LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-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-BF070519.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	2.128	3	7	22	rVB	260773	373631	29.53%	2.686%
2	3.963	313	319	326	rBV	196430	255789	20.22%	1.839%
3	5.498	577	580	592	rBV	439949	454277	35.91%	3.266%
4	6.510	748	752	768	rBV	576115	505953	39.99%	3.638%
5	6.657	774	777	781	rBV	623210	517971	40.94%	3.724%
6	6.892	814	817	821	rBV	1004466	851477	67.30%	6.122%
7	7.051	840	844	847	rBV	518101	405035	32.01%	2.912%
8	7.445	908	911	918	rBV	331502	285752	22.59%	2.054%
9	8.175	1032	1035	1039	rBV	1281801	1116848	88.28%	8.030%
10	9.251	1214	1218	1224	rBV	784238	620666	49.06%	4.462%
11	9.339	1230	1233	1237	rVB2	24100	21380	1.69%	0.154%
12	9.645	1282	1285	1290	rBV	72327	95178	7.52%	0.684%
13	9.716	1294	1297	1300	rVB4	14025	14868	1.18%	0.107%
14	9.869	1315	1323	1325	rBV	44733	46040	3.64%	0.331%
15	9.933	1330	1334	1345	rVV	1465411	1265167	100.00%	9.096%
16	10.192	1374	1378	1382	rBV6	14281	17498	1.38%	0.126%
17	10.369	1405	1408	1410	rVB	64145	52421	4.14%	0.377%
18	10.592	1440	1446	1450	rBV	42396	56539	4.47%	0.406%
19	10.675	1457	1460	1463	rBV4	12006	15428	1.22%	0.111%
20	10.716	1463	1467	1472	rBV	340063	329228	26.02%	2.367%
21	10.839	1485	1488	1490	rBV	91999	92979	7.35%	0.668%
22	11.063	1523	1526	1530	rVB4	14372	20289	1.60%	0.146%
23	11.286	1562	1564	1567	rBV	90518	79967	6.32%	0.575%
24	11.322	1567	1570	1575	rVB2	64779	67808	5.36%	0.488%
25	11.416	1583	1586	1589	rBV	1261481	1189438	94.01%	8.552%
26	11.716	1634	1637	1640	rVB	93148	69951	5.53%	0.503%
27	11.810	1650	1653	1656	rBV	137134	117321	9.27%	0.843%
28	11.939	1673	1675	1679	rVB2	43159	45550	3.60%	0.327%
29	12.033	1688	1691	1693	rVB4	19428	19800	1.57%	0.142%
30	12.057	1693	1695	1700	rVB4	15972	16127	1.27%	0.116%
31	12.121	1704	1706	1709	rBV	92163	66663	5.27%	0.479%
32	12.469	1762	1765	1767	rBV	31663	30735	2.43%	0.221%
33	12.498	1767	1770	1772	rVV	574955	543744	42.98%	3.909%
34	12.521	1772	1774	1783	rVB2	645163	578925	45.76%	4.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.604	1785	1788	1790	rVV	66166	53601	4.24%	0.385%
36	12.627	1790	1792	1795	rVB	71549	64100	5.07%	0.461%
37	12.727	1806	1809	1811	rBV3	27928	31224	2.47%	0.224%
38	12.857	1828	1831	1833	rBV	79993	73050	5.77%	0.525%
39	12.880	1833	1835	1838	rVB	70231	60700	4.80%	0.436%
40	12.998	1852	1855	1864	rVB	687355	613319	48.48%	4.410%
41	13.239	1893	1896	1901	rVB2	66299	70712	5.59%	0.508%
42	13.580	1952	1954	1958	rBV	56323	49881	3.94%	0.359%
43	13.910	2007	2010	2019	rVB2	97073	136440	10.78%	0.981%
44	14.057	2031	2035	2038	rBV	1259027	1180887	93.34%	8.490%
45	14.839	2166	2168	2172	rBV	106236	115902	9.16%	0.833%
46	15.186	2225	2227	2235	rVB	129742	142584	11.27%	1.025%
47	15.539	2283	2287	2291	rBV	708390	858961	67.89%	6.176%
48	15.580	2291	2294	2300	rVB	166730	217040	17.16%	1.560%

