LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

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-BF022719.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	2.763	104	115	124	rVB7	17380	51878	1.84%	0.165%
2	3.692	268	273	283	rVB4	15308	36170	1.28%	0.115%
3	3.998	313	325	329	rBV3	46603	84701	3.00%	0.270%
4	4.151	345	351	355	rBV4	20759	40363	1.43%	0.128%
5	4.345	379	384	390	rBV	46192	65490	2.32%	0.208%
6	4.451	395	402	408	rBV3	53194	78511	2.78%	0.250%
7	4.816	461	464	468	rBV4	21200	36437	1.29%	0.116%
8	4.863	468	472	478	rVB2	60751	90880	3.22%	0.289%
9	4.922	478	482	486	rBV2	75427	88820	3.15%	0.283%
10	5.134	514	518	521	rBV	51795	56262	1.99%	0.179%
11	5.345	550	554	563	rVB	2697661	2592103	91.85%	8.250%
12	5.416	563	566	572	rVV4	27447	33616	1.19%	0.107%
13	5.498	576	580	585	rBV3	45964	67774	2.40%	0.216%
14	5.751	618	623	627	rVB2	39559	68789	2.44%	0.219%
15	5.804	627	632	635	rBV5	19584	31608	1.12%	0.101%
16	5.886	641	646	650	rVB3	54580	57393	2.03%	0.183%
17	5.934	650	654	660	rBV7	20506	41051	1.45%	0.131%
18	5.986	660	663	665	rBV	36198	39277	1.39%	0.125%
19	6.039	670	672	677	rBV3	22018	36295	1.29%	0.116%
20	6.169	688	694	697	rBV4	31993	46116	1.63%	0.147%
21	6.233	697	705	707	rVV6	26019	46629	1.65%	0.148%
22	6.263	707	710	717	rVB4	40468	54215	1.92%	0.173%
23	6.375	724	729	742	rBV	2805095	2822224	100.00%	8.982%
24	6.498	746	750	754	rBV	2893006	2792144	98.93%	8.887%
25	6.728	786	789	792	rBV	1259549	993476	35.20%	3.162%
26	6.757	792	794	798	rVB2	42510	38882	1.38%	0.124%
27	6.886	812	816	819	rBV	2264825	2066091	73.21%	6.576%
28	6.910	819	820	824	rVB2	52415	42598	1.51%	0.136%
29	6.981	824	832	835	rBV	119324	127420	4.51%	0.406%
30	7.004	835	836	842	rVB3	32589	35976	1.27%	0.115%
31	7.075	846	848	852	rVB3	33750	29256	1.04%	0.093%
32	7.128	854	857	859	rVB	39991	31241	1.11%	0.099%
33	7.286	875	884	896	rBV	1861396	2149407	76.16%	6.841%
34	7.375	896	899	903	rBV5	56431	64447	2.28%	0.205%

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(7-8)

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.428	904	908	911	rBV3	21549	36430	1.29%	0.116%
36	7.504	916	921	925	rVV2	239174	254792	9.03%	0.811%
37	7.539	925	927	931	rVB3	35098	29779	1.06%	0.095%
38	7.622	935	941	944	rBV3	36717	58550	2.07%	0.186%
39	7.663	944	948	950	rVV2	73468	98650	3.50%	0.314%
40	7.686	950	952	957	rVB	107684	103208	3.66%	0.328%
41	7.751	959	963	966	rBV2	111596	105629	3.74%	0.336%
42	7.786	966	969	973	rVB4	35504	44280	1.57%	0.141%
43	7.839	973	978	982	rVB4	36546	60918	2.16%	0.194%
44	7.886	983	986	988	rBV	45636	42965	1.52%	0.137%
45	7.975	996	1001	1002	rBV4	38368	53112	1.88%	0.169%
46	8.010	1002	1007	1010	rVV	1272959	1329420	47.11%	4.231%
47	8.057	1013	1015	1018	rVV2	127207	133603	4.73%	0.425%
48	8.104	1021	1023	1027	rVB	47764	44946	1.59%	0.143%
49	8.222	1040	1043	1045	rVB3	32745	28351	1.00%	0.090%
50	8.292	1050	1055	1056	rVV3	40853	57533	2.04%	0.183%
51	8.310	1056	1058	1060	rVB3	45789	38365	1.36%	0.122%
52	8.398	1070	1073	1076	rVB	51562	46275	1.64%	0.147%
53	8.445	1078	1081	1084	rVV	98439	100978	3.58%	0.321%
54	8.480	1084	1087	1090	rVB2	81600	82578	2.93%	0.263%
55	8.516	1090	1093	1096	rBV2	44482	44065	1.56%	0.140%
56	8.557	1098	1100	1105	rVB3	48852	59999	2.13%	0.191%
57	8.598	1105	1107	1111	rBV2	38185	53923	1.91%	0.172%
58	8.704	1122	1125	1129	rVB6	46893	60598	2.15%	0.193%
59	8.757	1132	1134	1137	rBV3	32223	30727	1.09%	0.098%
60	9.039	1179	1182	1185	rVB	89418	81221	2.88%	0.259%
61	9.080	1185	1189	1199	rBV	2598081	2524359	89.45%	8.034%
62	9.163	1200	1203	1209	rVB4	86615	111659	3.96%	0.355%
63	9.422	1244	1247	1252	rVB5	33470	34696	1.23%	0.110%
64	9.474	1252	1256	1258	rBV	351265	317009	11.23%	1.009%
65	9.527	1263	1265	1272	rVB6	37943	39585	1.40%	0.126%
66	9.627	1278	1282	1285	rBV3	62518	80371	2.85%	0.256%
67	9.674	1288	1290	1293	rVB	138785	107837	3.82%	0.343%
68	9.710	1293	1296	1299	rBV3	26390	36400	1.29%	0.116%
69	9.757	1299	1304	1311	rBV2	1279601	1298621	46.01%	4.133%
70	9.921	1330	1332	1337	rBV4	21051	37950	1.34%	0.121%
71	10.027	1347	1350	1354	rBV4	38557	41875	1.48%	0.133%

