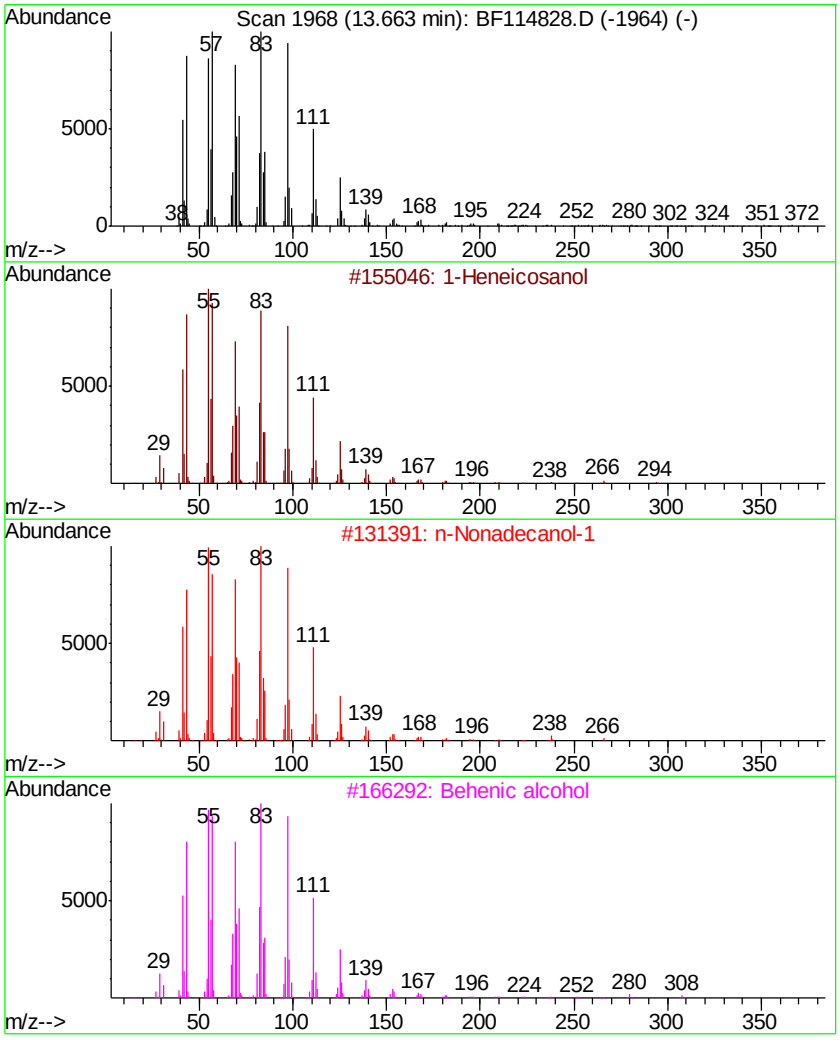
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

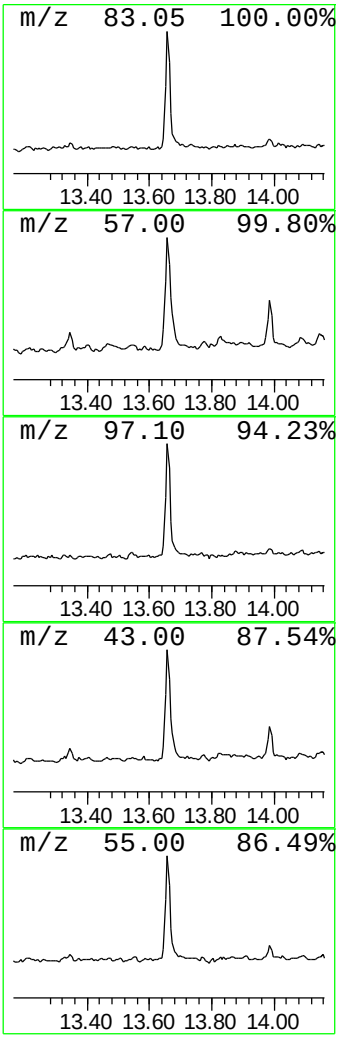
****

Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	10.50 ng	1787290	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