Sum of corrected areas: 13908844

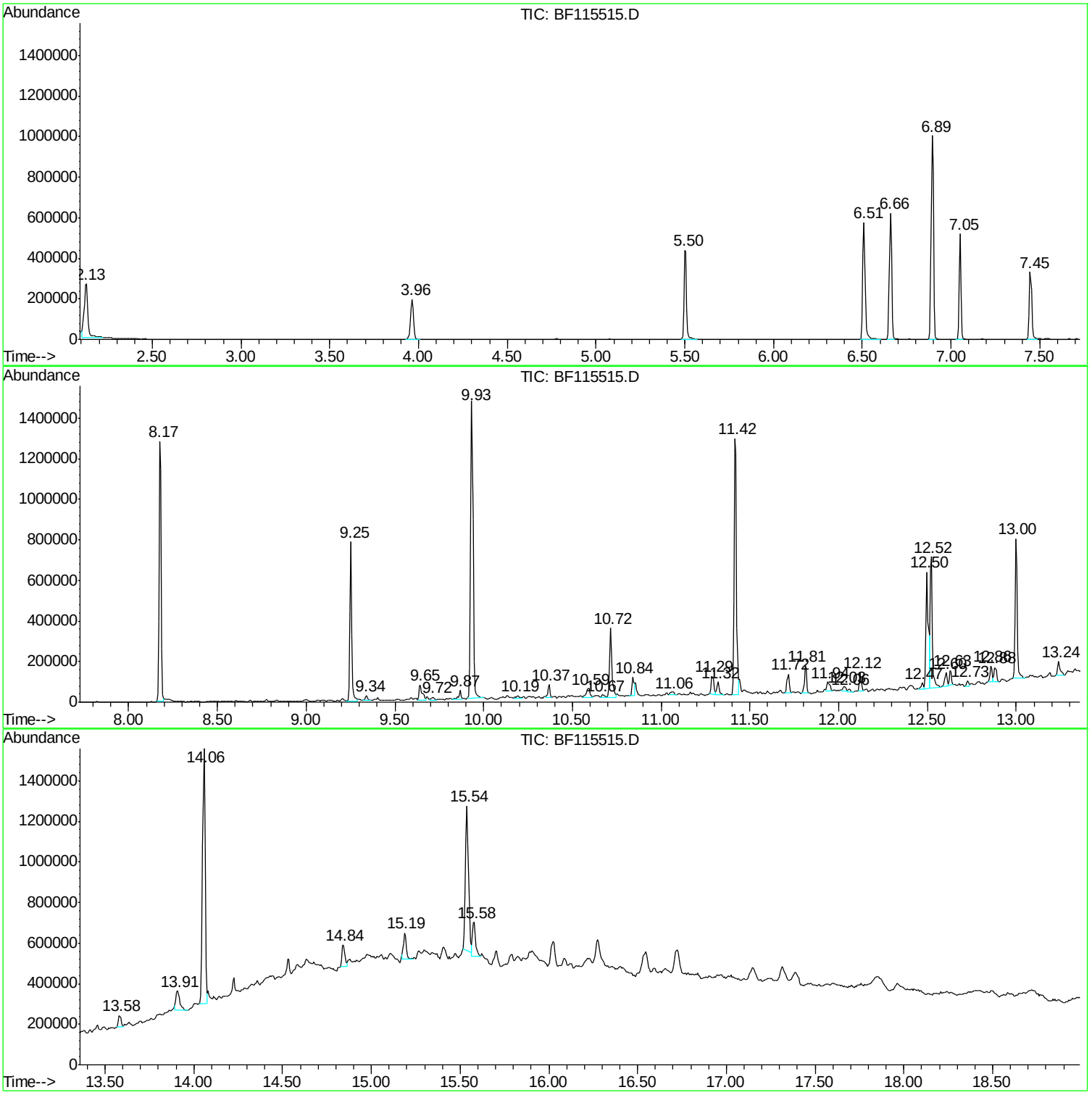
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

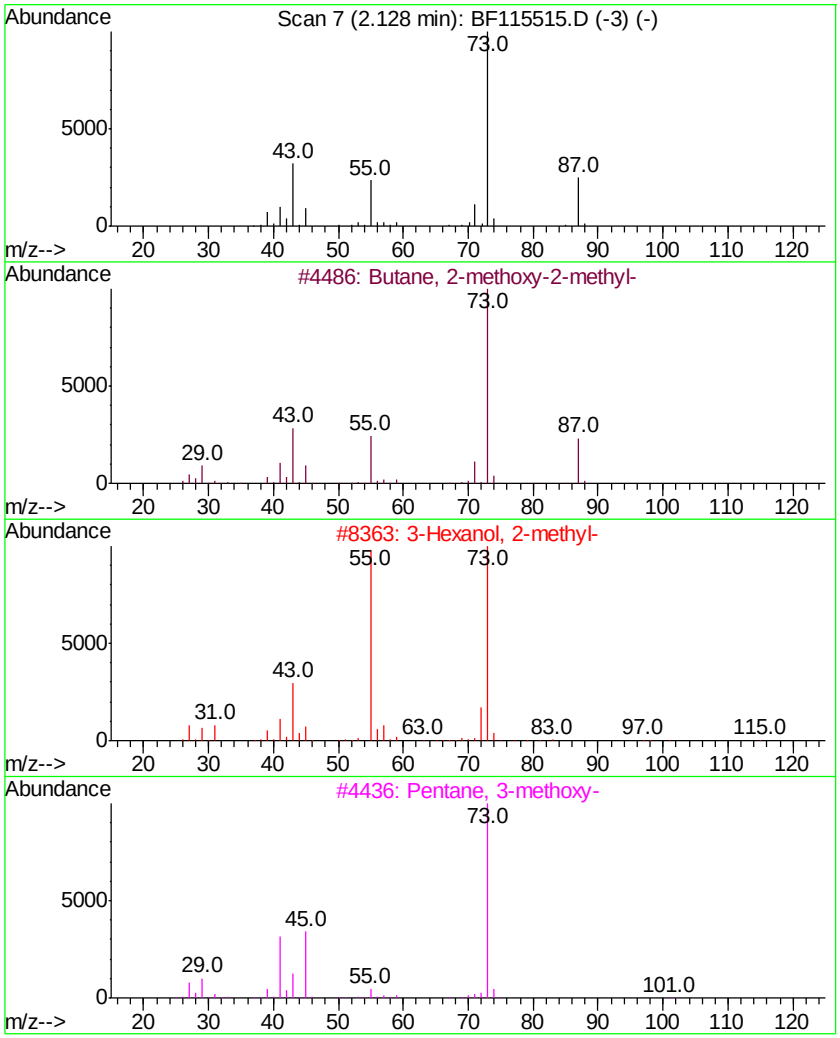
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