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Misc :
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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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72	10.133	1365	1368	1370	rBV3	28673	28658	1.02%	0.091%
73	10.169	1371	1374	1377	rBV2	73181	61059	2.16%	0.194%
74	10.421	1414	1417	1422	rBV	84819	86839	3.08%	0.276%
75	10.545	1434	1438	1451	rBV	1470684	1667472	59.08%	5.307%
76	10.686	1457	1462	1467	rBV	181905	208308	7.38%	0.663%
77	11.145	1538	1540	1545	rVB	74710	78586	2.78%	0.250%
78	11.239	1552	1556	1559	rBV	1042199	1070139	37.92%	3.406%
79	11.774	1644	1647	1656	rBV	541008	600459	21.28%	1.911%
80	12.445	1758	1761	1764	rBV	231273	215615	7.64%	0.686%
81	12.557	1777	1780	1787	rBV2	211629	264188	9.36%	0.841%
82	12.668	1797	1799	1802	rVB	171150	132166	4.68%	0.421%
83	12.815	1821	1824	1832	rVB	1797318	1608751	57.00%	5.120%
84	13.757	1980	1984	1986	rBV2	329122	466296	16.52%	1.484%
85	13.868	1998	2003	2006	rBV	1130638	1391605	49.31%	4.429%
86	15.280	2240	2243	2247	rBV	737164	800768	28.37%	2.549%
87	17.780	2666	2668	2670	rBV2	75671	90102	3.19%	0.287%

Sum of corrected areas: 31419808

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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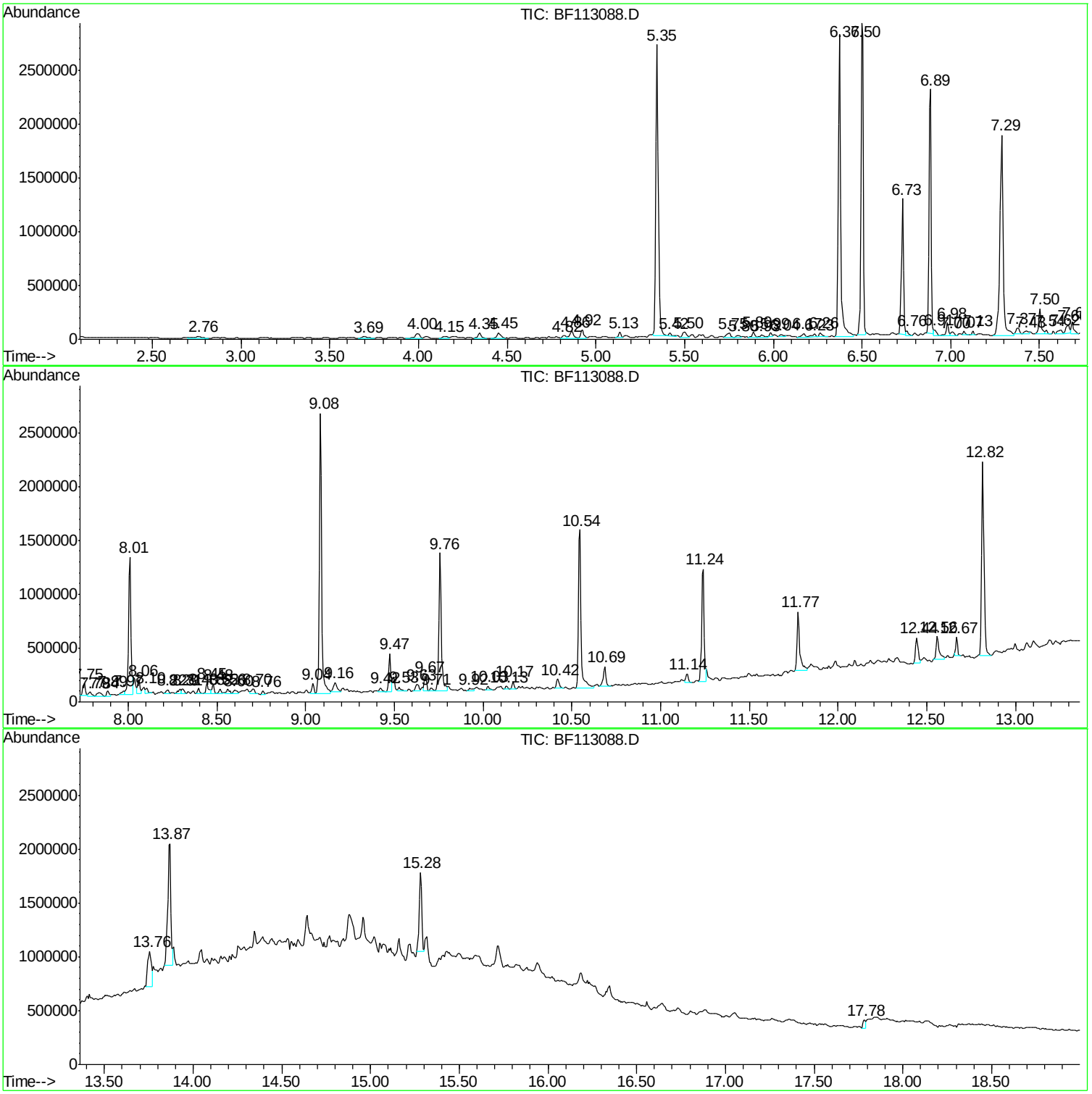
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

