LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-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-BF121418.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	4.987	489	493	499	rBV	124037	140368	4.49%	0.450%
2	5.416	562	566	583	rVB	2337445	2186644	69.93%	7.015%
3	5.657	601	607	611	rVB2	41701	42533	1.36%	0.136%
4	6.434	735	739	749	rBV	3464293	3126793	100.00%	10.031%
5	6.563	757	761	765	rBV	3167766	2887865	92.36%	9.265%
6	6.639	772	774	776	rVB	51113	38202	1.22%	0.123%
7	6.792	797	800	804	rBV	1854502	1466516	46.90%	4.705%
8	6.857	808	811	816	rBV3	39710	41205	1.32%	0.132%
9	6.951	823	827	830	rBV	2745977	2273751	72.72%	7.295%
10	7.075	845	848	851	rVB3	33957	39649	1.27%	0.127%
11	7.192	864	868	872	rBV2	44725	43290	1.38%	0.139%
12	7.351	888	895	898	rBV	2131753	1788939	57.21%	5.739%
13	7.398	901	903	907	rVV	95556	83737	2.68%	0.269%
14	7.439	907	910	915	rVB6	30287	45357	1.45%	0.146%
15	7.569	927	932	934	rBV	33623	38199	1.22%	0.123%
16	8.075	1014	1018	1025	rBV	2142998	1970308	63.01%	6.321%
17	8.375	1062	1069	1072	rBV7	31694	53415	1.71%	0.171%
18	8.504	1088	1091	1093	rBV	57992	51112	1.63%	0.164%
19	8.580	1101	1104	1107	rBV2	44738	45251	1.45%	0.145%
20	8.675	1117	1120	1124	rBV	134312	114868	3.67%	0.369%
21	8.775	1133	1137	1144	rVB2	49772	76172	2.44%	0.244%
22	9.104	1190	1193	1197	rVB2	72781	69067	2.21%	0.222%
23	9.151	1197	1201	1207	rBV	3486458	2868537	91.74%	9.203%
24	9.239	1213	1216	1220	rVB2	151089	139638	4.47%	0.448%
25	9.492	1256	1259	1261	rBV2	64205	53742	1.72%	0.172%
26	9.545	1265	1268	1270	rBV	158238	165069	5.28%	0.530%
27	9.616	1276	1280	1283	rVB4	28829	38287	1.22%	0.123%
28	9.692	1290	1293	1298	rBV	31919	50886	1.63%	0.163%
29	9.745	1298	1302	1304	rVV2	39571	40699	1.30%	0.131%
30	9.769	1304	1306	1311	rVB2	119298	110562	3.54%	0.355%
31	9.827	1313	1316	1320	rVV	1365764	1306777	41.79%	4.192%
32	9.863	1320	1322	1326	rVB2	42387	42139	1.35%	0.135%
33	10.033	1348	1351	1354	rVB2	54655	52146	1.67%	0.167%
34	10.092	1356	1361	1365	rVB5	27920	36256	1.16%	0.116%

LSC Area Percent Report

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Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.269	1388	1391	1393	rVB	130472	104454	3.34%	0.335%
36	10.374	1406	1409	1412	rBV	59458	43909	1.40%	0.141%
37	10.486	1425	1428	1433	rVB	58979	70908	2.27%	0.227%
38	10.616	1446	1450	1455	rBV	1016258	915191	29.27%	2.936%
39	10.739	1469	1471	1481	rVB2	146630	193516	6.19%	0.621%
40	11.186	1545	1547	1550	rBV	105754	93917	3.00%	0.301%
41	11.221	1550	1553	1558	rVB2	68254	81654	2.61%	0.262%
42	11.310	1565	1568	1571	rBV	1139337	1117752	35.75%	3.586%
43	11.333	1571	1572	1576	rVV	333858	263852	8.44%	0.846%
44	11.386	1578	1581	1585	rVB	71476	69946	2.24%	0.224%
45	11.616	1617	1620	1623	rBV	96288	74069	2.37%	0.238%
46	11.710	1634	1636	1639	rBV	48162	42831	1.37%	0.137%
47	11.816	1651	1654	1656	rBV	42344	45719	1.46%	0.147%
48	11.845	1656	1659	1662	rVV	130409	120403	3.85%	0.386%
49	11.927	1670	1673	1675	rBV	65129	61795	1.98%	0.198%
50	12.021	1686	1689	1692	rBV	114606	91398	2.92%	0.293%
51	12.245	1724	1727	1728	rBV3	36456	38548	1.23%	0.124%
52	12.363	1744	1747	1750	rBV	68884	74965	2.40%	0.241%
53	12.398	1750	1753	1754	rVV3	157153	150773	4.82%	0.484%
54	12.416	1754	1756	1759	rVB3	261441	237508	7.60%	0.762%
55	12.521	1771	1774	1777	rVB	461570	392126	12.54%	1.258%
56	12.627	1789	1792	1795	rBV4	60089	80029	2.56%	0.257%
57	12.751	1809	1813	1816	rBV	443278	413692	13.23%	1.327%
58	12.780	1816	1818	1821	rVB	118649	96505	3.09%	0.310%
59	12.898	1834	1838	1846	rVB	2239708	1966325	62.89%	6.308%
60	13.080	1867	1869	1872	rVB	91958	84099	2.69%	0.270%
61	13.139	1876	1879	1883	rVB3	137878	146284	4.68%	0.469%
62	13.480	1935	1937	1940	rBV	132563	101549	3.25%	0.326%
63	13.810	1990	1993	1996	rBV2	169499	165756	5.30%	0.532%
64	13.951	2013	2017	2020	rBV2	1385778	1430195	45.74%	4.588%
65	14.427	2096	2098	2101	rBV	207925	187464	6.00%	0.601%
66	15.392	2259	2262	2265	rBV	612983	685004	21.91%	2.198%