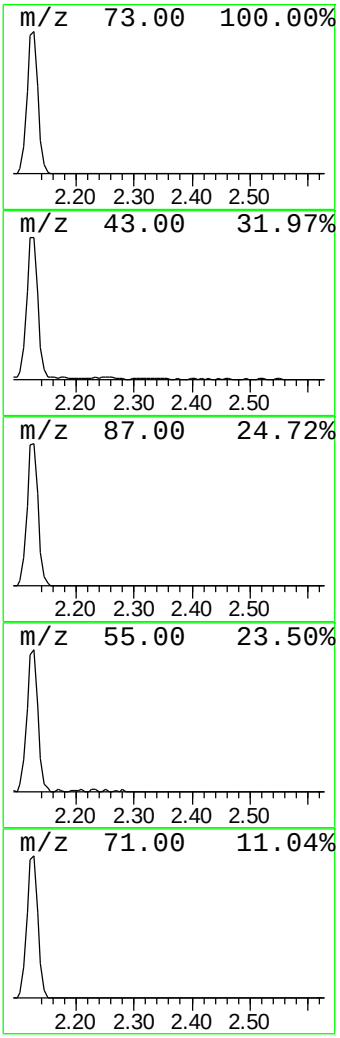
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.78 ng	373631	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

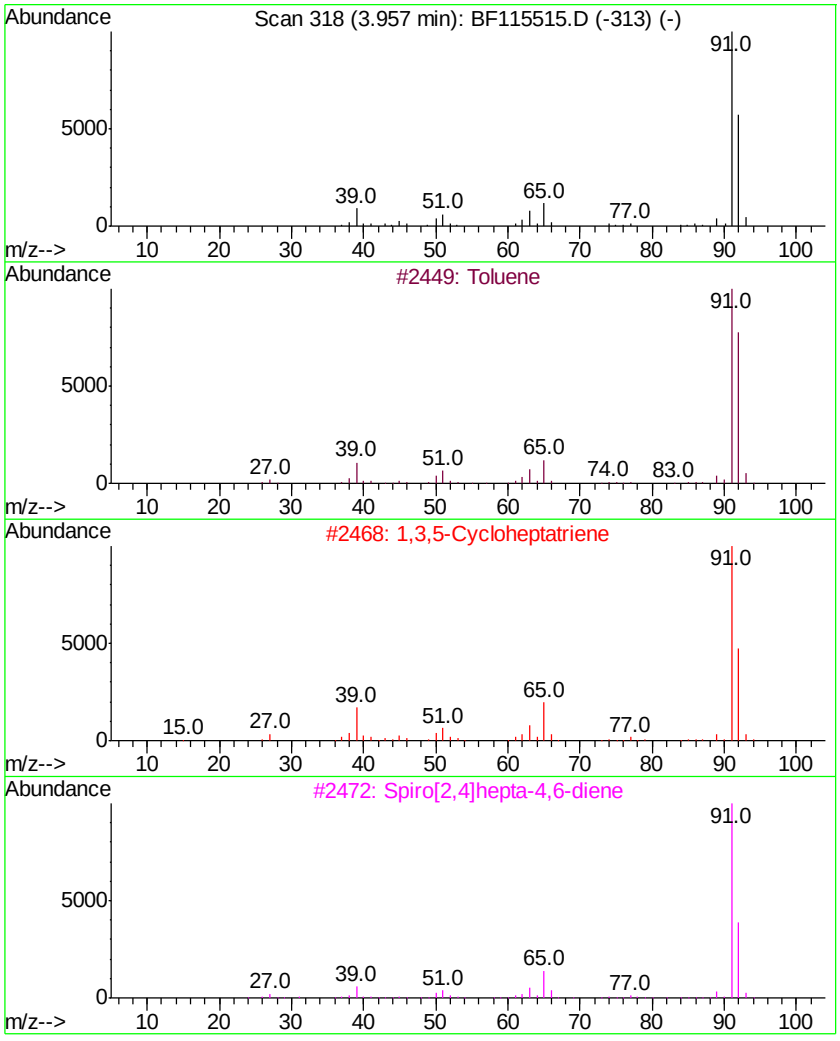
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

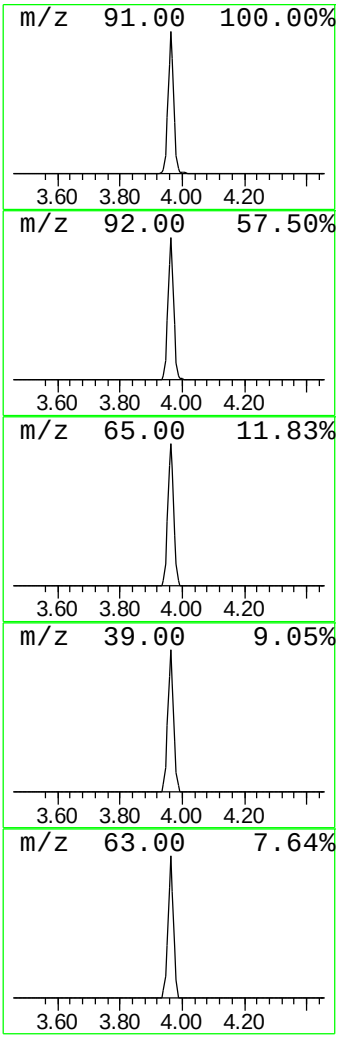
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	6.01 ng	255789	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	81
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
5	2,5-Norbornadiene	92	C7H8	000121-46-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