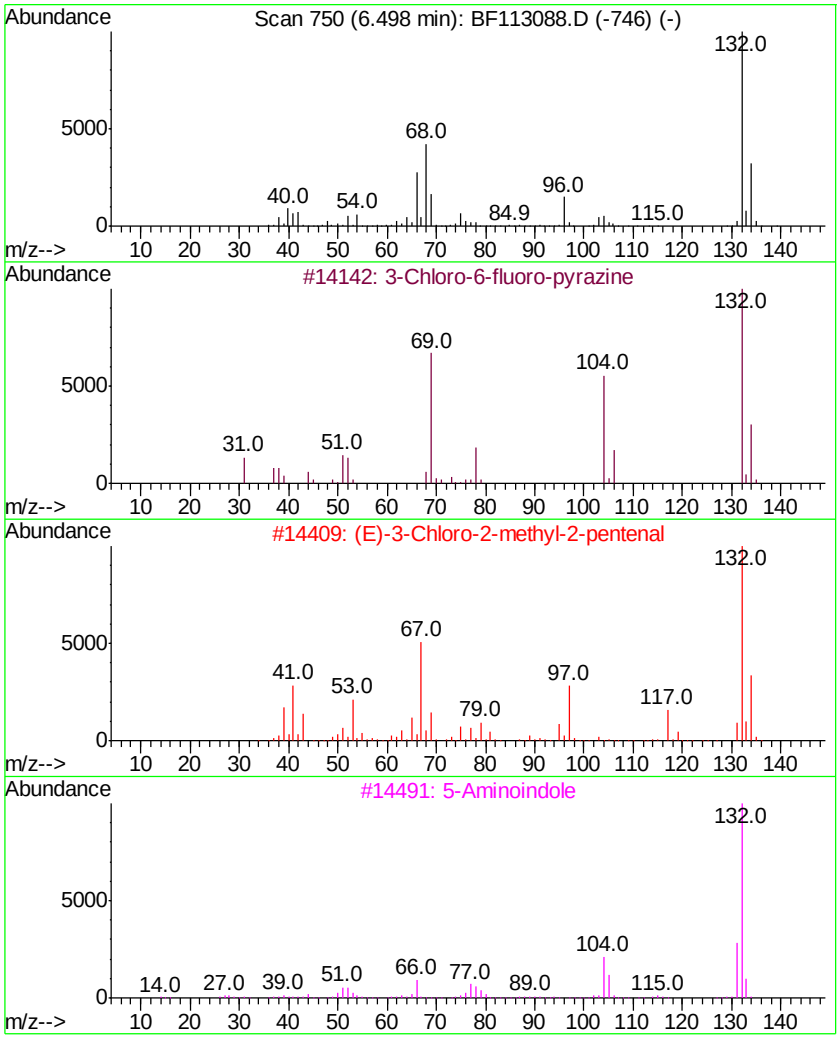
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

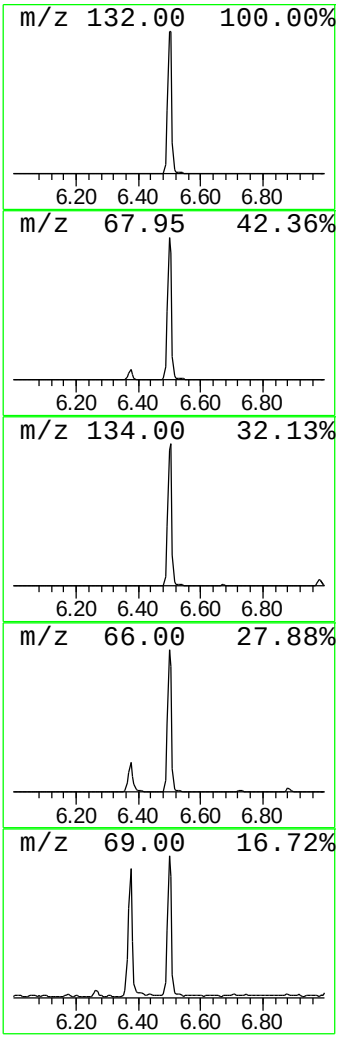
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	56.21 ng	2792140	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
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Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

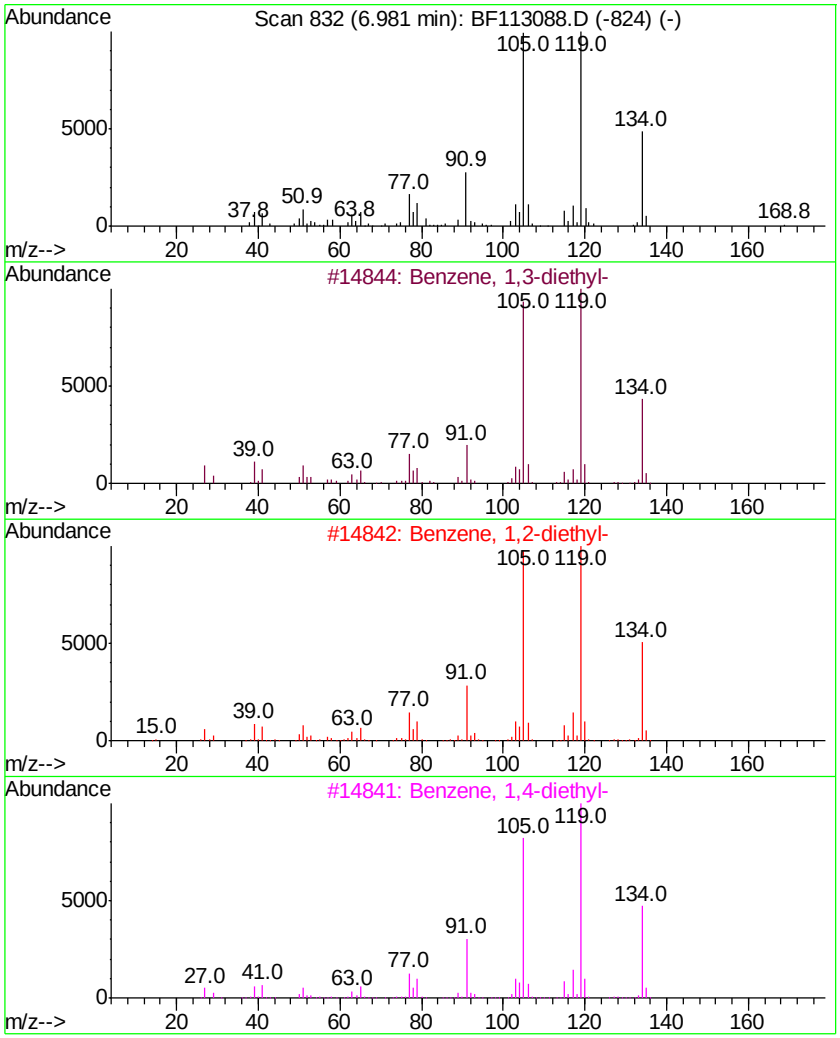
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

