LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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	5.493	575	579	599	rBV	4112049	4396456	83.89%	8.919%
2	6.510	747	752	764	rBV	4307853	4547950	86.78%	9.226%
3	6.634	769	773	776	rBV	4968533	4381852	83.61%	8.889%
4	6.857	807	811	818	rVB	1473637	1307212	24.94%	2.652%
5	7.010	833	837	841	rBV	3760007	3543333	67.61%	7.188%
6	7.416	902	906	909	rBV	3231746	2839325	54.18%	5.760%
7	8.134	1023	1028	1035	rBV	1678239	1700527	32.45%	3.450%
8	8.728	1126	1129	1132	rBV	65574	60073	1.15%	0.122%
9	9.210	1207	1211	1214	rBV	5935632	5240570	100.00%	10.631%
10	9.286	1221	1224	1230	rBV3	98354	100835	1.92%	0.205%
11	9.598	1275	1277	1282	rBV	306495	328481	6.27%	0.666%
12	9.751	1300	1303	1307	rBV	66009	75391	1.44%	0.153%
13	9.816	1310	1314	1319	rVB	102313	104662	2.00%	0.212%
14	9.892	1323	1327	1330	rVV	1858298	1720325	32.83%	3.490%
15	9.922	1330	1332	1337	rVB	68795	64033	1.22%	0.130%
16	10.092	1359	1361	1365	rVB2	55591	59521	1.14%	0.121%
17	10.316	1397	1399	1402	rVB	117458	89680	1.71%	0.182%
18	10.439	1417	1420	1426	rBV	60204	69388	1.32%	0.141%
19	10.539	1432	1437	1442	rVB	52240	72833	1.39%	0.148%
20	10.680	1457	1461	1472	rVB	3122185	3160812	60.31%	6.412%
21	10.786	1477	1479	1481	rBV	96717	102250	1.95%	0.207%
22	11.239	1552	1556	1558	rBV	90611	97240	1.86%	0.197%
23	11.269	1558	1561	1567	rVB3	76158	95147	1.82%	0.193%
24	11.375	1576	1579	1582	rBV	1863413	1724359	32.90%	3.498%
25	11.398	1582	1583	1587	rVV	406108	300561	5.74%	0.610%
26	11.451	1590	1592	1595	rVB	103520	85629	1.63%	0.174%
27	11.663	1625	1628	1632	rVB2	92239	75051	1.43%	0.152%
28	11.763	1642	1645	1647	rVB	101551	76571	1.46%	0.155%
29	11.898	1666	1668	1675	rVB3	269641	290687	5.55%	0.590%
30	11.992	1681	1684	1686	rBV	98335	94191	1.80%	0.191%
31	12.069	1694	1697	1702	rVB	84681	73447	1.40%	0.149%
32	12.445	1759	1761	1763	rBV	242632	233248	4.45%	0.473%
33	12.469	1763	1765	1767	rVB2	347412	264630	5.05%	0.537%
34	12.551	1777	1779	1782	rBV	69253	64088	1.22%	0.130%

LSC Area Percent Report

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Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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	12.592	1782	1786	1790	rBV	648652	569574	10.87%	1.155%
36	12.686	1799	1802	1805	rBV2	100991	119269	2.28%	0.242%
37	12.821	1819	1825	1832	rBV	578750	716466	13.67%	1.453%
38	12.963	1844	1849	1852	rBV	4760028	4760811	90.85%	9.658%
39	13.145	1878	1880	1884	rVB	72876	65581	1.25%	0.133%
40	13.527	1942	1945	1947	rBV	102498	83420	1.59%	0.169%
41	13.851	1997	2000	2007	rVB2	402800	449666	8.58%	0.912%
42	14.021	2024	2029	2031	rBV2	1499993	1646007	31.41%	3.339%
43	14.045	2031	2033	2036	rVB	293200	227376	4.34%	0.461%
44	14.174	2052	2055	2057	rBV	186750	185582	3.54%	0.376%
45	14.480	2105	2107	2114	rBV4	205540	257383	4.91%	0.522%
46	14.792	2157	2160	2164	rBV	219444	198920	3.80%	0.404%
47	15.074	2205	2208	2214	rVB	255551	438470	8.37%	0.890%
48	15.127	2214	2217	2221	rBV	255077	258092	4.92%	0.524%
49	15.439	2267	2270	2275	rVB	257936	321756	6.14%	0.653%
50	15.504	2277	2281	2289	rVB	1210499	1554658	29.67%	3.154%