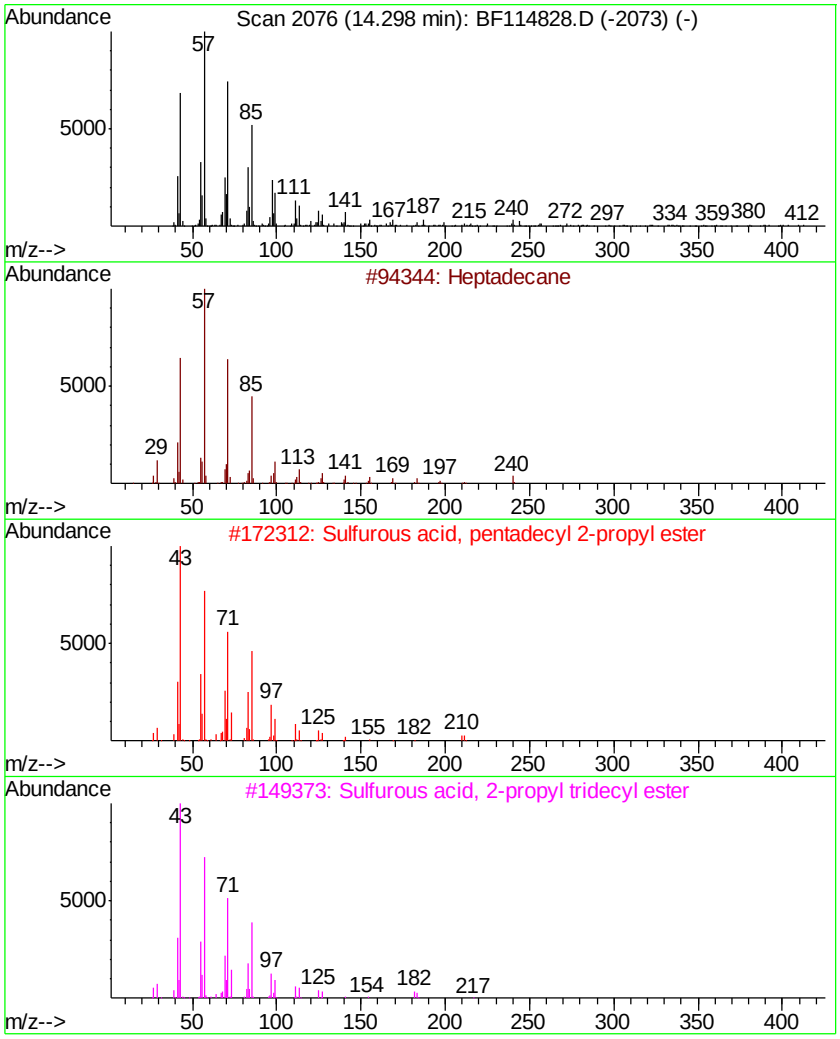
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

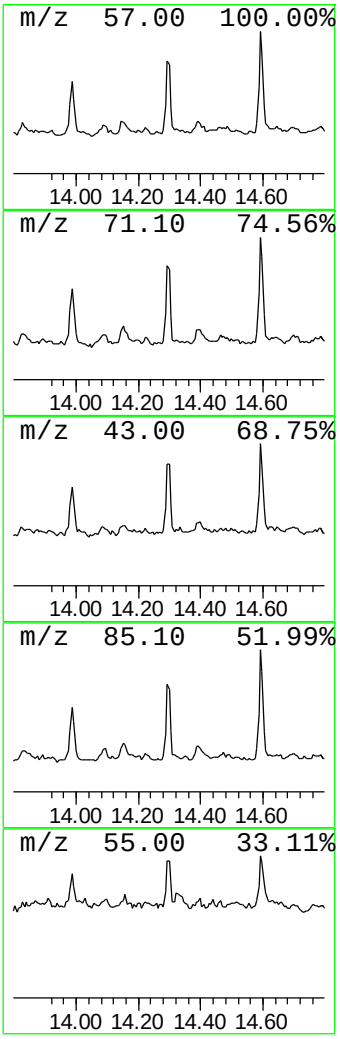
****

Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.90 ng	493675	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
5	Tetracosane	338	C24H50	000646-31-1	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