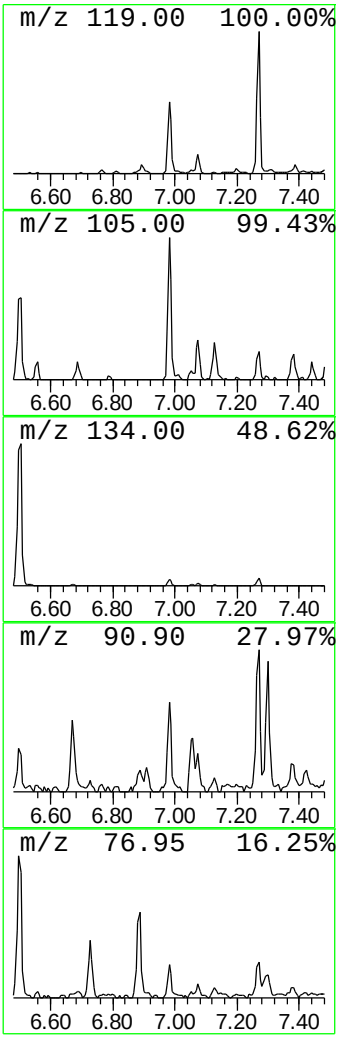
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	2.57 ng	127420	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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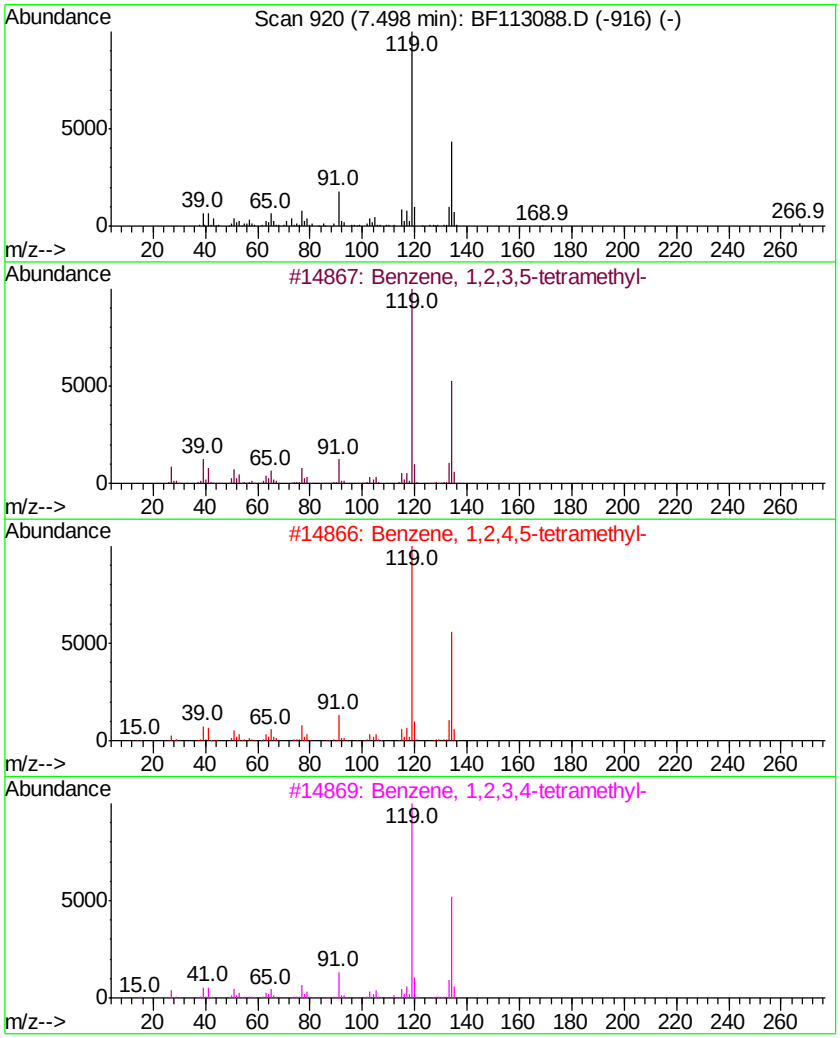
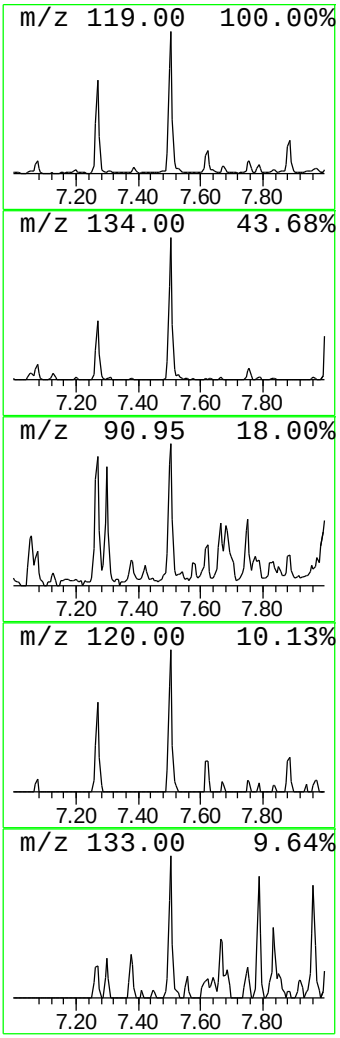
****