Sum of corrected areas: 49293389

LSC Report - Integrated Chromatogram

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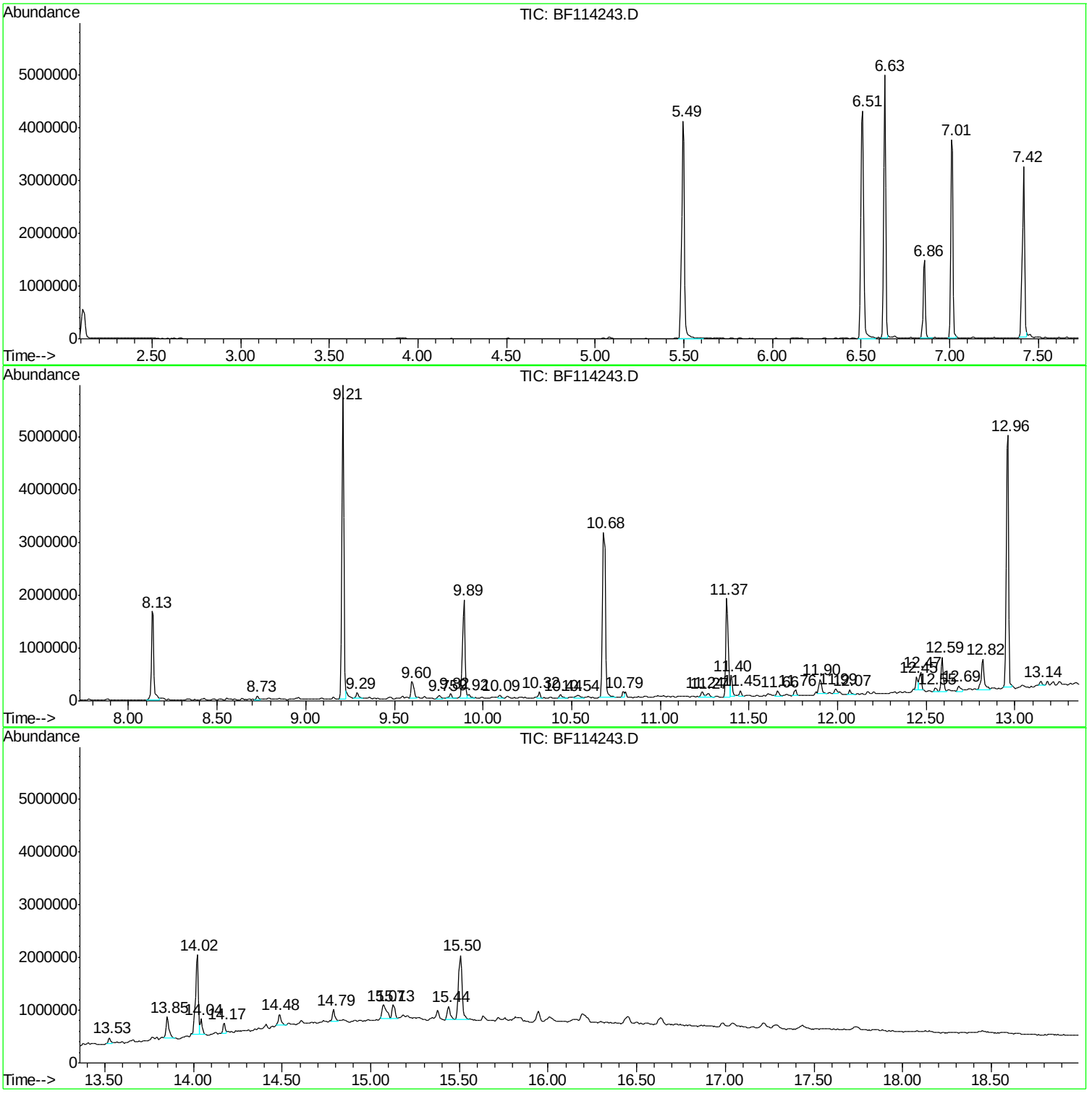
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-A

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

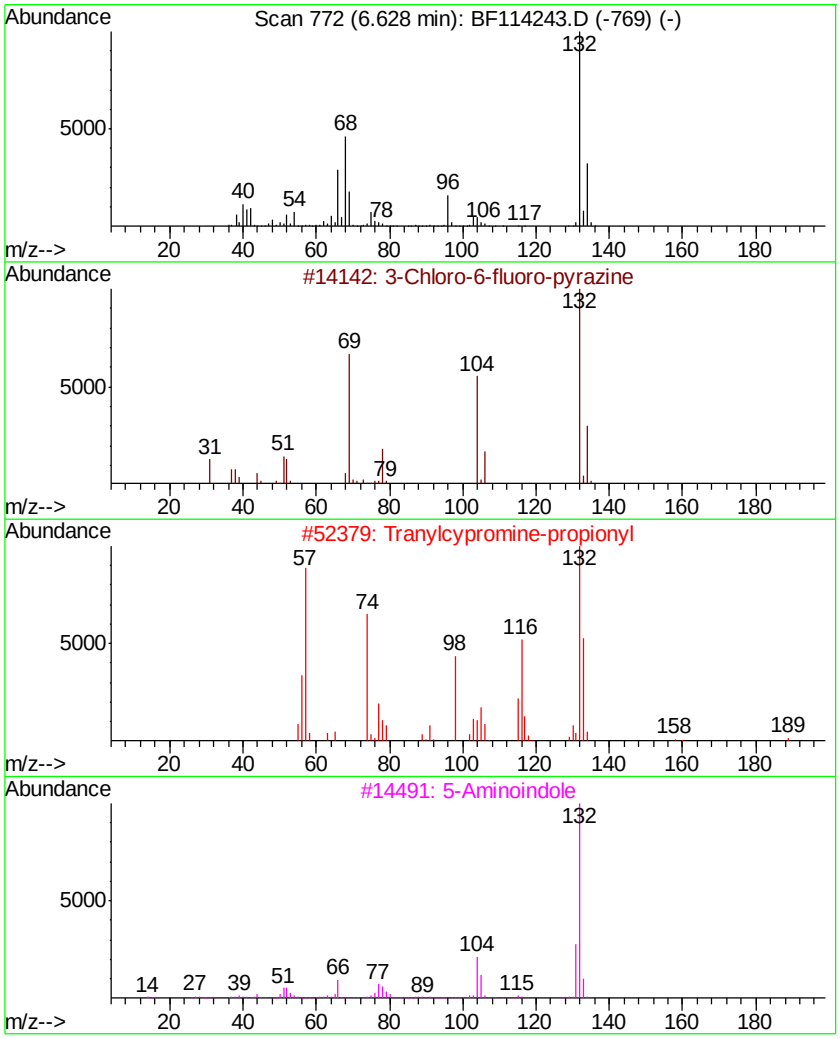
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