Sum of corrected areas: 31170115

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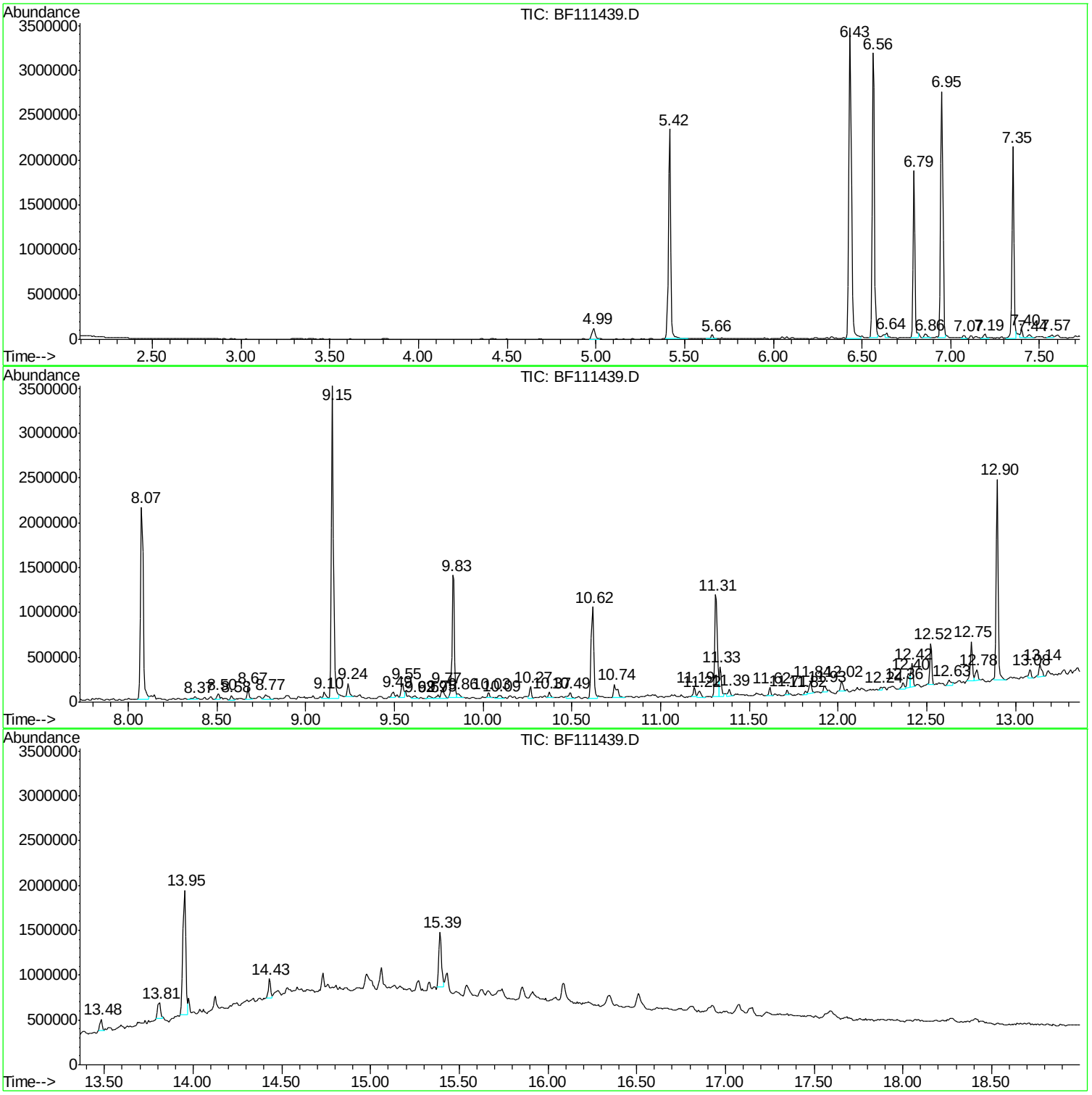
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
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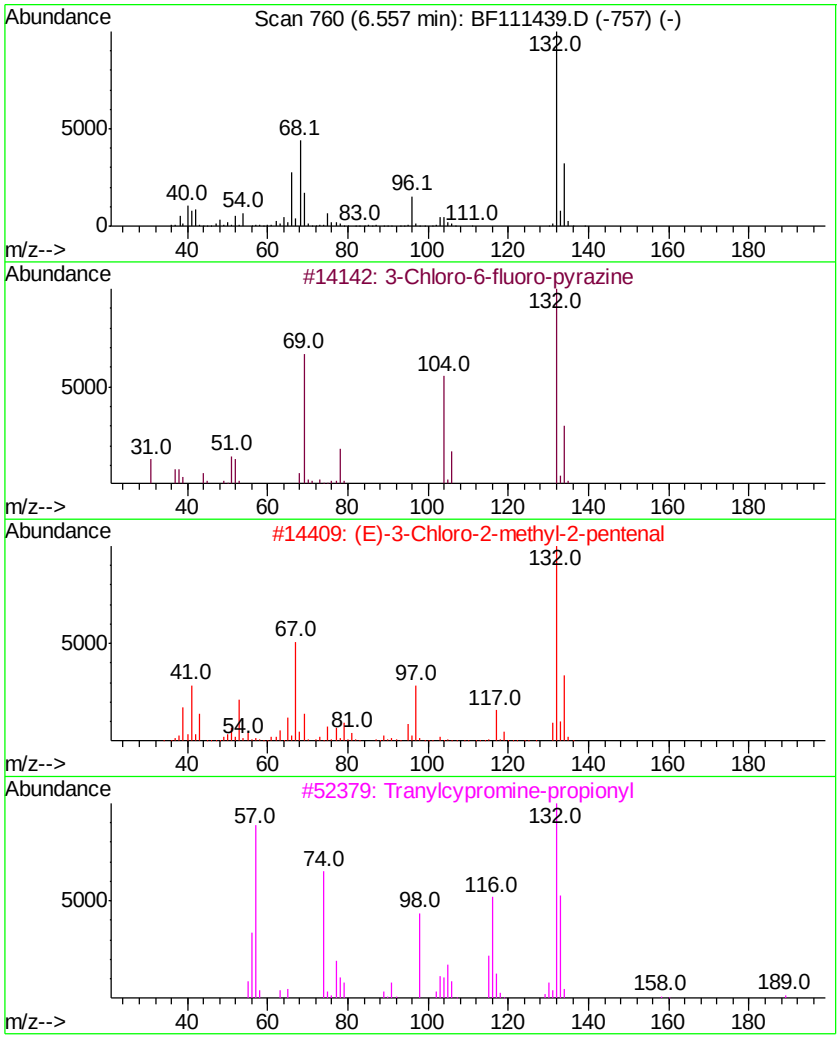
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