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.83 ng	254792	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	o-Cymene	134	C10H14	000527-84-4	90





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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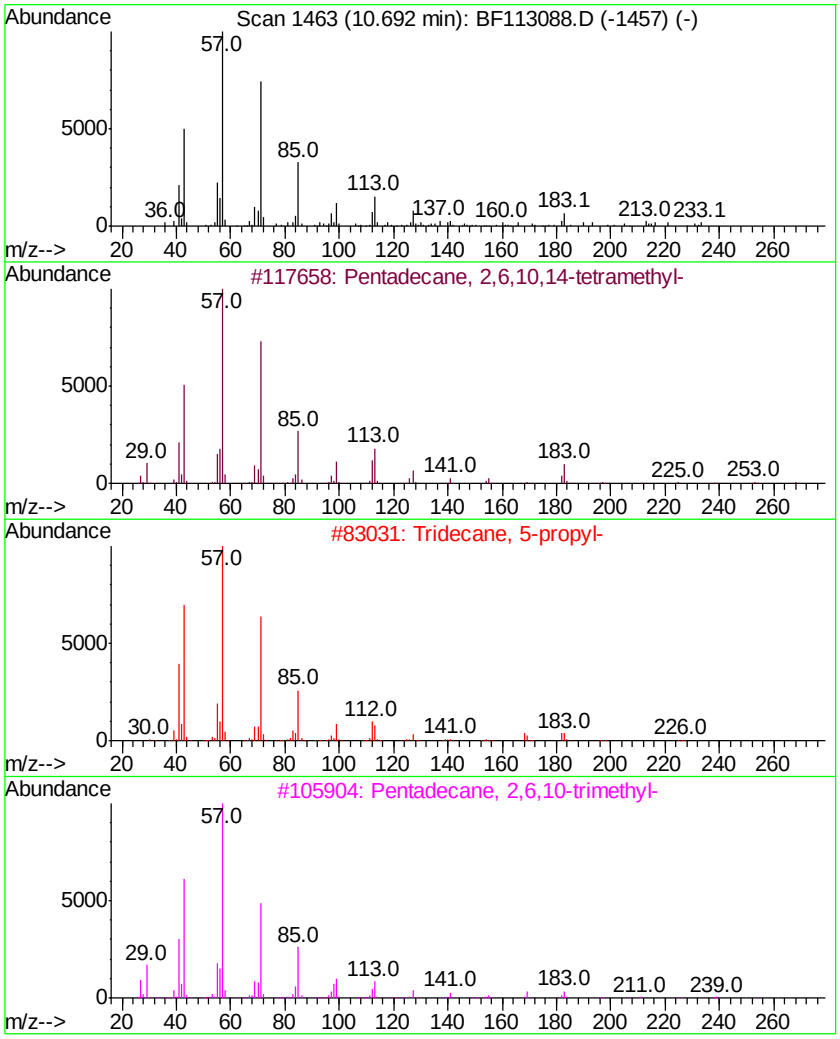
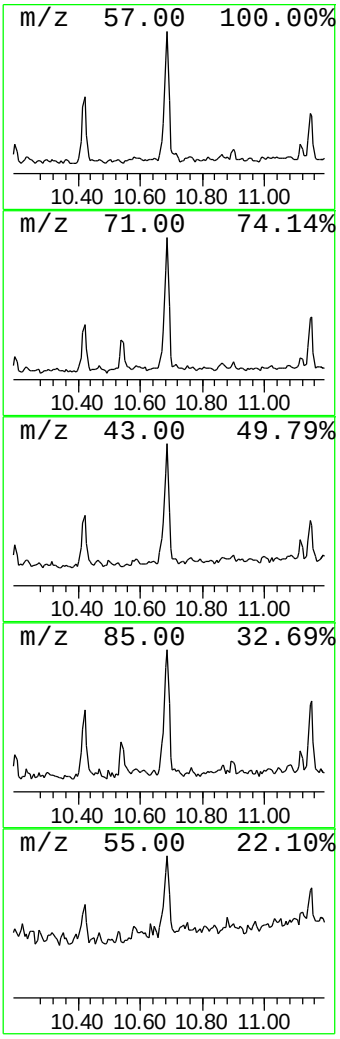
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.89 ng	208308	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74





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Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