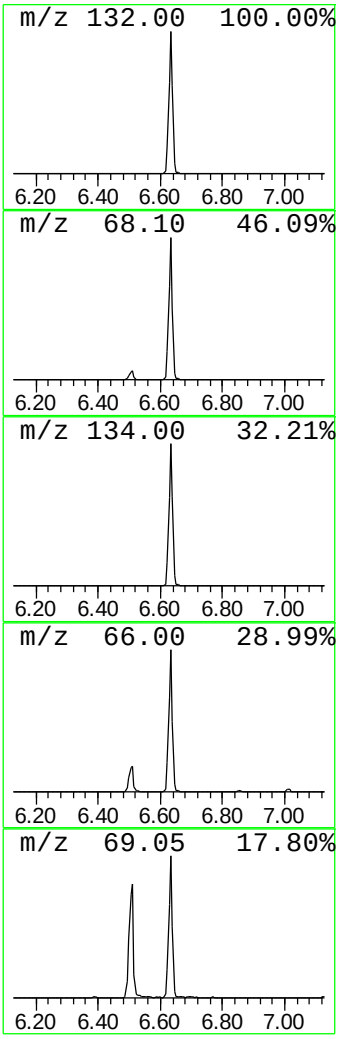
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	67.04 ng	4381850	1,4-Dichlorobenzene-d4	6.86

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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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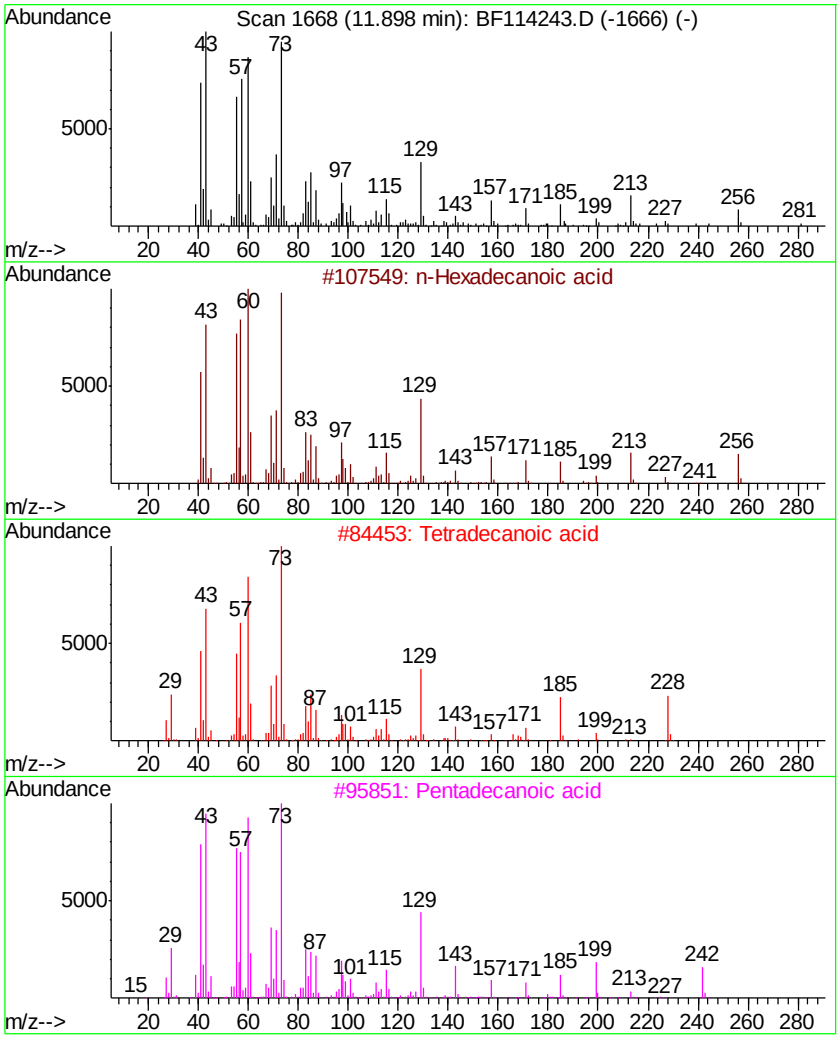
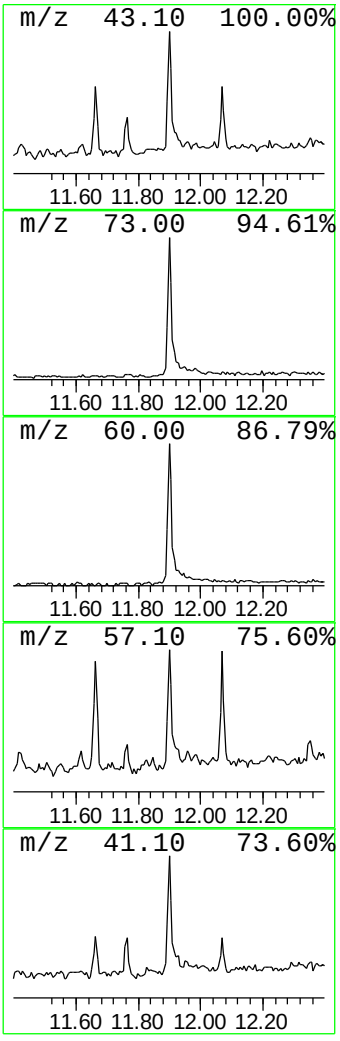
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.37 ng	290687	Phenanthrene-d10	11.37