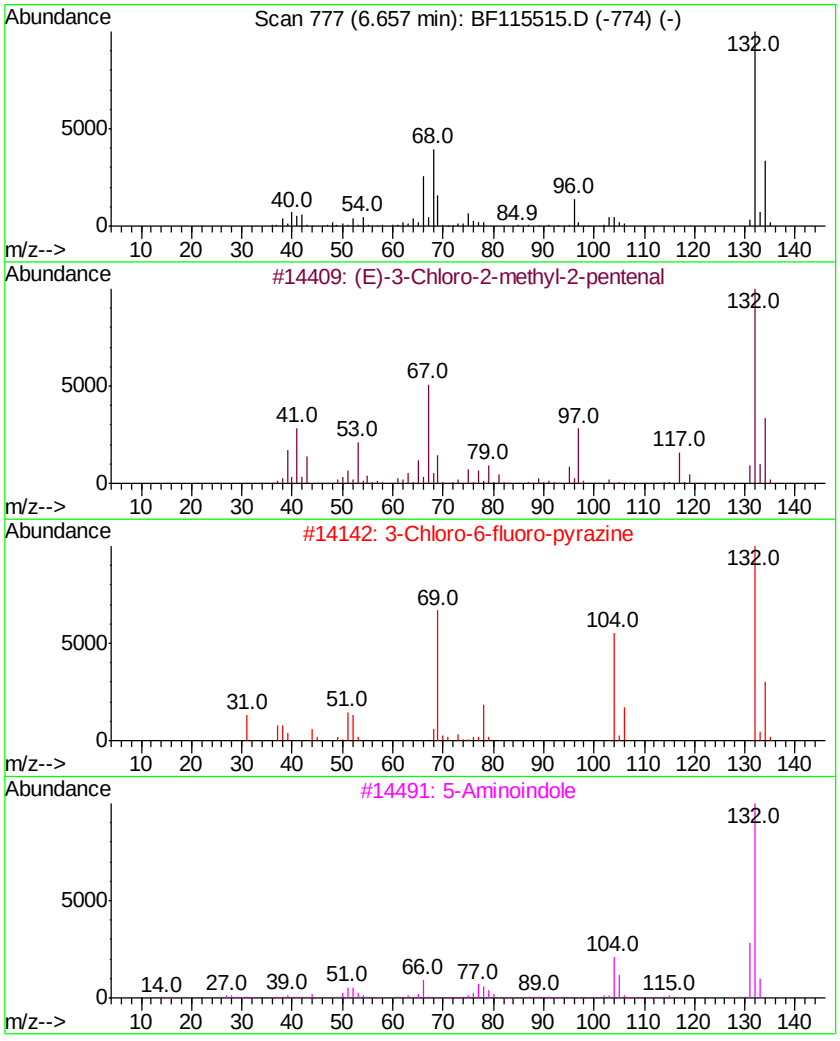
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

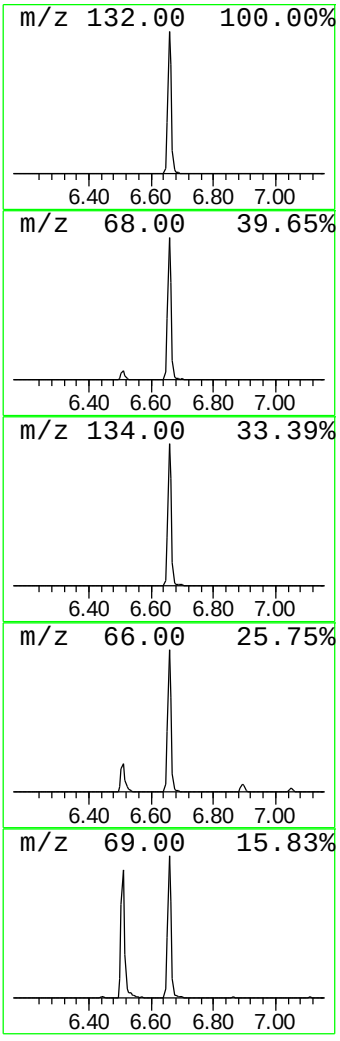
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	12.17 ng	517971	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