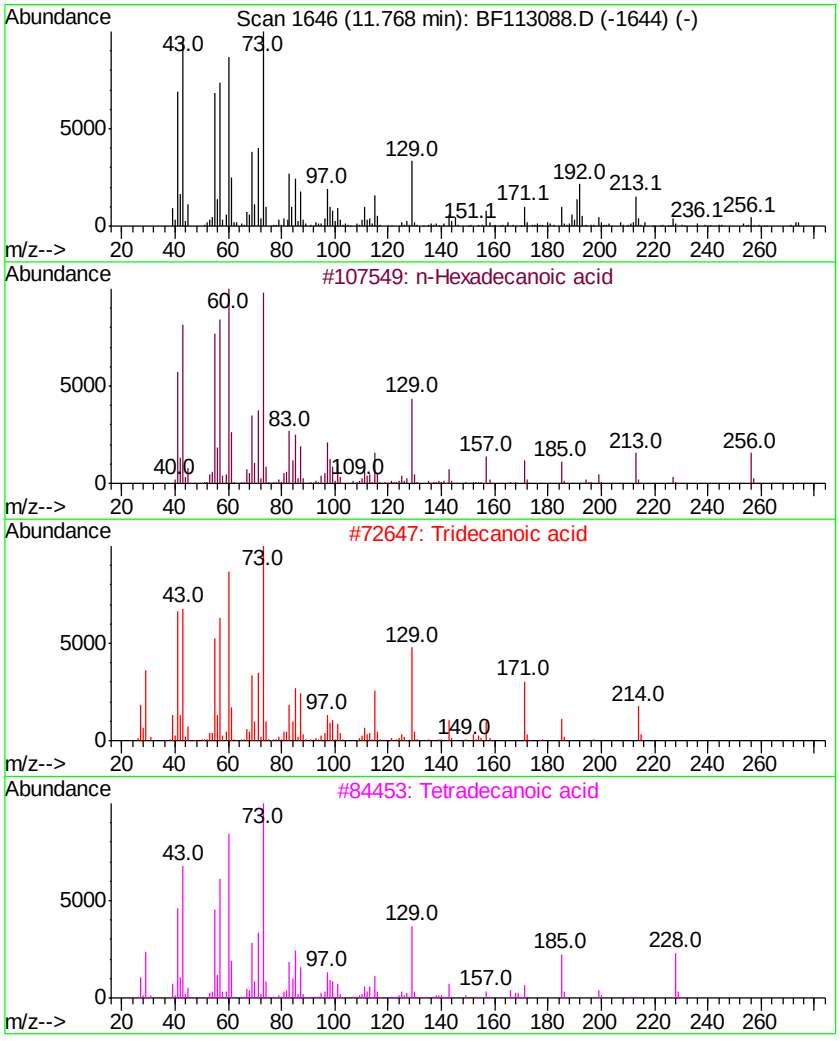
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

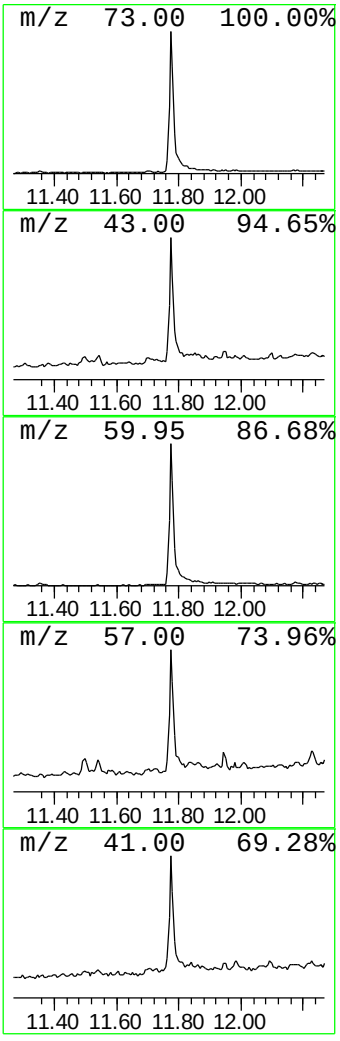
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.22 ng	600459	Phenanthrene-d10	11.24

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
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Sample : K1901-04
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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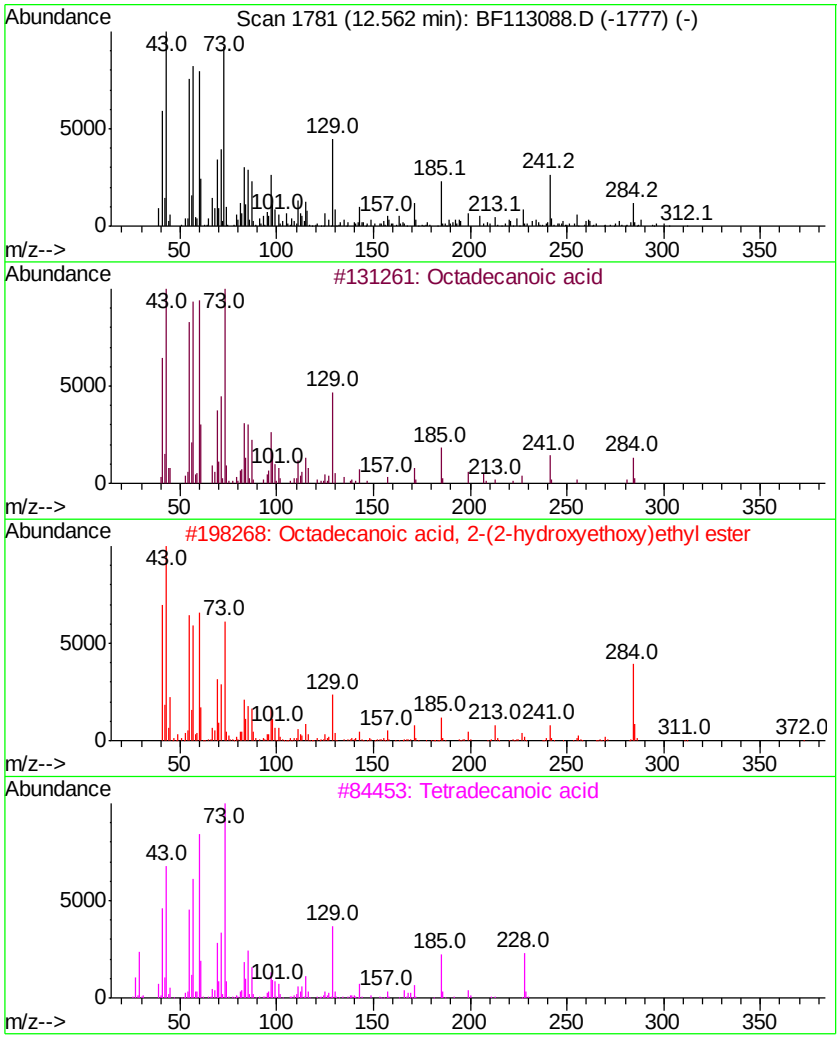
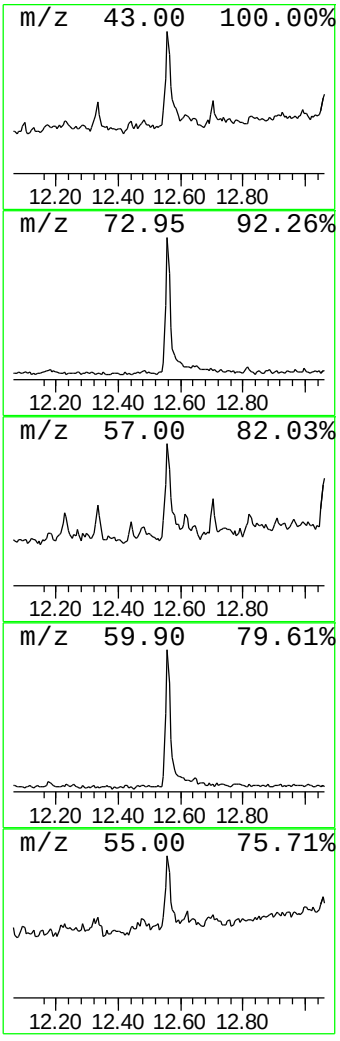
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.80 ng	264188	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