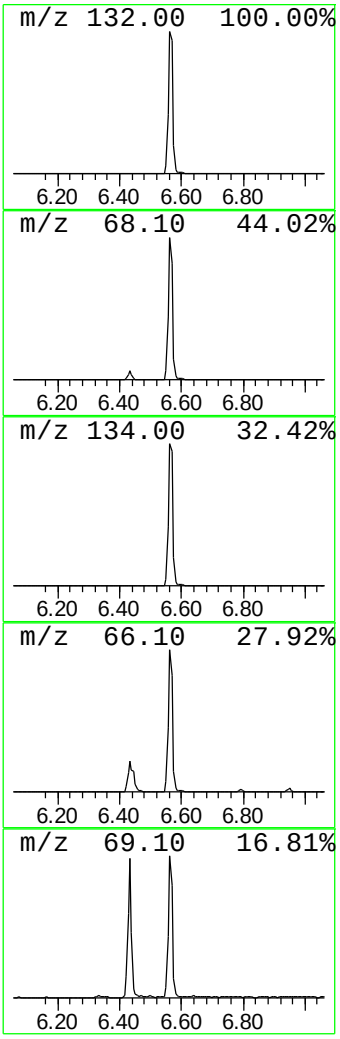
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	39.38 ng	2887870	1,4-Dichlorobenzene-d4	6.79

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

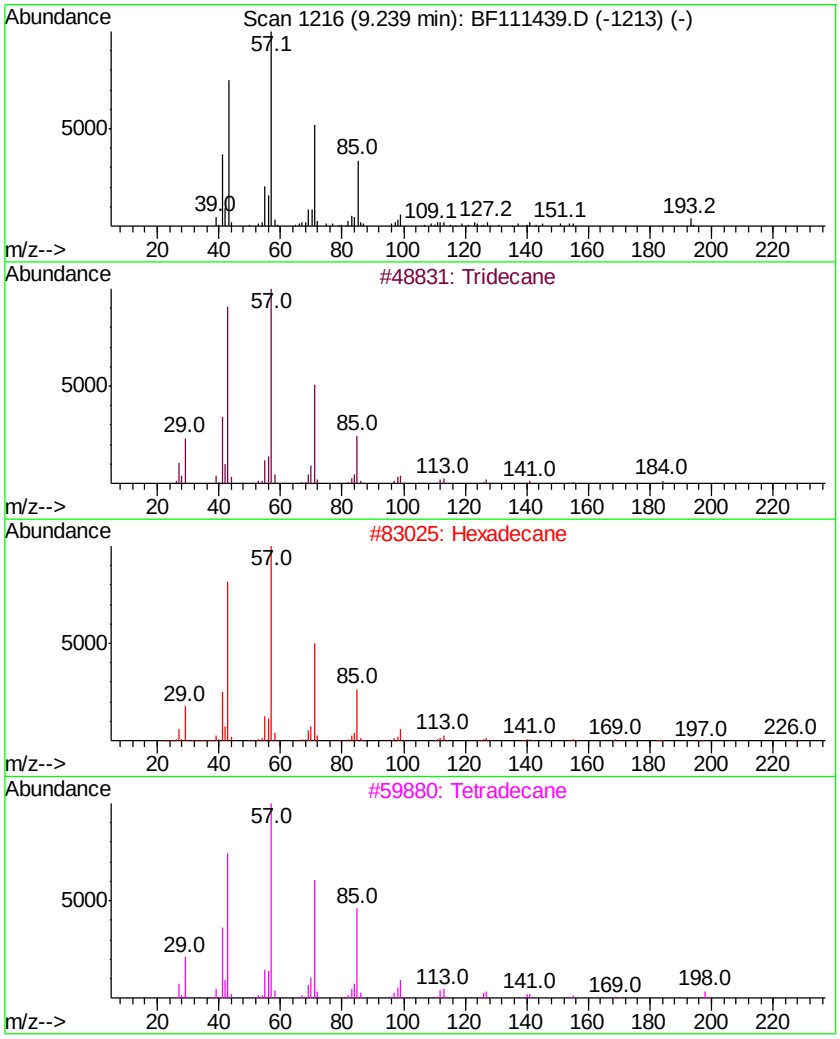
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