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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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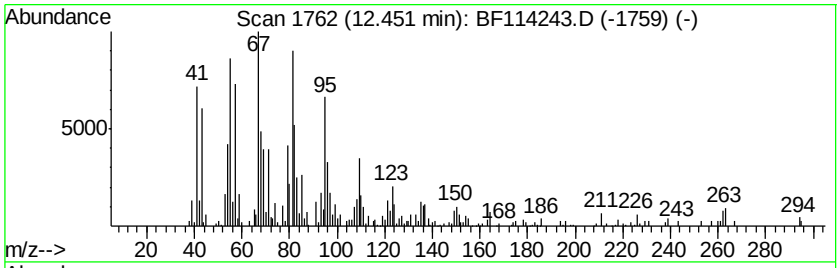
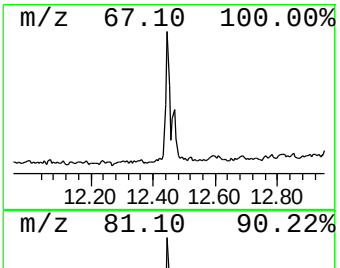
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.71 ng	233248	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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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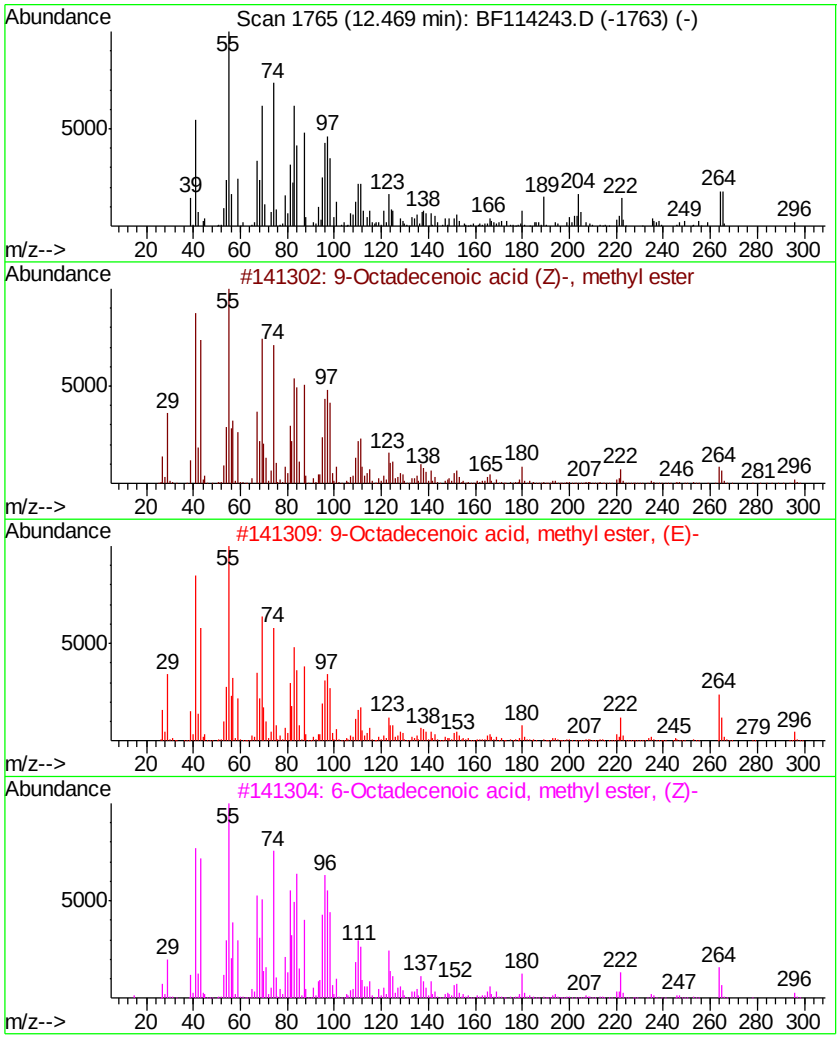
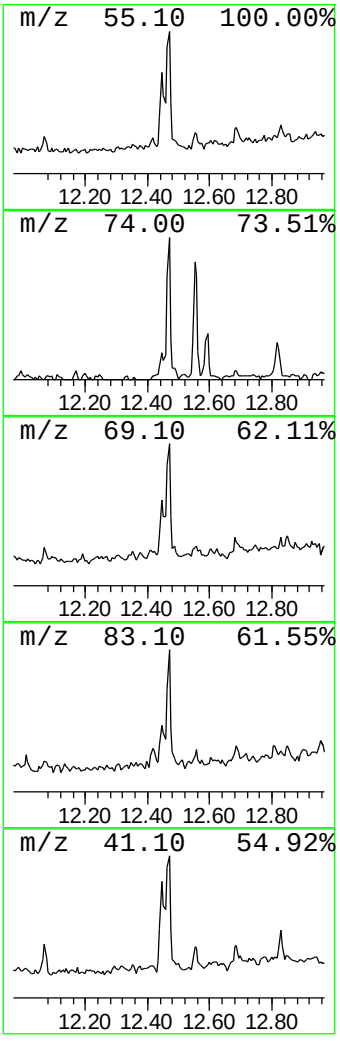
Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.07 ng	264630	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99