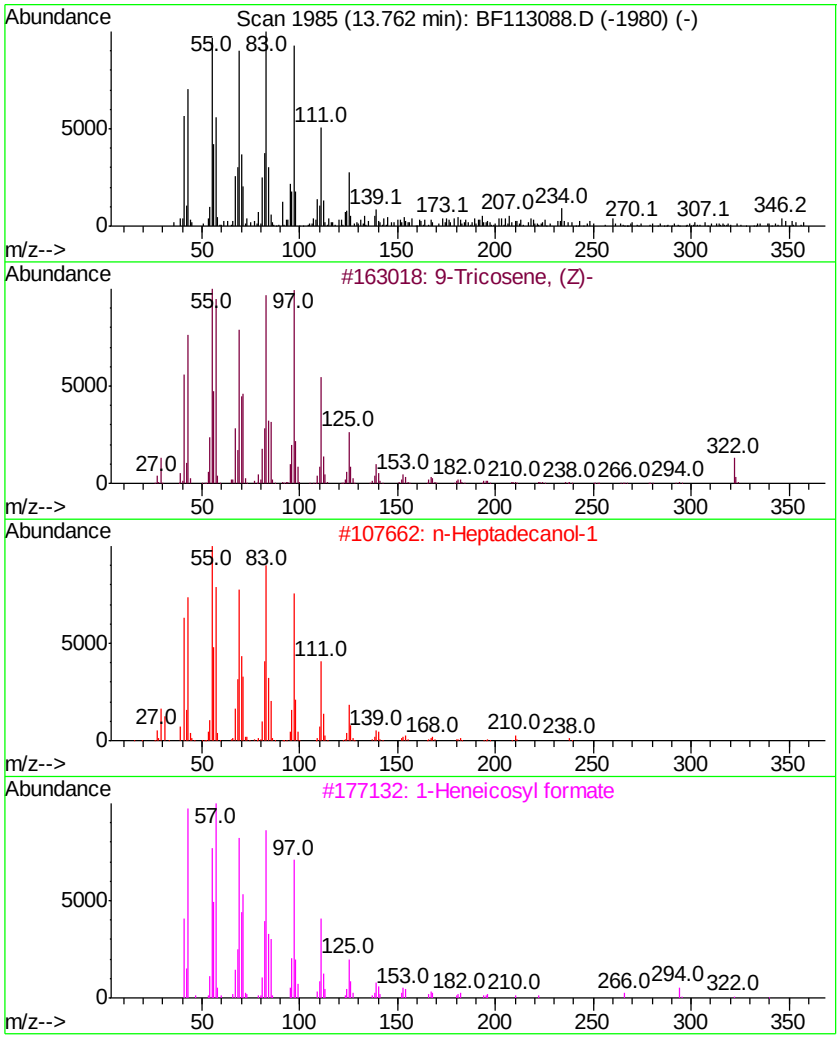
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

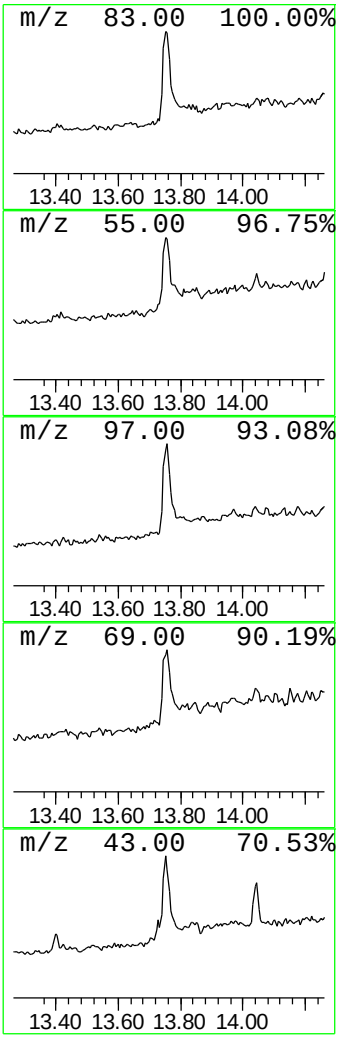
****

Peak Number 8 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.70 ng	466296	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