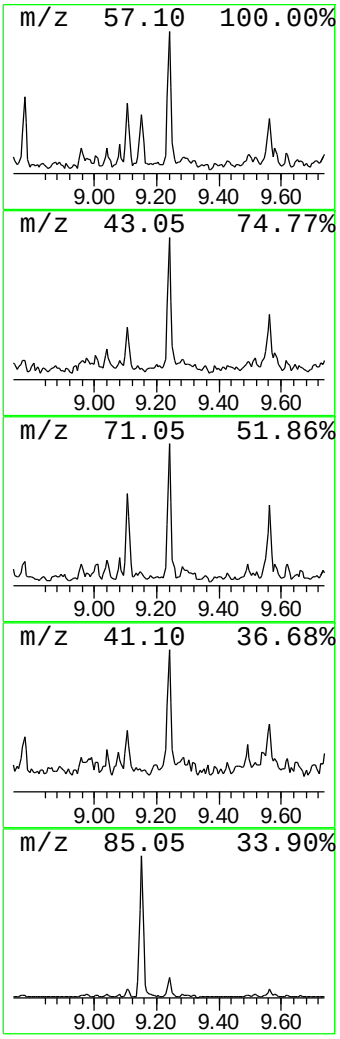
****

Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.14 ng	139638	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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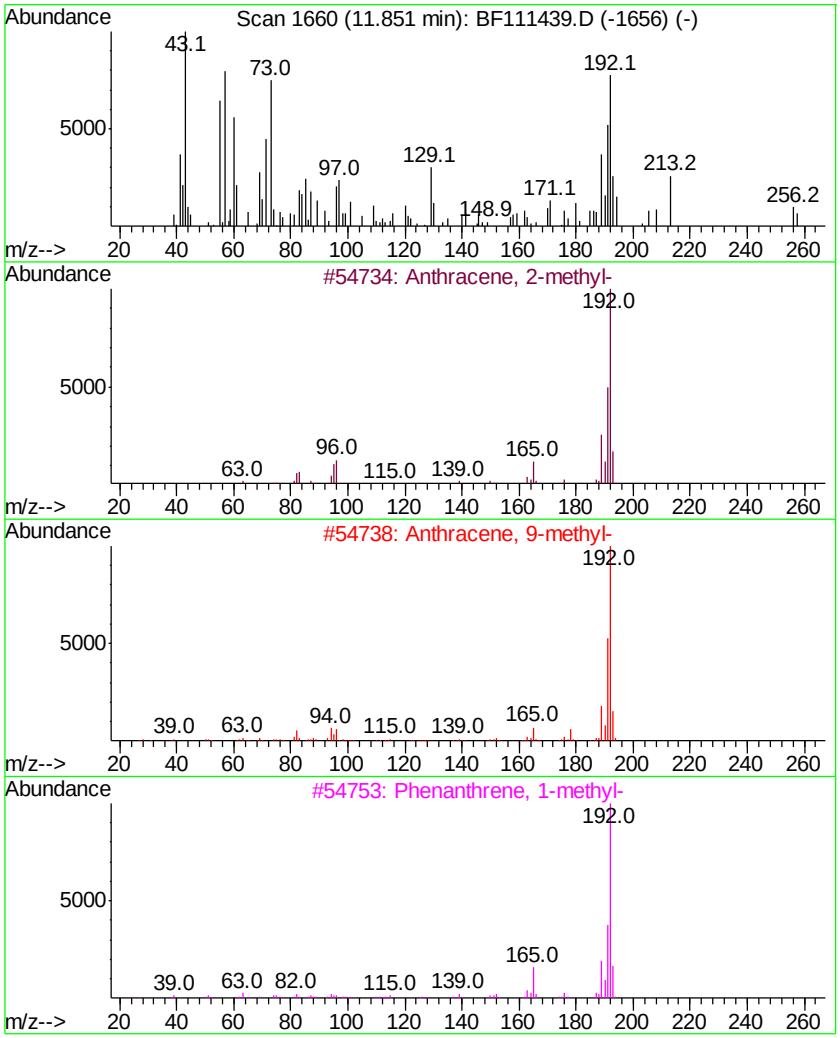
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

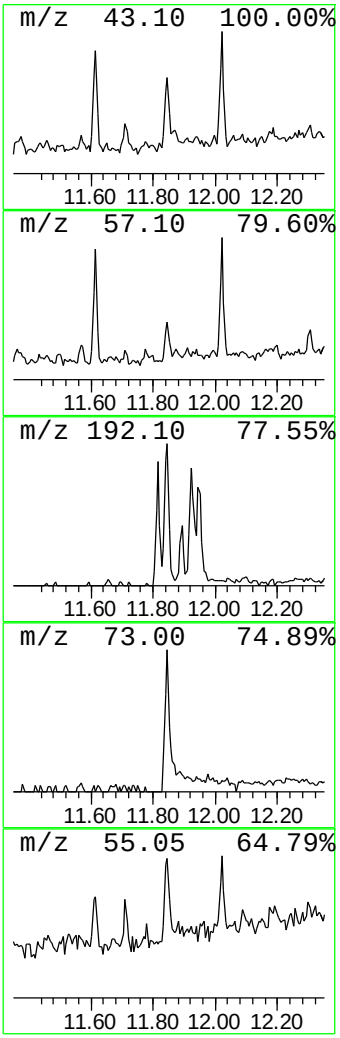
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.15 ng	120403	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	60
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