Library Search Compound Report

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Acq On : 13 May 2019 21:29
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-A

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

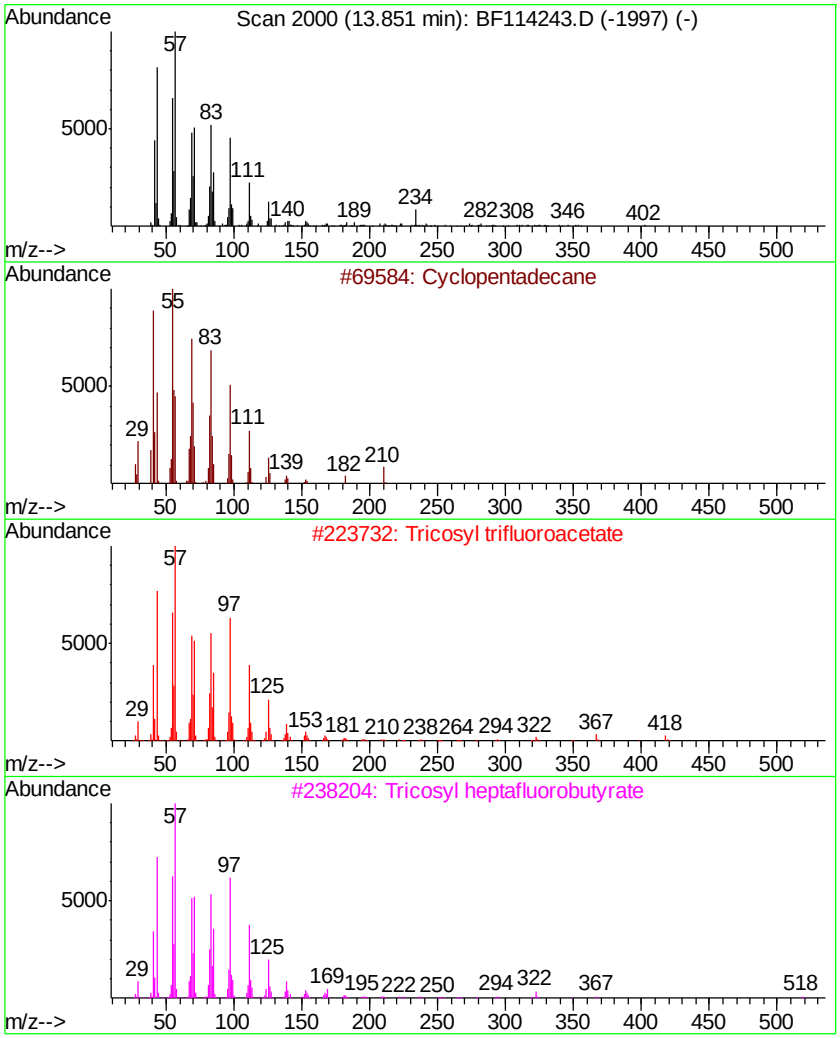
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

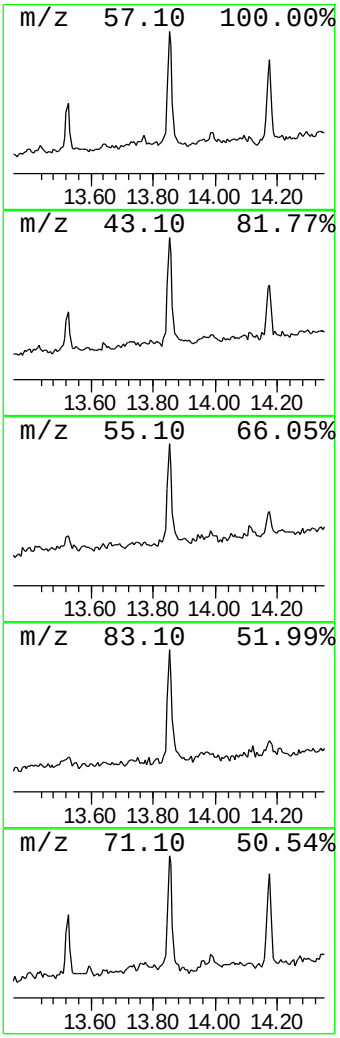
****

Peak Number 6 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.46 ng	449666	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91