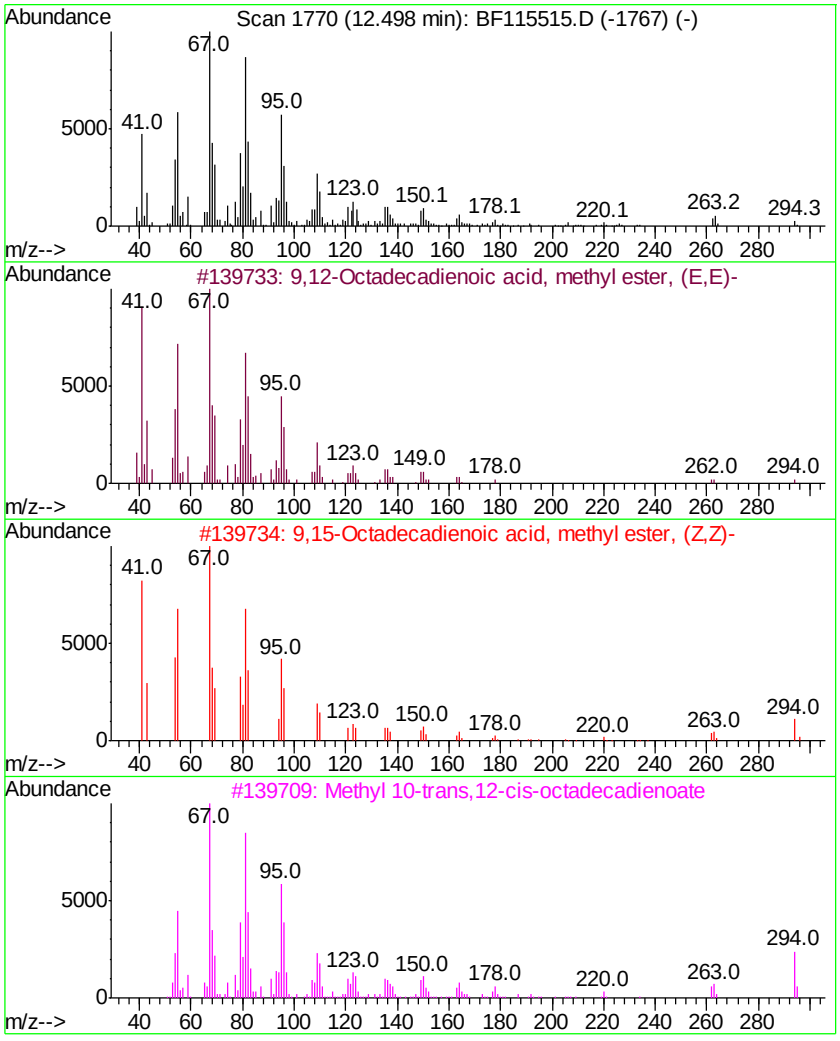
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

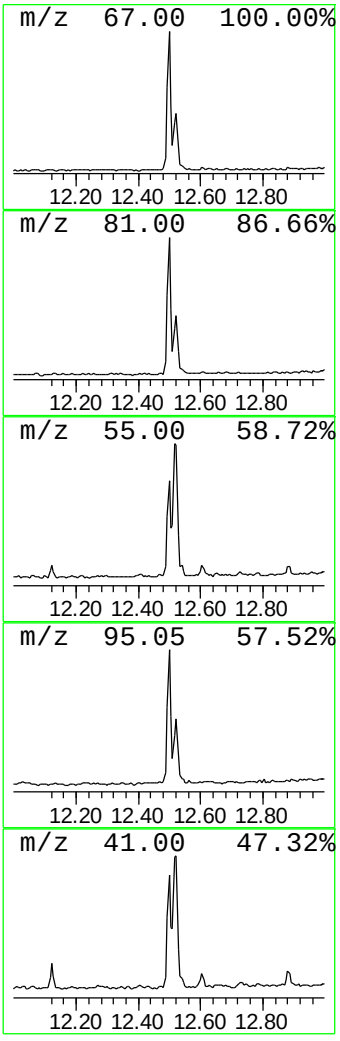
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	9.14 ng	543744	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

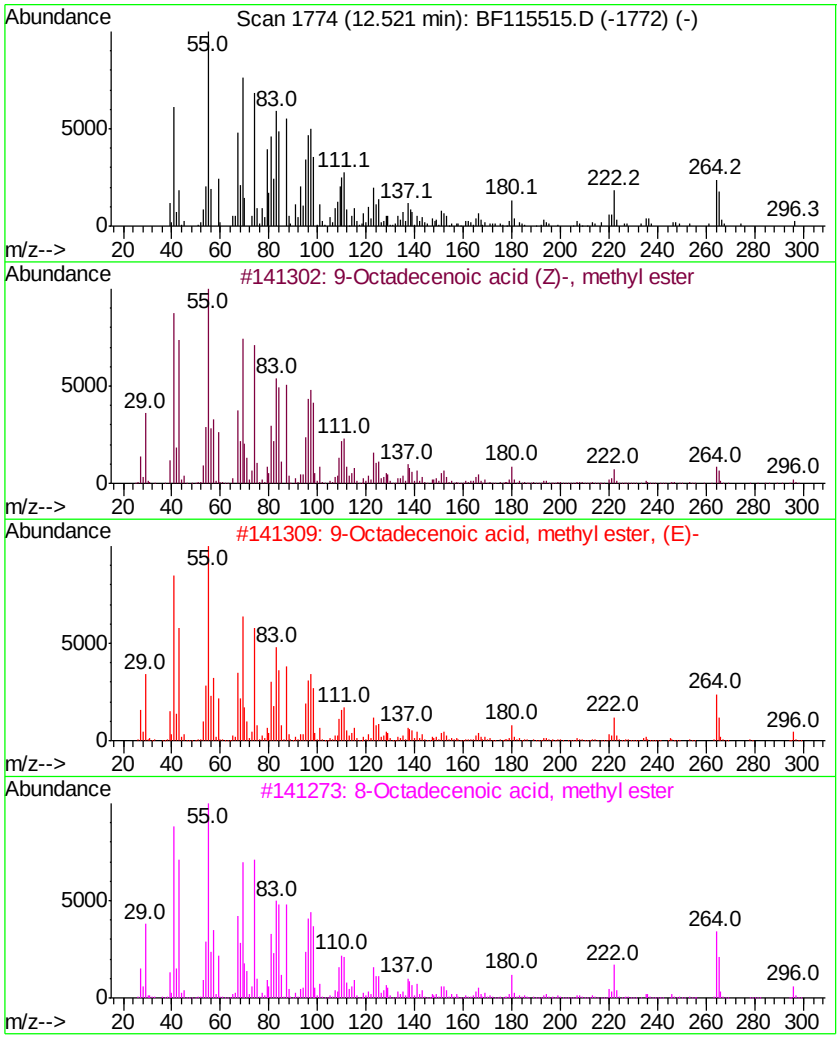
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