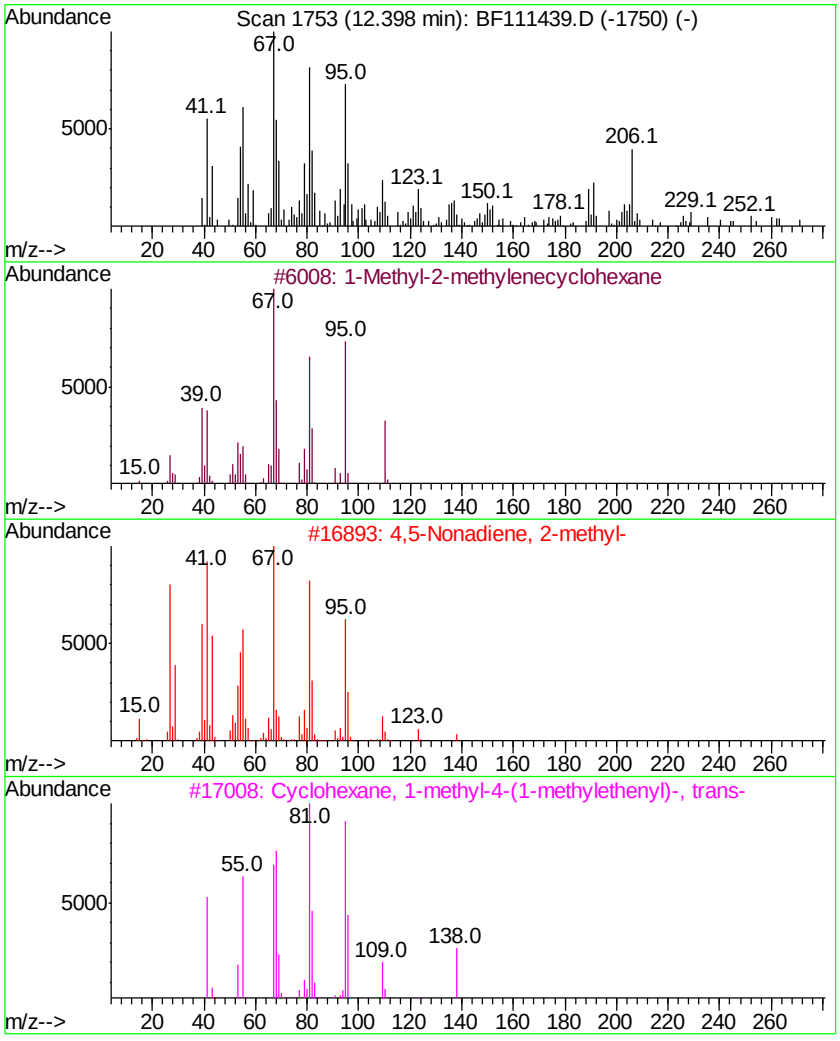
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

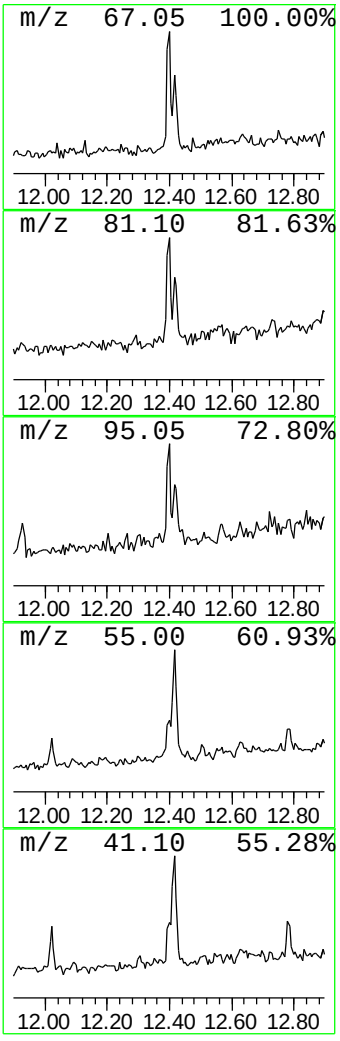
****

Peak Number 6 1-Methyl-2-methylenecyclohe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.70 ng	150773	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	64
2	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	62
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60
4	9-Octadecyne	250	C18H34	035365-59-4	52
5	6,11-Undecadiene, 1-acetoxy-3,7-...	252	C16H28O2	1000150-66-0	50





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Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

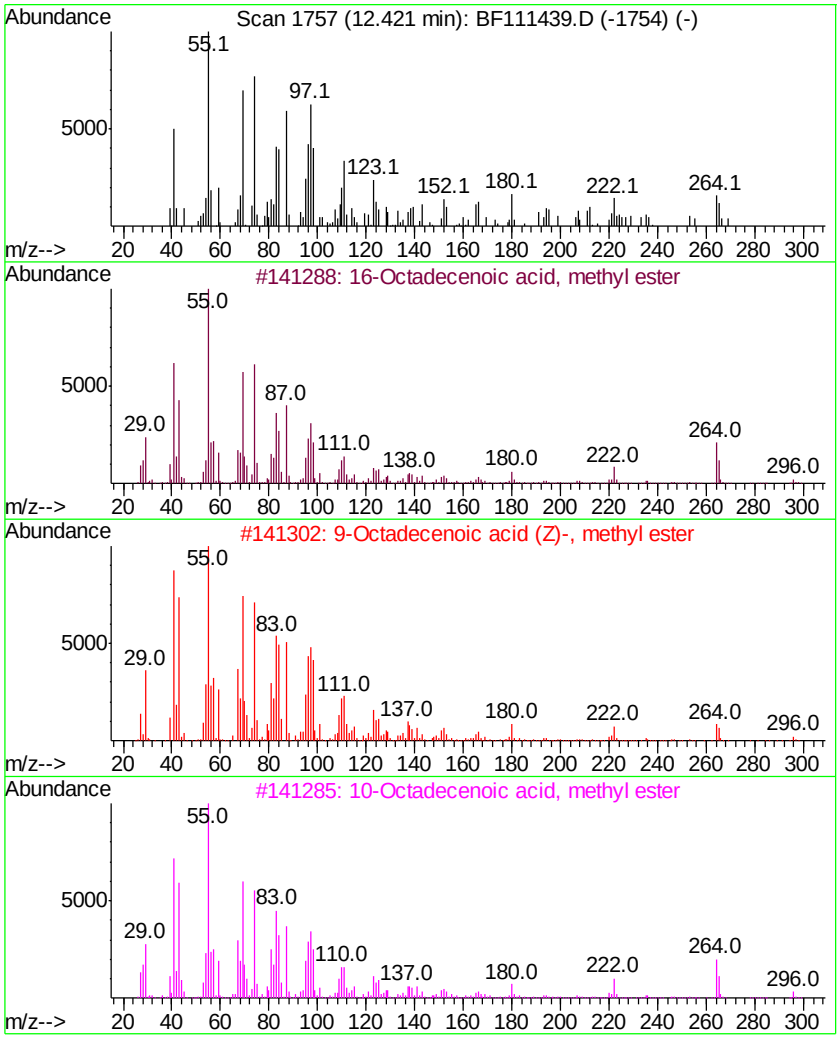
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