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Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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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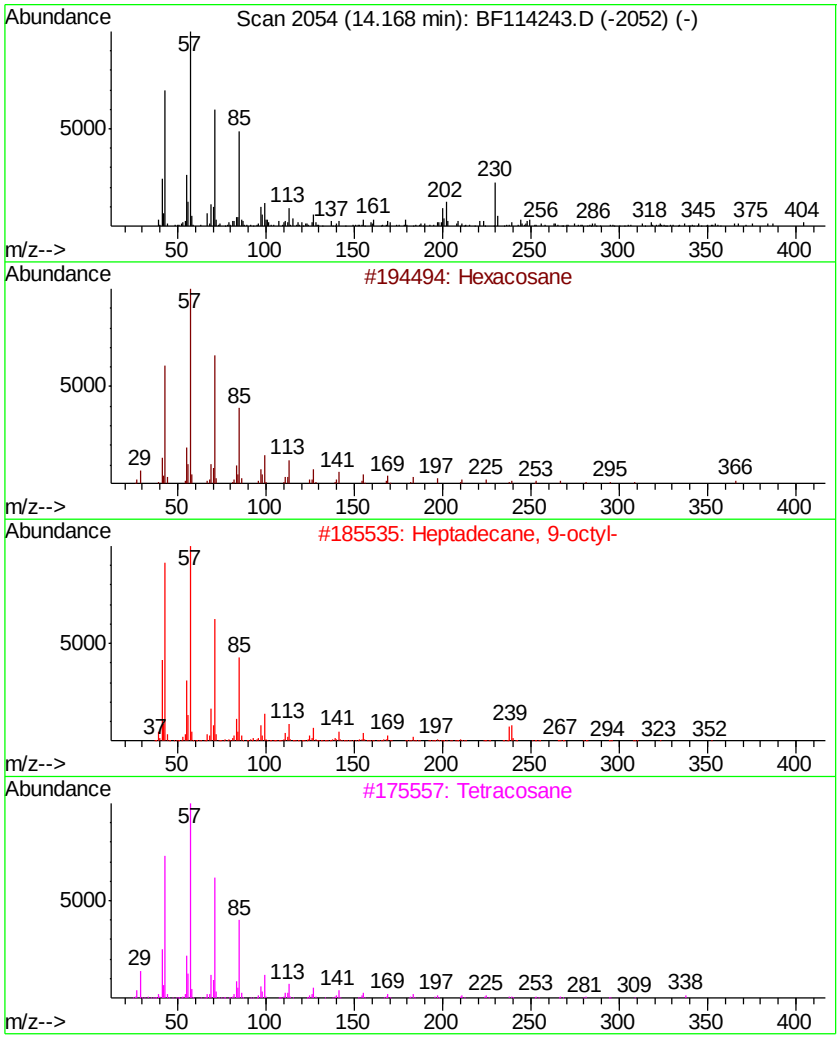
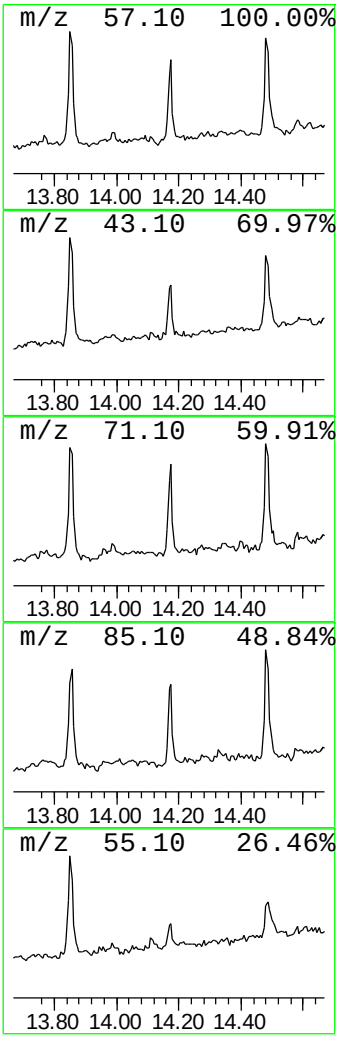
Peak Number 7 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.25 ng	185582	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Tetracosane	338	C24H50	000646-31-1	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	74





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Data File : BF114243.D
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Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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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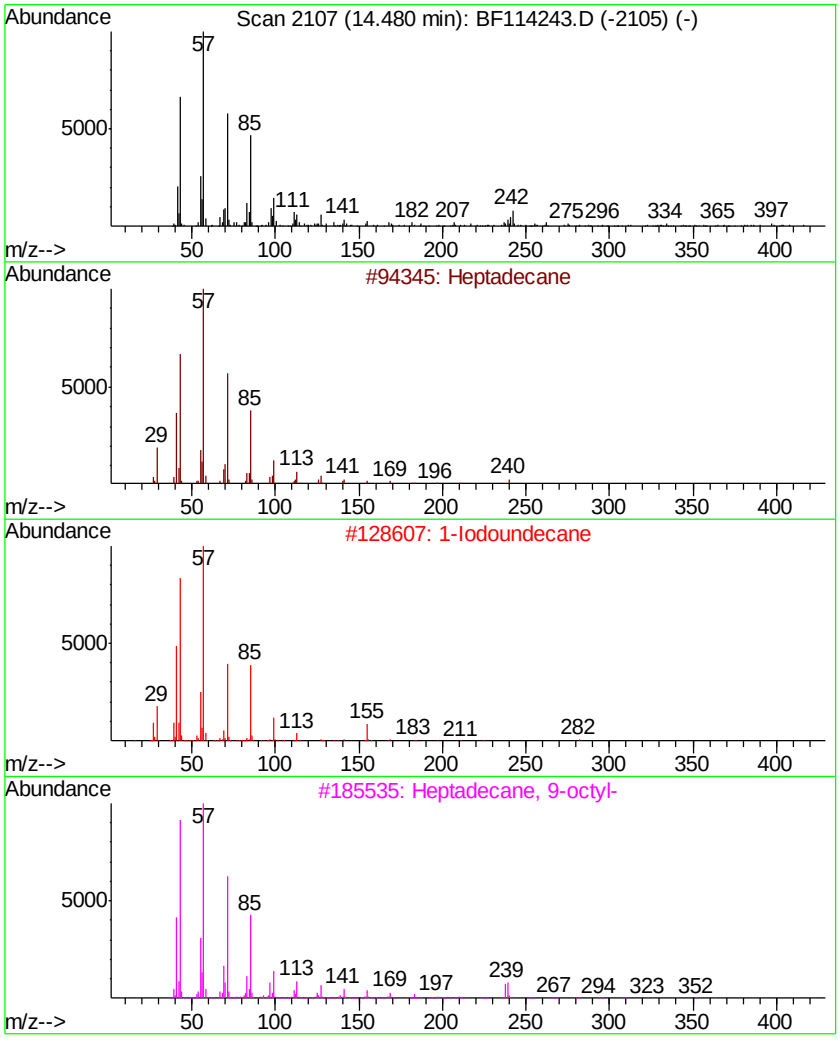
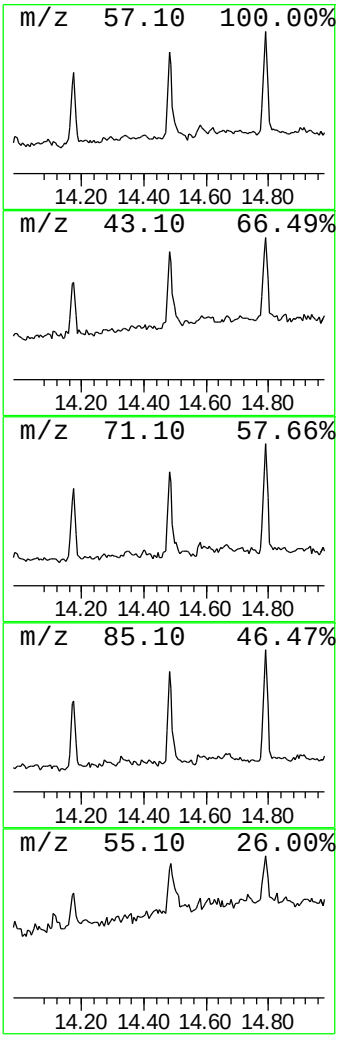
Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.13 ng	257383	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	1-Iodoundecane	282	C11H23I	004282-44-4	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