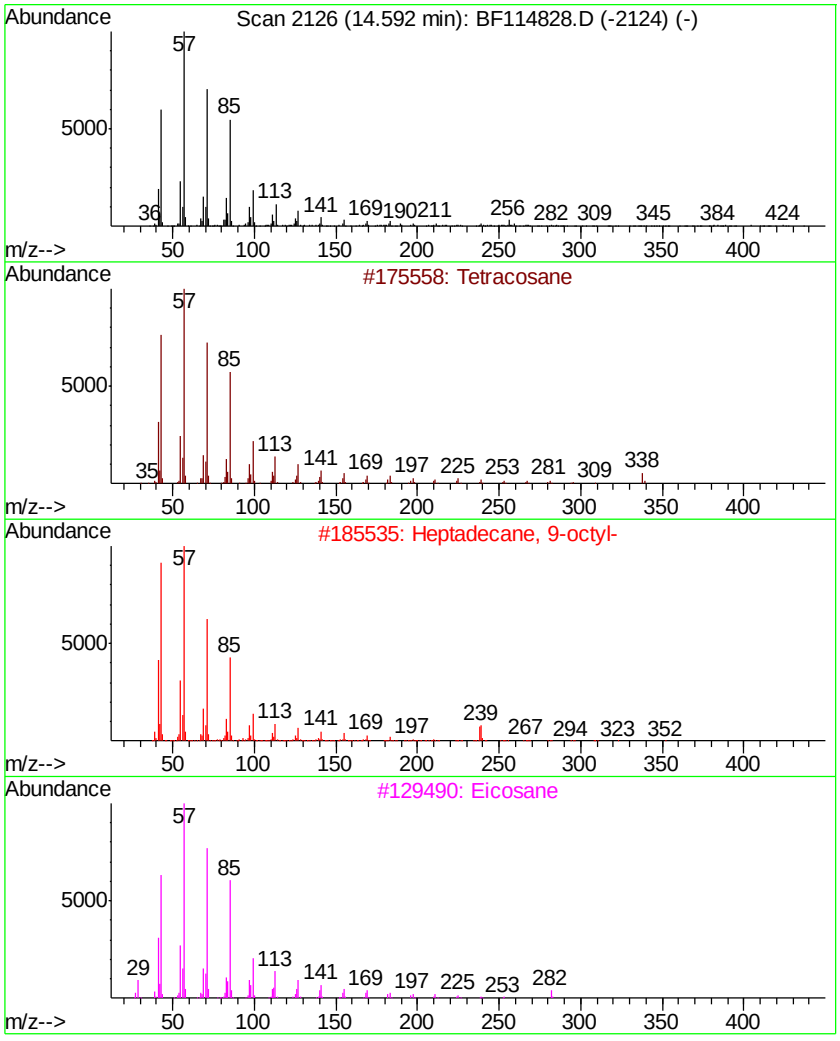
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

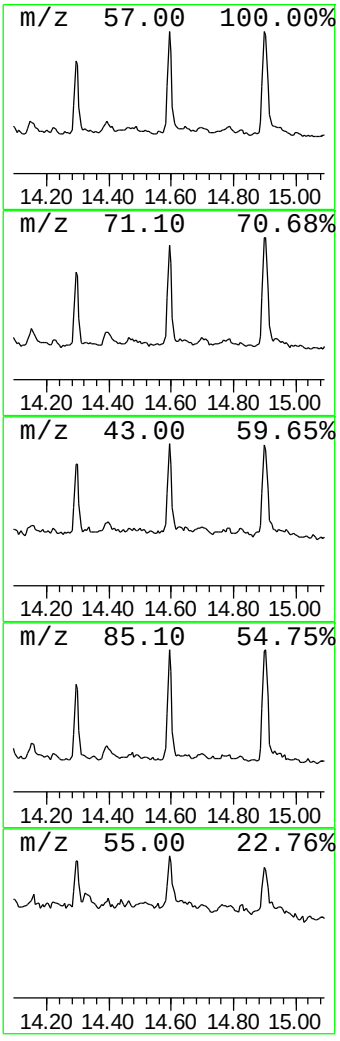
****

Peak Number 7 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.13 ng	561618	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