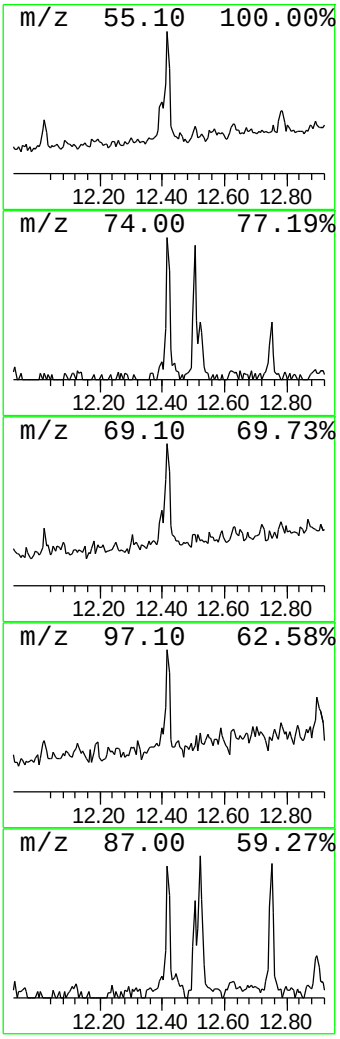
****

Peak Number 7 16-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.25 ng	237508	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	87
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	86
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	72
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	72
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	72





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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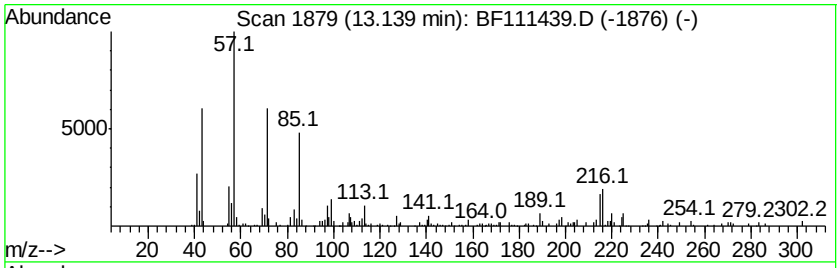
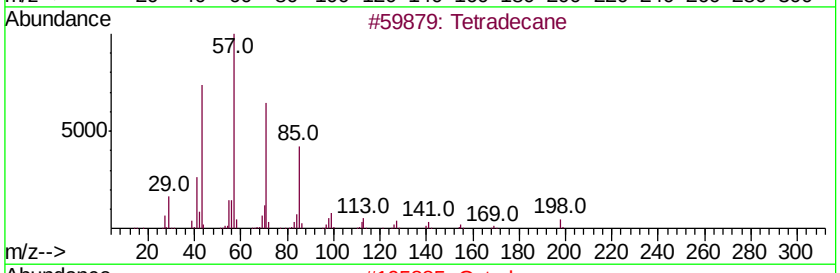
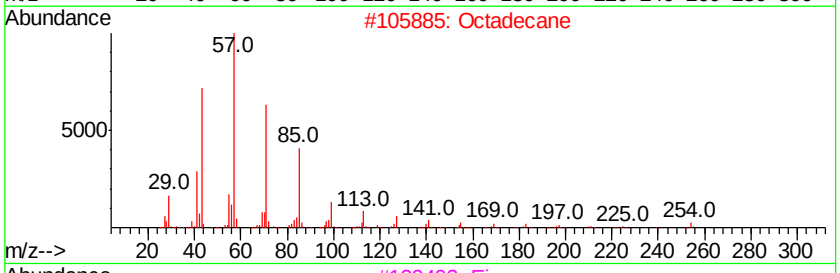
Peak Number 8 Tetradecane Concentration Rank 10

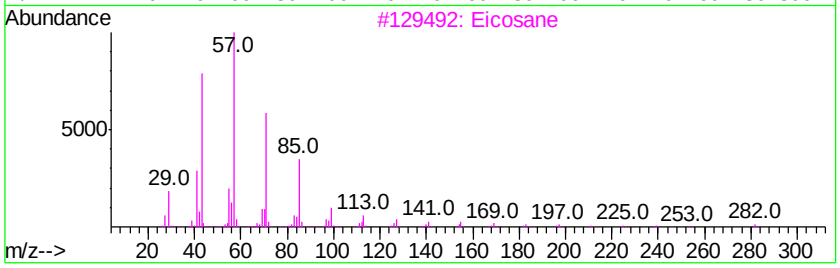
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.05 ng	146284	Chrysene-d12	13.95