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Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-A

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

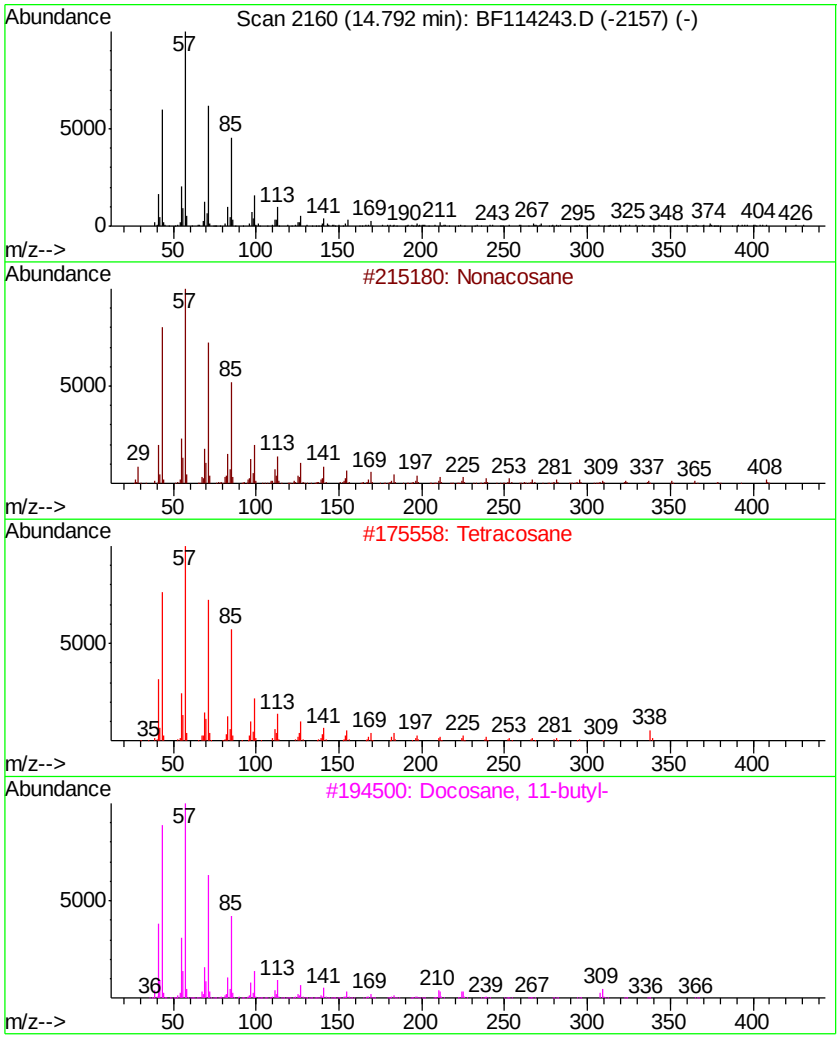
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

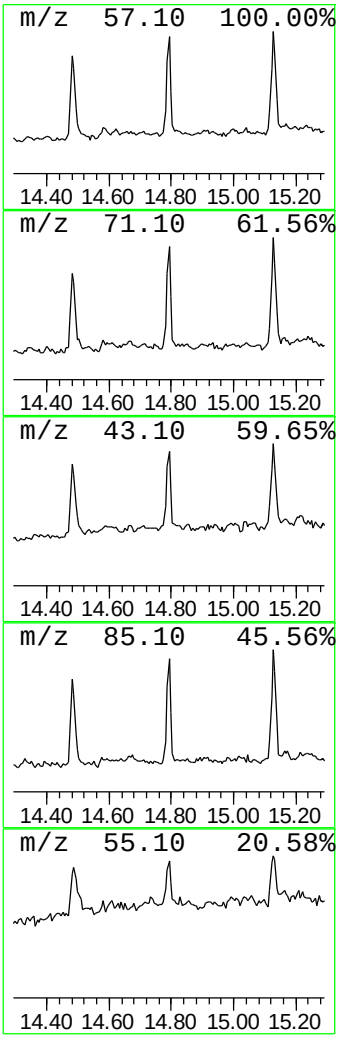
****

Peak Number 9 Nonacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.56 ng	198920	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-A