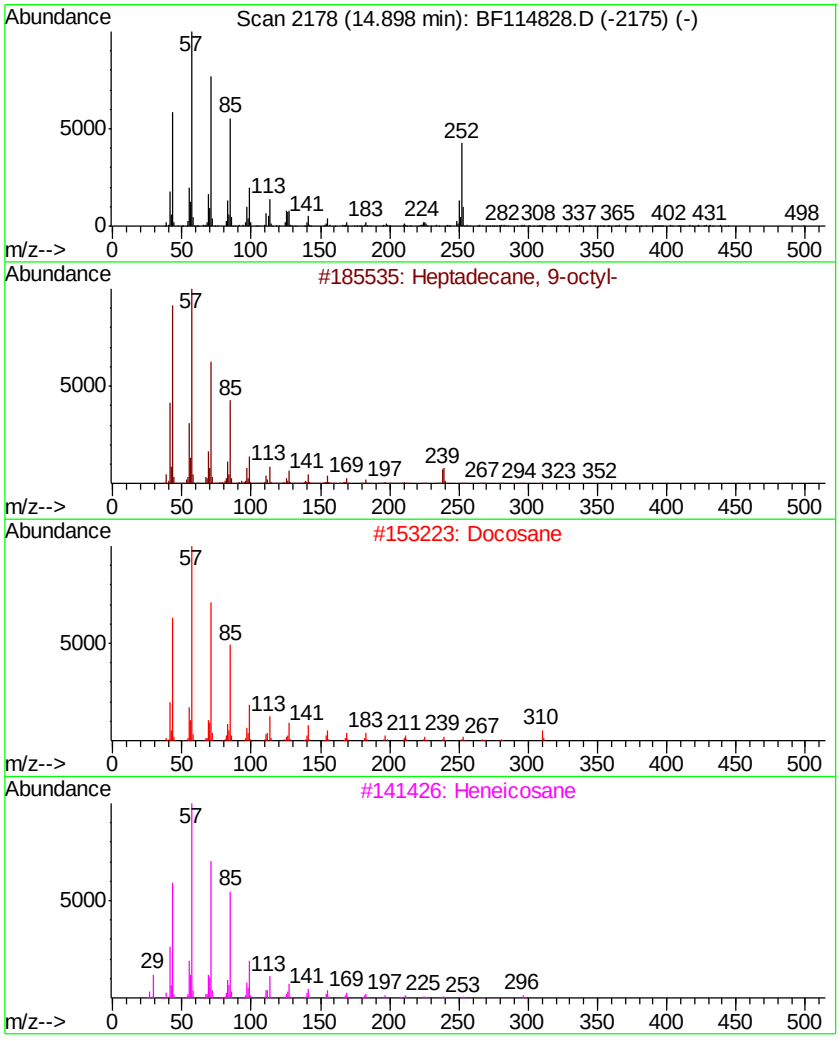
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

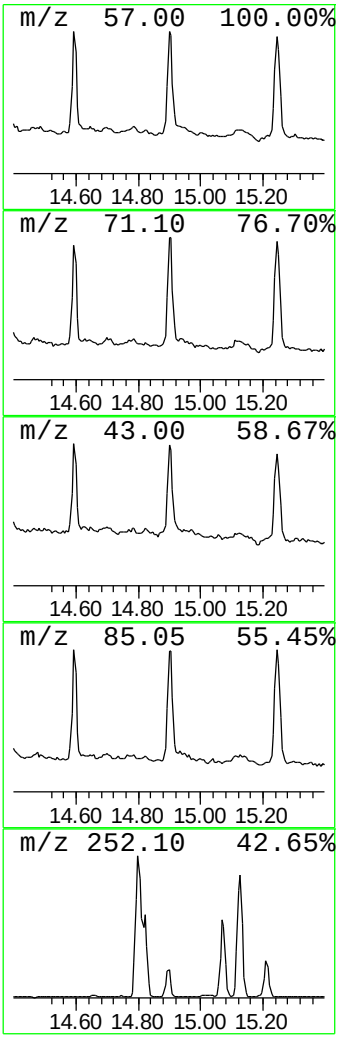
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.80 ng	789288	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Docosane	310	C22H46	000629-97-0	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetracosane	338	C24H50	000646-31-1	70
5	Hexacosane	366	C26H54	000630-01-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