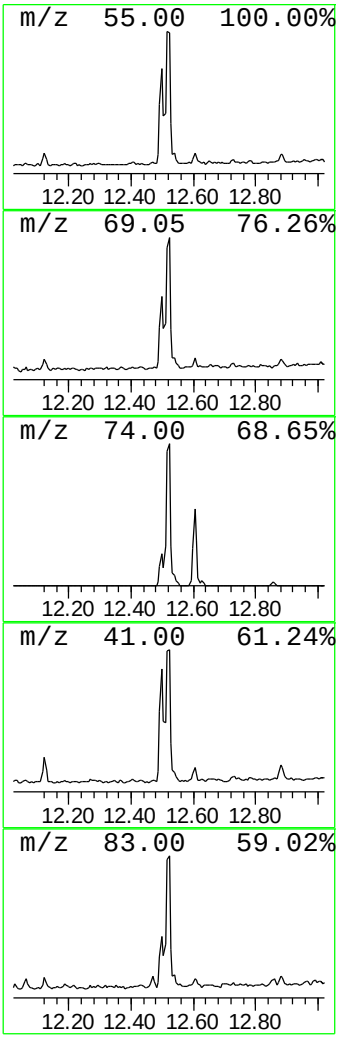
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	9.73 ng	578925	Phenanthrene-d10	11.42

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	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

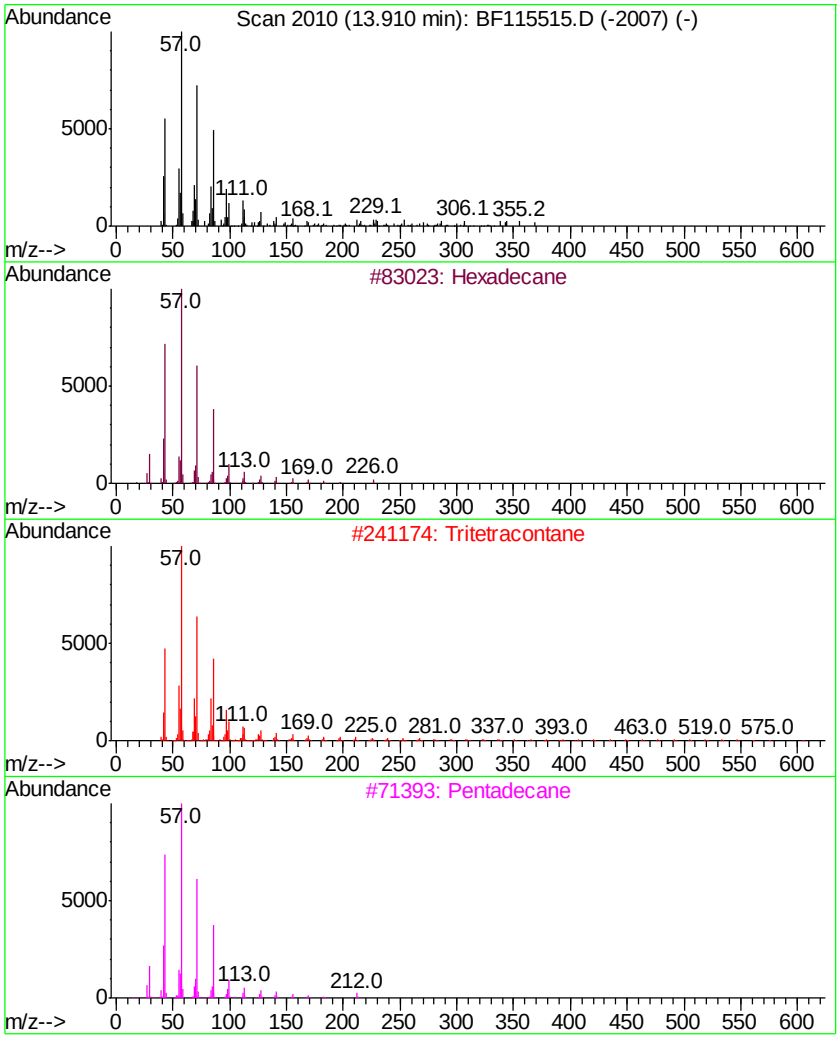
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