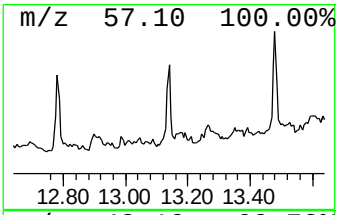
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Octadecane	254	C18H38	000593-45-3	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5	Pentadecane	212	C15H32	000629-62-9	52

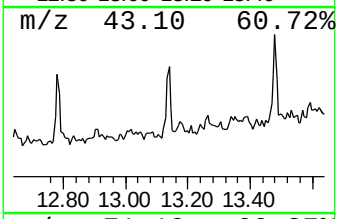


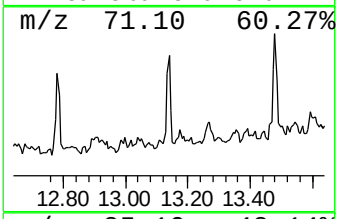


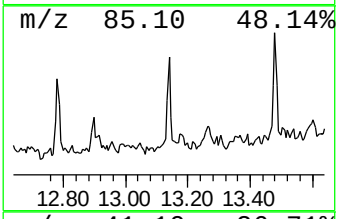


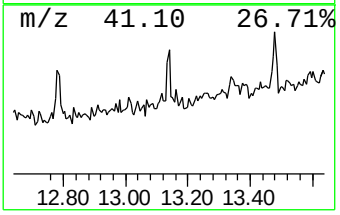












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

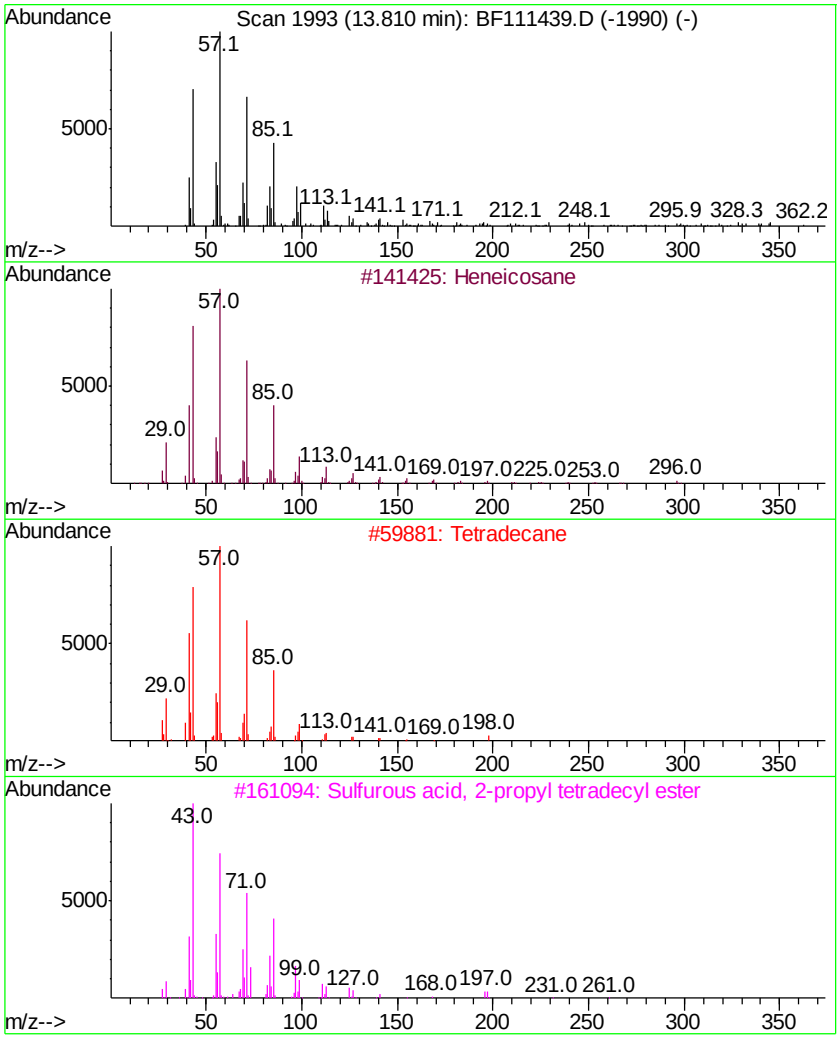
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

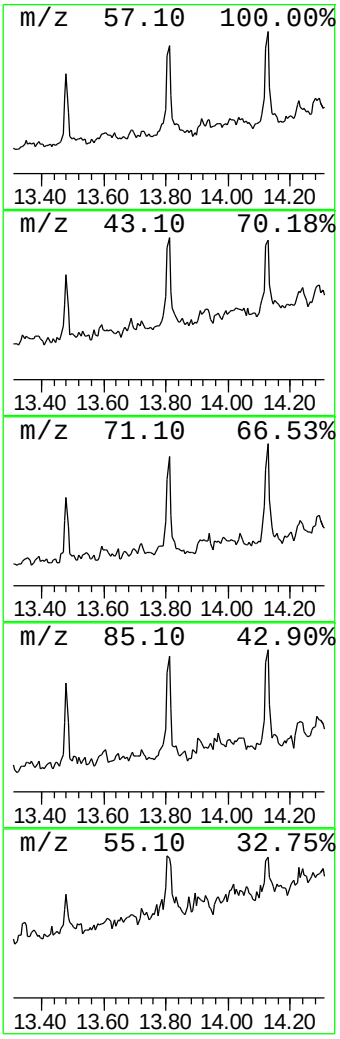
****

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.32 ng	165756	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetradecane	198	C14H30	000629-59-4	93
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Docosane, 9-octyl-	422	C30H62	055319-83-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