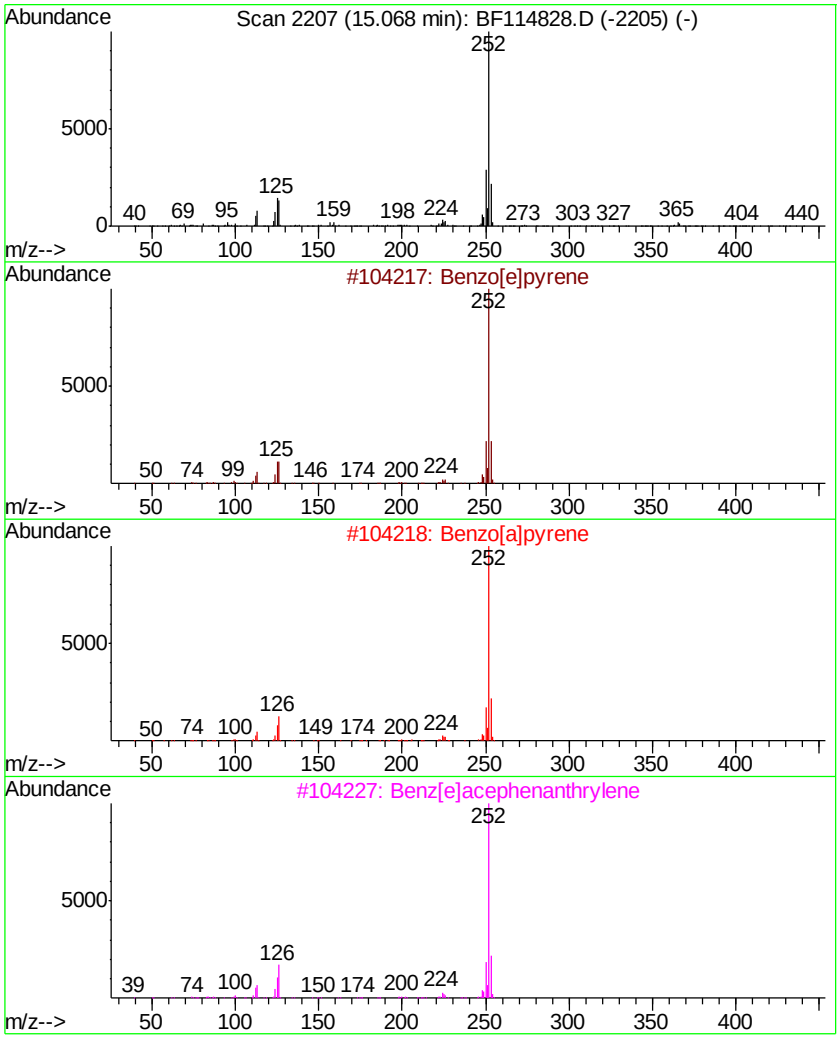
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

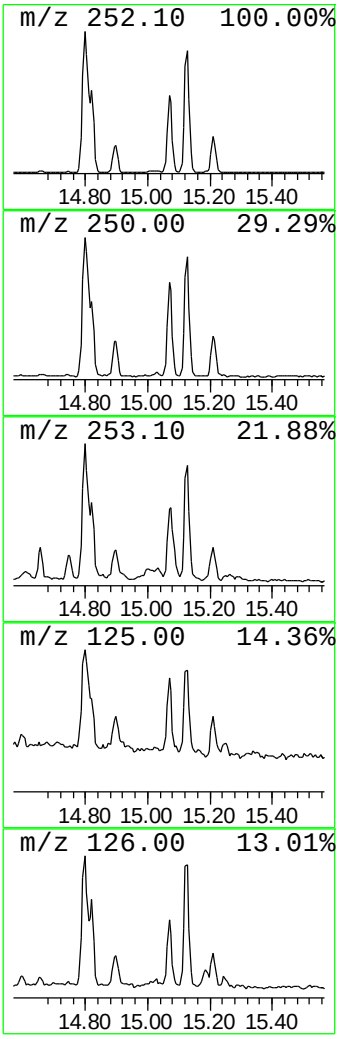
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.42 ng	465684	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