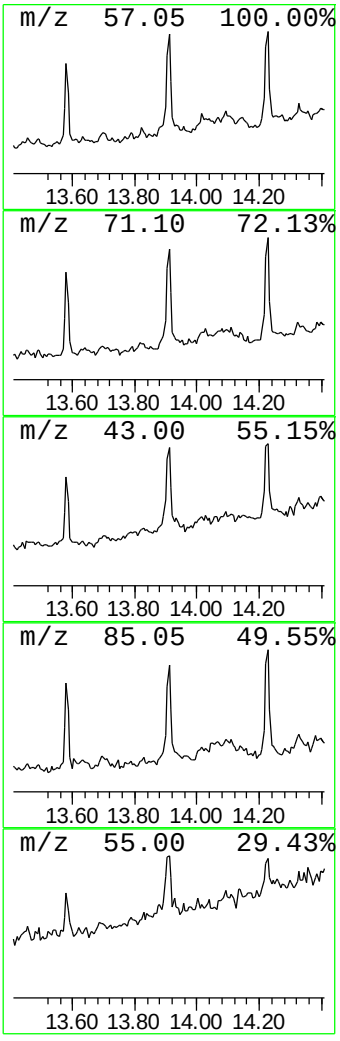
****

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.31 ng	136440	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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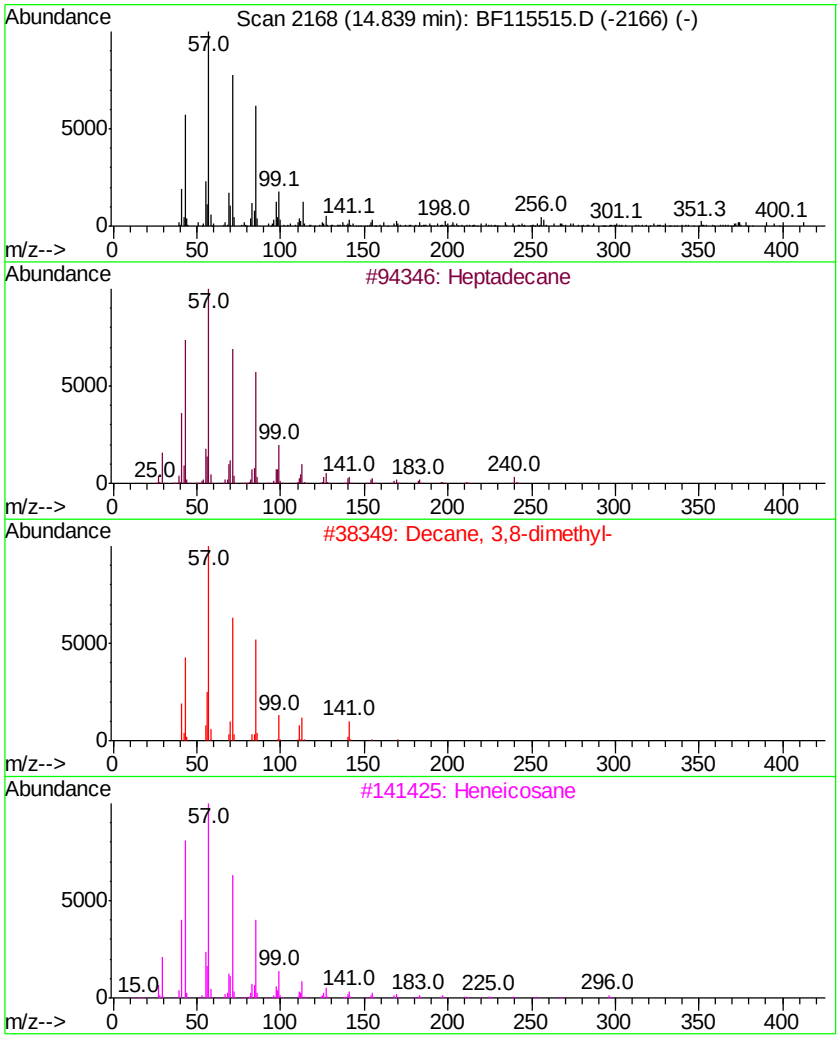
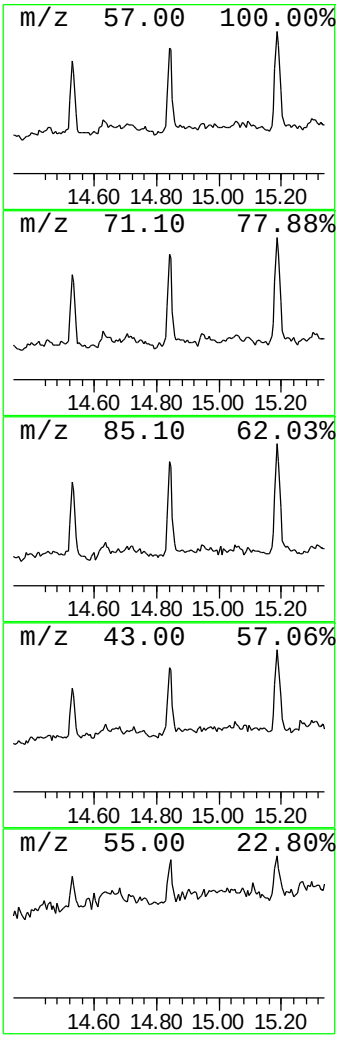
Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.70 ng	115902	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