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

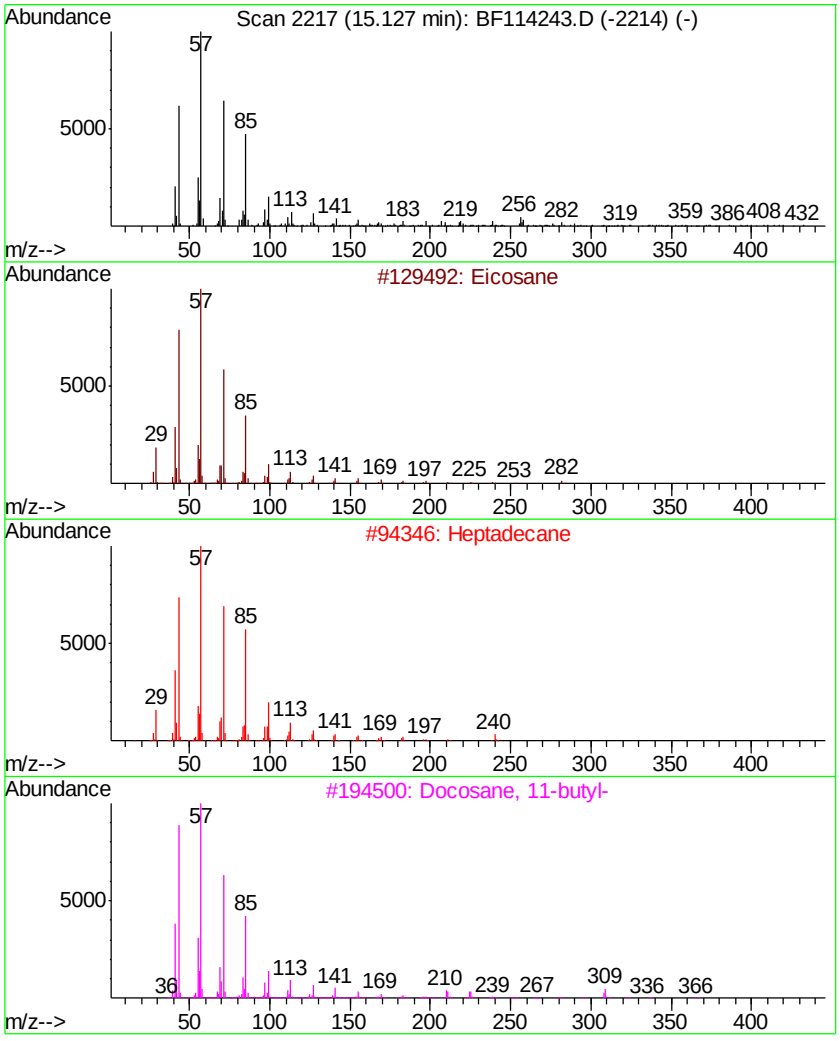
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

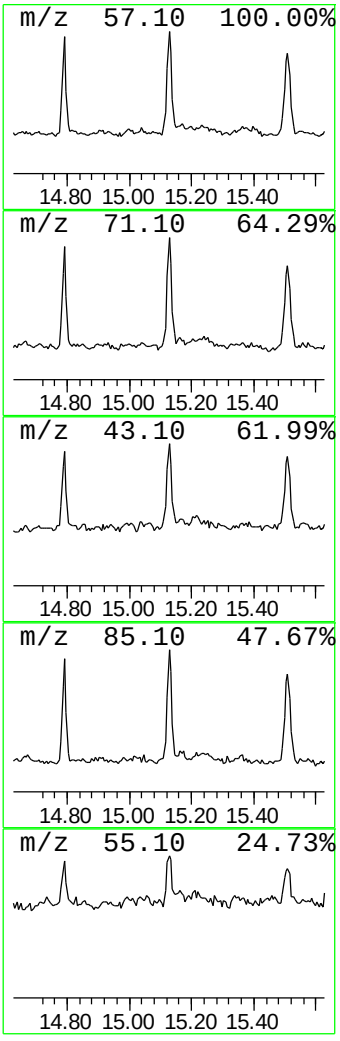
****

Peak Number 10 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.32 ng	258092	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-039-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
unknown6.63	6.63	67.0	ng	4381850	1	6.86	1307210	20.0
n-Hexadecanoic acid	11.90	3.4	ng	290687	4	11.37	1724360	20.0
9,12-Octadecadien...	12.45	2.7	ng	233248	4	11.37	1724360	20.0
9-Octadecenoic ac...	12.47	3.1	ng	264630	4	11.37	1724360	20.0
Cyclopentadecane	13.85	5.5	ng	449666	5	14.02	1646010	20.0
Hexacosane	14.17	2.3	ng	185582	5	14.02	1646010	20.0
Heptadecane	14.48	3.1	ng	257383	5	14.02	1646010	20.0
Nonacosane	14.79	2.6	ng	198920	6	15.50	1554660	20.0
Eicosane	15.13	3.3	ng	258092	6	15.50	1554660	20.0