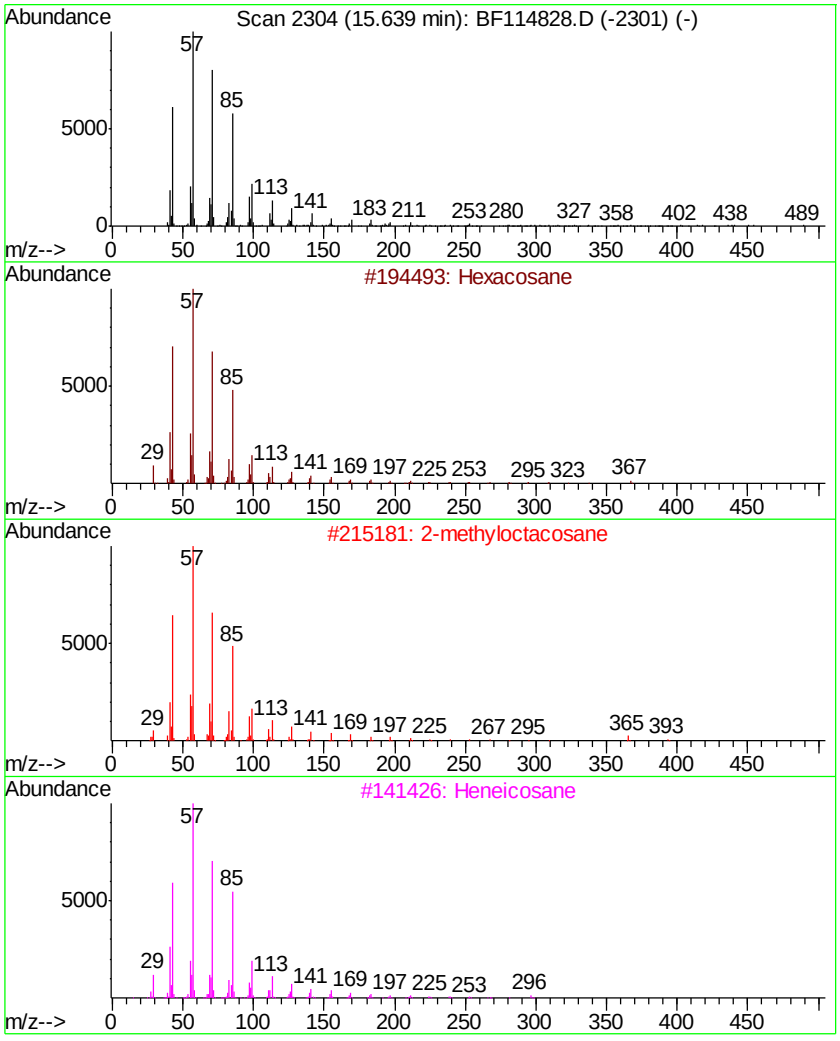
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

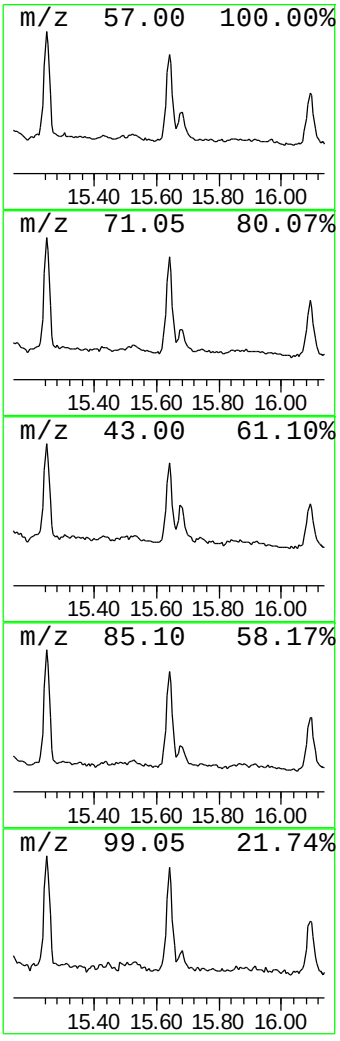
****

Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.21 ng	573178	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Nonacosane	408	C29H60	000630-03-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