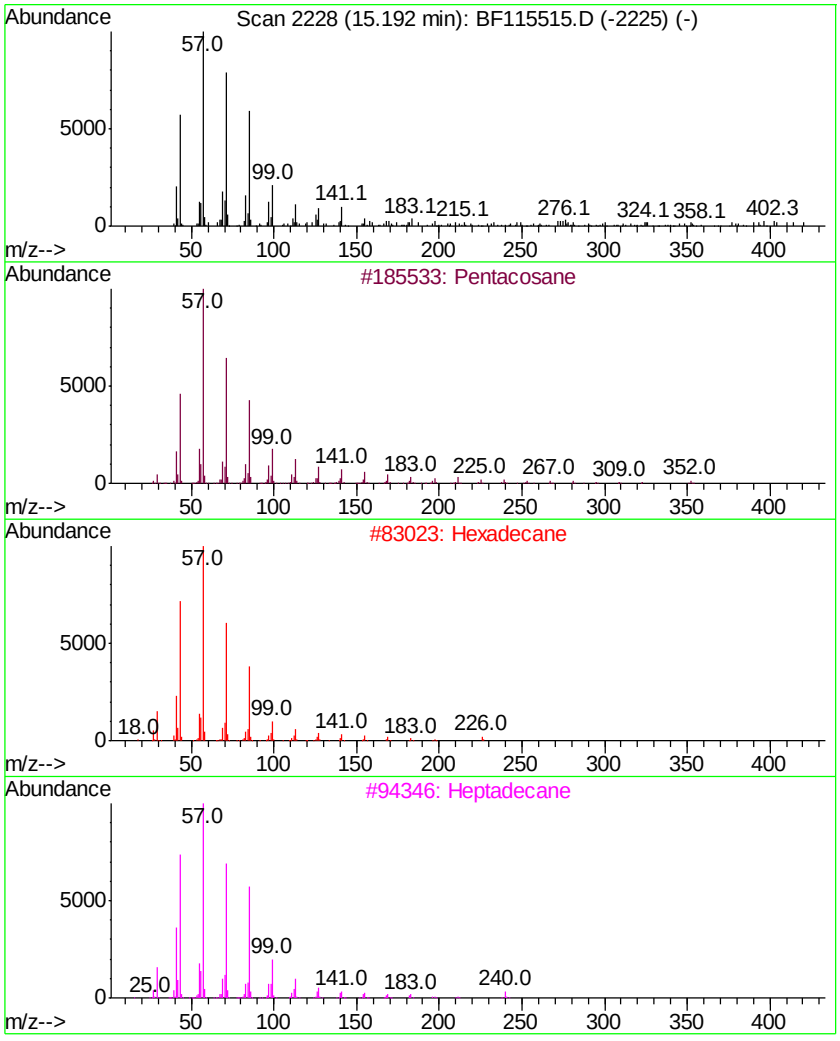
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

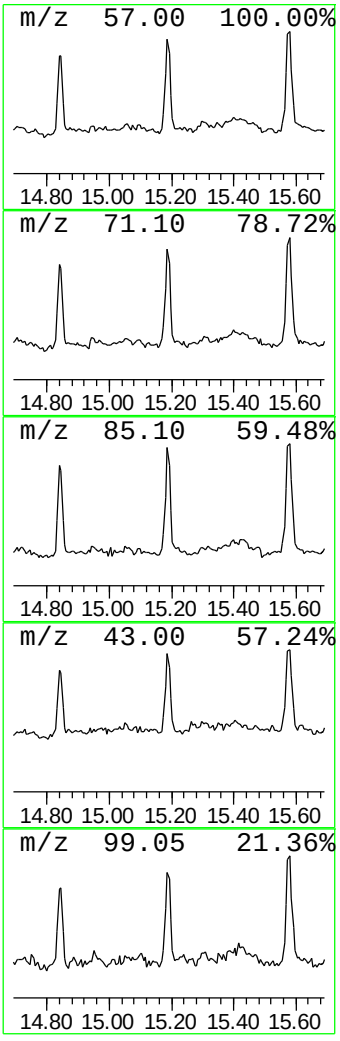
****

Peak Number 9 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.32 ng	142584	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Nonadecane	268	C19H40	000629-92-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071119\
Data File : BF115515.D
Acq On : 12 Jul 2019 00:41
Operator : HP/JU
Sample : K3621-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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
Butane, 2-methoxy...	2.13	8.8	ng	373631	1	6.89	851477	20.0
1,3,5-Cycloheptat...	3.96	6.0	ng	255789	1	6.89	851477	20.0
unknown6.66	6.66	12.2	ng	517971	1	6.89	851477	20.0
9,12-Octadecadien...	12.50	9.1	ng	543744	4	11.42	1189440	20.0
9-Octadecenoic ac...	12.52	9.7	ng	578925	4	11.42	1189440	20.0
Hexadecane	13.91	2.3	ng	136440	5	14.06	1180890	20.0
Heptadecane	14.84	2.7	ng	115902	6	15.54	858961	20.0
Pentacosane	15.19	3.3	ng	142584	6	15.54	858961	20.0