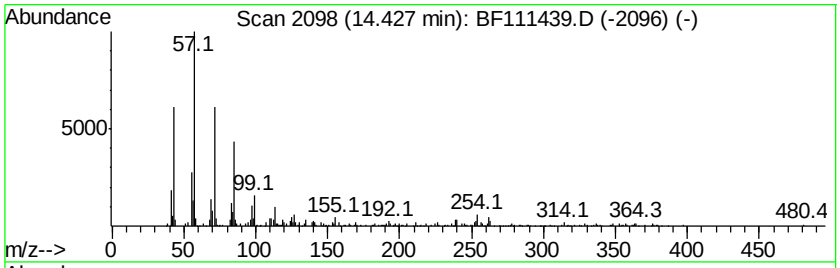
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

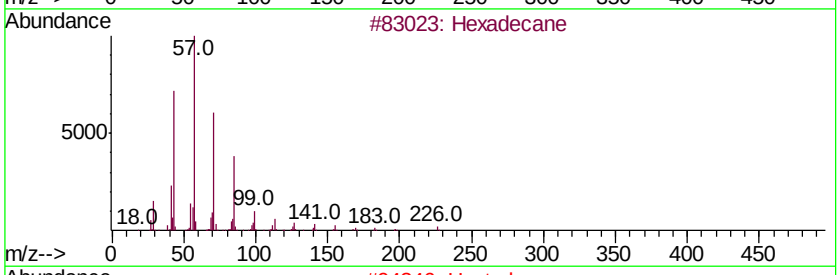
****

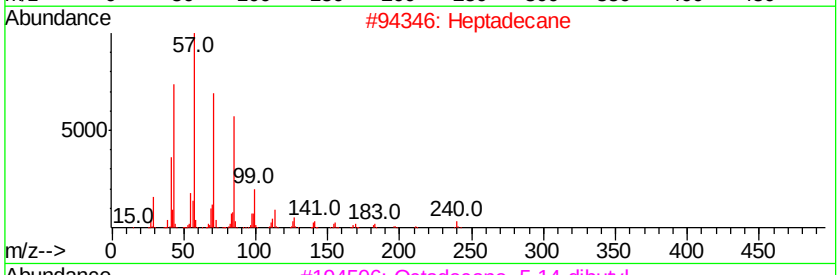
Peak Number 10 Hexadecane Concentration Rank 6

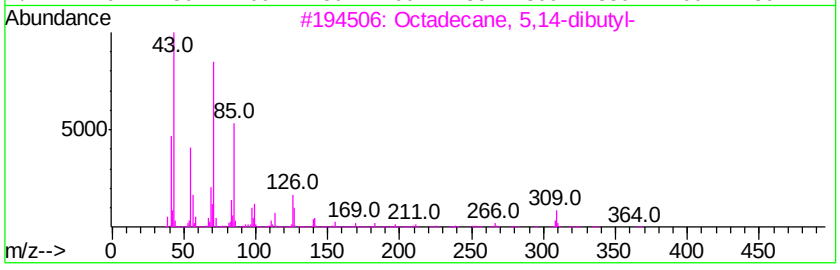
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.62 ng	187464	Chrysene-d12	13.95

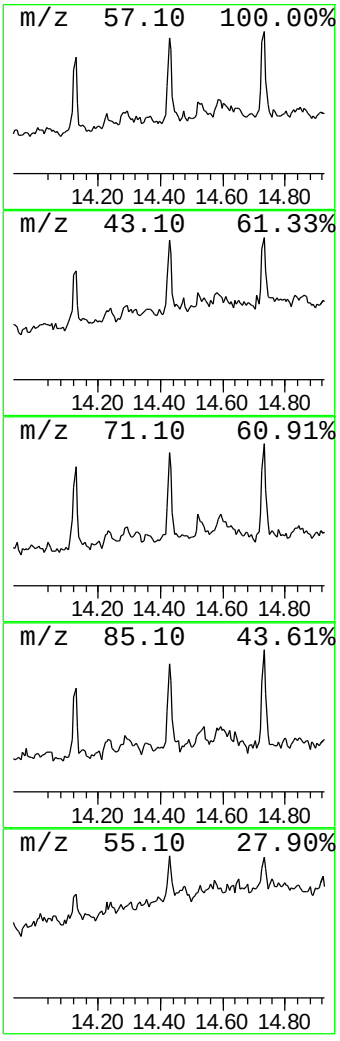
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
4	Octadecane	254	C18H38	000593-45-3	91
5	Pentacosane	352	C25H52	000629-99-2	87











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111439.D
Acq On : 15 Dec 2018 00:40
Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-029-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
unknown6.56	6.56	39.4	ng	2887870	1	6.79	1466520	20.0
Tridecane	9.24	2.1	ng	139638	3	9.83	1306780	20.0
Anthracene, 2-met...	11.85	2.1	ng	120403	4	11.31	1117750	20.0
1-Methyl-2-methyl...	12.40	2.7	ng	150773	4	11.31	1117750	20.0
16-Octadecenoic a...	12.42	4.3	ng	237508	4	11.31	1117750	20.0
Tetradecane	13.14	2.0	ng	146284	5	13.95	1430200	20.0
Heneicosane	13.81	2.3	ng	165756	5	13.95	1430200	20.0
Hexadecane	14.43	2.6	ng	187464	5	13.95	1430200	20.0