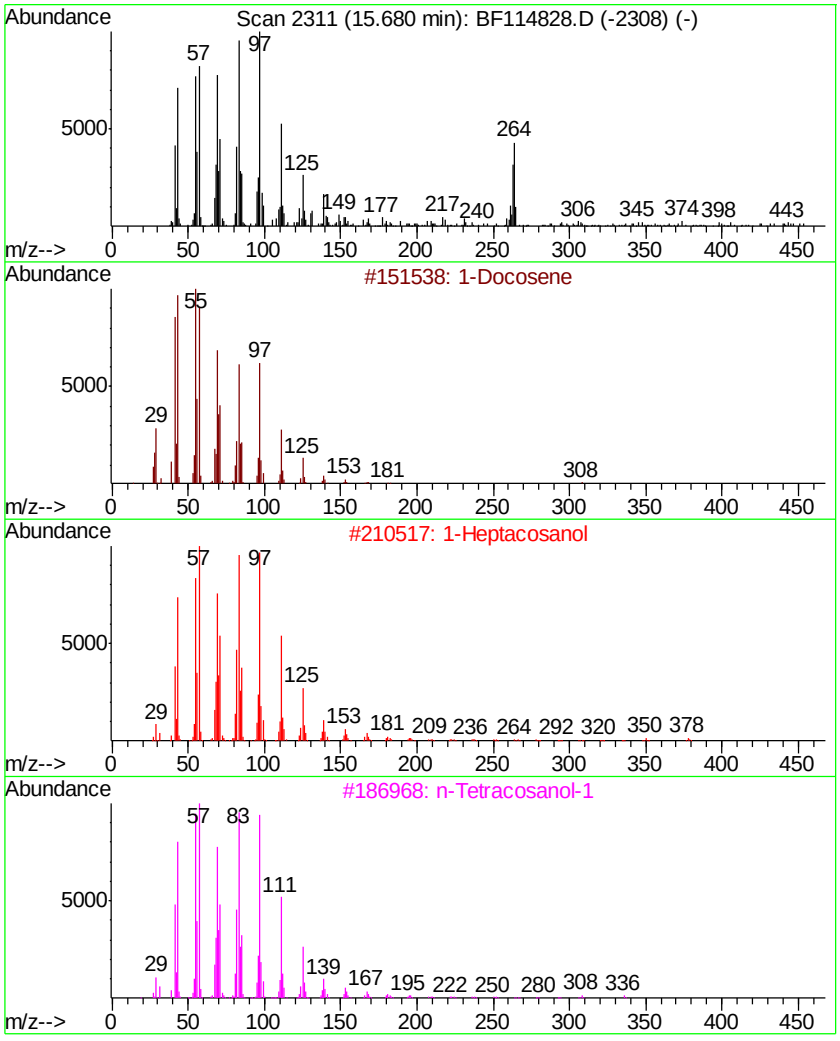
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

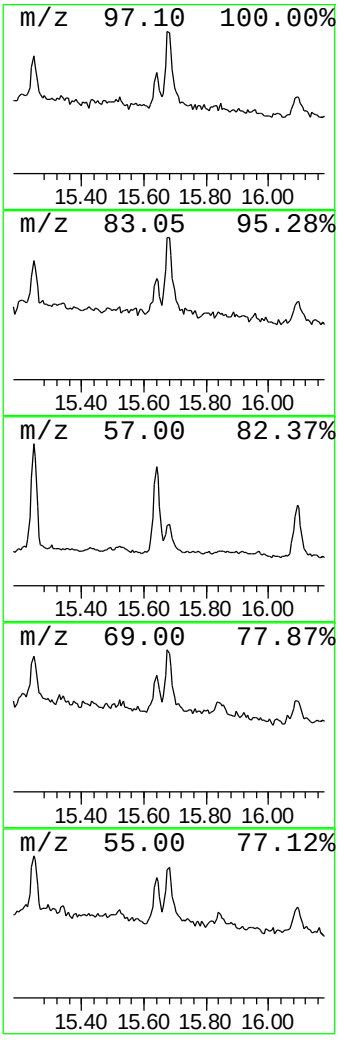
****

Peak Number 12 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.04 ng	686376	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
5	Behenic alcohol	326	C22H46O	000661-19-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
unknown6.44	6.44	70.0	ng	6908200	1	6.67	1972820	20.0
n-Hexadecanoic acid	11.72	9.9	ng	1761530	4	11.17	3549990	20.0
Octadecanoic acid	12.50	3.7	ng	622597	5	13.79	3405500	20.0
1-Heneicosanol	13.66	10.5	ng	1787290	5	13.79	3405500	20.0
Heptadecane	14.30	2.9	ng	493675	5	13.79	3405500	20.0
Tetracosane	14.59	4.1	ng	561618	6	15.19	2722480	20.0
Heptadecane, 9-oc...	14.90	5.8	ng	789288	6	15.19	2722480	20.0
Benzo[e]pyrene	15.07	3.4	ng	465684	6	15.19	2722480	20.0
Hexacosane	15.64	4.2	ng	573178	6	15.19	2722480	20.0
1-Docosene	15.68	5.0	ng	686376	6	15.19	2722480	20.0