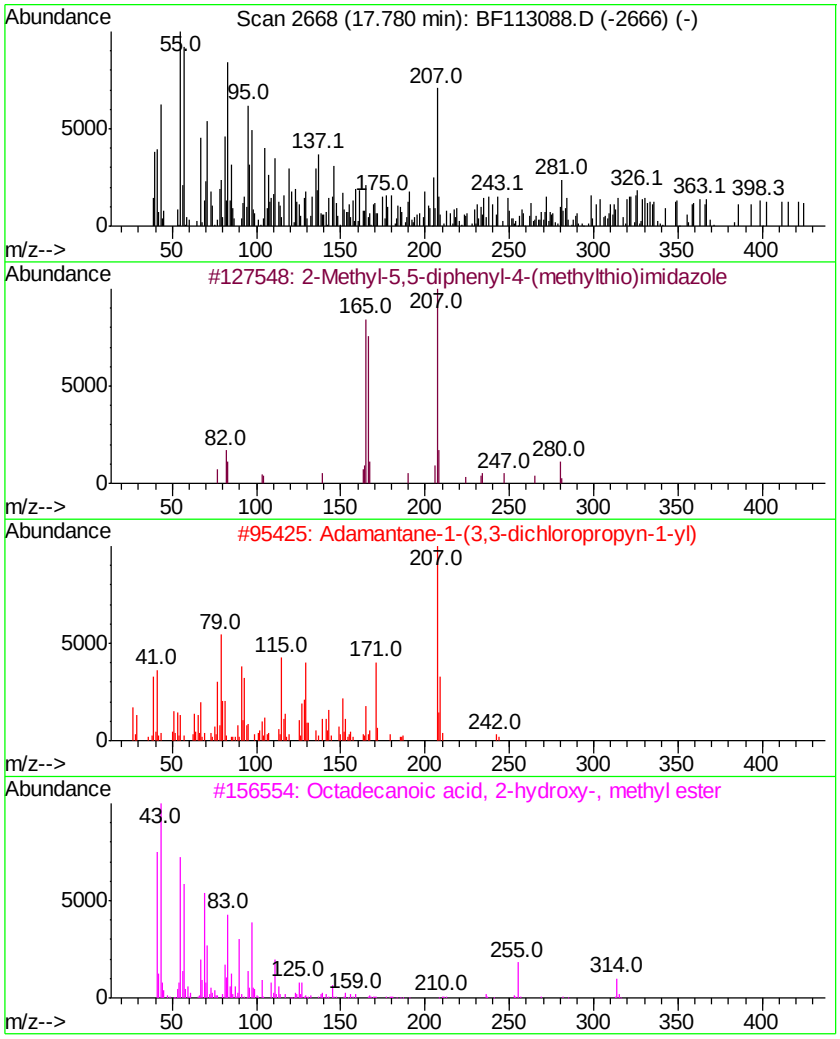
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

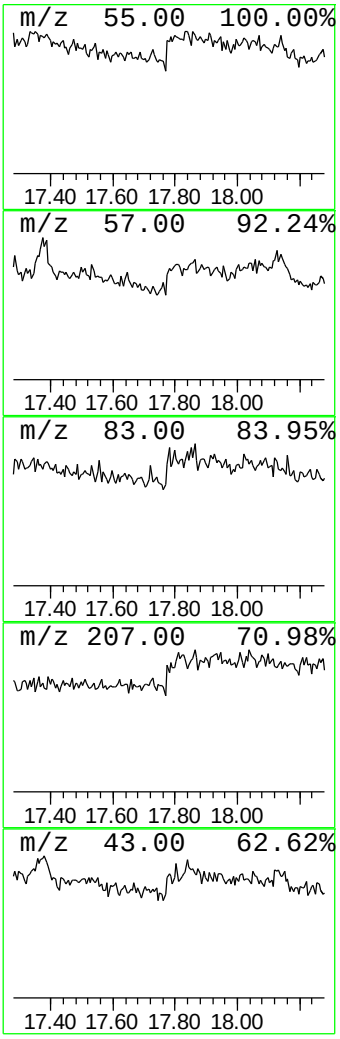
****

Peak Number 9 unknown17.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.25 ng	90102	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5,5-diphenyl-4-(methylt...	280	C17H16N2S	024133-96-8	45
2	Adamantane-1-(3,3-dichloropropyn...	242	C13H16Cl2	139185-48-1	25
3	Octadecanoic acid, 2-hydroxy-, m...	314	C19H38O3	002420-35-1	25
4	5'-Methyl-[2,2']bithiophenyl-5-c...	367	C18H13N3O2S2	1000303-07-4	15
5	6-Amino-5-cyano-4-(5-cyano-2,4-d...	326	C17H18N4O3	1000297-42-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	56.2	ng	2792140	1	6.73	993476	20.0
Benzene, 1,3-diet...	6.98	2.6	ng	127420	1	6.73	993476	20.0
Benzene, 1,2,3,5-...	7.50	3.8	ng	254792	2	8.01	1329420	20.0
Pentadecane, 2,6,...	10.69	3.9	ng	208308	4	11.24	1070140	20.0
n-Hexadecanoic acid	11.77	11.2	ng	600459	4	11.24	1070140	20.0
Octadecanoic acid	12.56	3.8	ng	264188	5	13.87	1391610	20.0
9-Tricosene, (Z)-	13.76	6.7	ng	466296	5	13.87	1391610	20.0
unknown17.78	17.78	2.3	ng	90102	6	15.28	800768	20.0