LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

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-BF042219.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	2.146	7	10	17	rVB2	18665	32595	2.59%	0.223%
2	5.504	577	581	593	rBV	509942	506823	40.28%	3.464%
3	6.510	748	752	762	rBV	625009	553748	44.01%	3.784%
4	6.657	773	777	785	rBV	721493	609373	48.43%	4.164%
5	6.728	785	789	792	rVB3	13679	19085	1.52%	0.130%
6	6.886	813	816	824	rBV	846225	721484	57.34%	4.931%
7	7.045	839	843	846	rBV	596852	490941	39.02%	3.355%
8	7.439	905	910	916	rBV	349556	348387	27.69%	2.381%
9	7.486	916	918	922	rVB	27624	24561	1.95%	0.168%
10	7.769	961	966	969	rBV2	12816	15897	1.26%	0.109%
11	8.169	1029	1034	1041	rBV	1095418	997489	79.27%	6.817%
12	8.233	1041	1045	1048	rVV3	25211	43499	3.46%	0.297%
13	8.257	1048	1049	1058	rVB6	13916	19929	1.58%	0.136%
14	8.763	1132	1135	1138	rBV2	23175	19260	1.53%	0.132%
15	8.980	1169	1172	1178	rBV2	25573	28032	2.23%	0.192%
16	9.192	1206	1208	1213	rBV2	18159	16018	1.27%	0.109%
17	9.239	1213	1216	1223	rBV	838209	772523	61.39%	5.279%
18	9.328	1228	1231	1235	rVB2	28956	28471	2.26%	0.195%
19	9.510	1258	1262	1266	rBV4	14979	21891	1.74%	0.150%
20	9.633	1280	1283	1288	rVB	110639	110355	8.77%	0.754%
21	9.698	1292	1294	1300	rVB7	17984	20789	1.65%	0.142%
22	9.780	1305	1308	1313	rBV2	27570	44949	3.57%	0.307%
23	9.857	1316	1321	1325	rVB2	28878	29728	2.36%	0.203%
24	9.922	1326	1332	1336	rBV	1243234	1146800	91.14%	7.837%
25	9.957	1336	1338	1340	rVB	63869	50721	4.03%	0.347%
26	10.027	1347	1350	1355	rBV6	12028	16900	1.34%	0.115%
27	10.127	1364	1367	1371	rVB2	42495	45037	3.58%	0.308%
28	10.175	1371	1375	1379	rVB4	15484	24912	1.98%	0.170%
29	10.239	1383	1386	1389	rBV3	19692	20945	1.66%	0.143%
30	10.351	1403	1405	1408	rVB	48685	41006	3.26%	0.280%
31	10.422	1413	1417	1419	rBV4	12522	16789	1.33%	0.115%
32	10.469	1422	1425	1432	rBV	56358	62982	5.01%	0.430%
33	10.575	1438	1443	1447	rBV4	34622	56236	4.47%	0.384%
34	10.627	1449	1452	1455	rVB3	23912	23814	1.89%	0.163%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.710	1461	1466	1470	rBV	436602	455454	36.20%	3.113%
36	10.827	1483	1486	1494	rVB3	88323	145448	11.56%	0.994%
37	11.051	1520	1524	1526	rBV3	18592	22494	1.79%	0.154%
38	11.169	1542	1544	1549	rVB5	25286	28145	2.24%	0.192%
39	11.210	1549	1551	1555	rBV4	16404	16331	1.30%	0.112%
40	11.274	1559	1562	1564	rVV	89586	85070	6.76%	0.581%
41	11.304	1564	1567	1573	rVB	70690	83250	6.62%	0.569%
42	11.410	1581	1585	1587	rBV	1131659	1098870	87.33%	7.510%
43	11.427	1587	1588	1592	rVV	245920	187756	14.92%	1.283%
44	11.480	1595	1597	1601	rVB	70748	61942	4.92%	0.423%
45	11.698	1631	1634	1637	rBV	85140	68548	5.45%	0.468%
46	11.798	1648	1651	1653	rVB	53699	44117	3.51%	0.301%
47	11.910	1667	1670	1671	rBV	35966	30713	2.44%	0.210%
48	11.927	1671	1673	1680	rVB2	227809	257313	20.45%	1.758%
49	12.021	1686	1689	1691	rBV	90866	88424	7.03%	0.604%
50	12.104	1701	1703	1707	rVB	72524	61114	4.86%	0.418%
51	12.204	1717	1720	1722	rBV2	24651	22461	1.79%	0.153%
52	12.333	1740	1742	1744	rBV2	23599	20489	1.63%	0.140%
53	12.386	1749	1751	1753	rBV3	25875	22675	1.80%	0.155%
54	12.457	1760	1763	1765	rBV	44905	50711	4.03%	0.347%
55	12.480	1765	1767	1769	rVV	210609	216434	17.20%	1.479%
56	12.504	1769	1771	1775	rVB2	366334	304874	24.23%	2.084%
57	12.586	1783	1785	1787	rBV2	58343	42730	3.40%	0.292%
58	12.616	1787	1790	1793	rVV	332211	315491	25.07%	2.156%
59	12.663	1796	1798	1803	rVB3	64274	72325	5.75%	0.494%
60	12.716	1803	1807	1814	rBV2	293820	364747	28.99%	2.493%
61	12.845	1824	1829	1832	rBV	324036	358635	28.50%	2.451%
62	12.986	1849	1853	1856	rBV	857952	711720	56.56%	4.864%
63	13.174	1883	1885	1887	rVB2	93929	66551	5.29%	0.455%
64	13.221	1891	1893	1894	rBV	46102	36697	2.92%	0.251%
65	13.239	1894	1896	1899	rVB	67301	57124	4.54%	0.390%
66	14.045	2028	2033	2036	rBV	1239988	1258305	100.00%	8.599%
67	14.068	2036	2037	2040	rVB	156217	95298	7.57%	0.651%
68	15.533	2282	2286	2289	rBV	714667	898363	71.39%	6.139%

Sum of corrected areas: 14632588

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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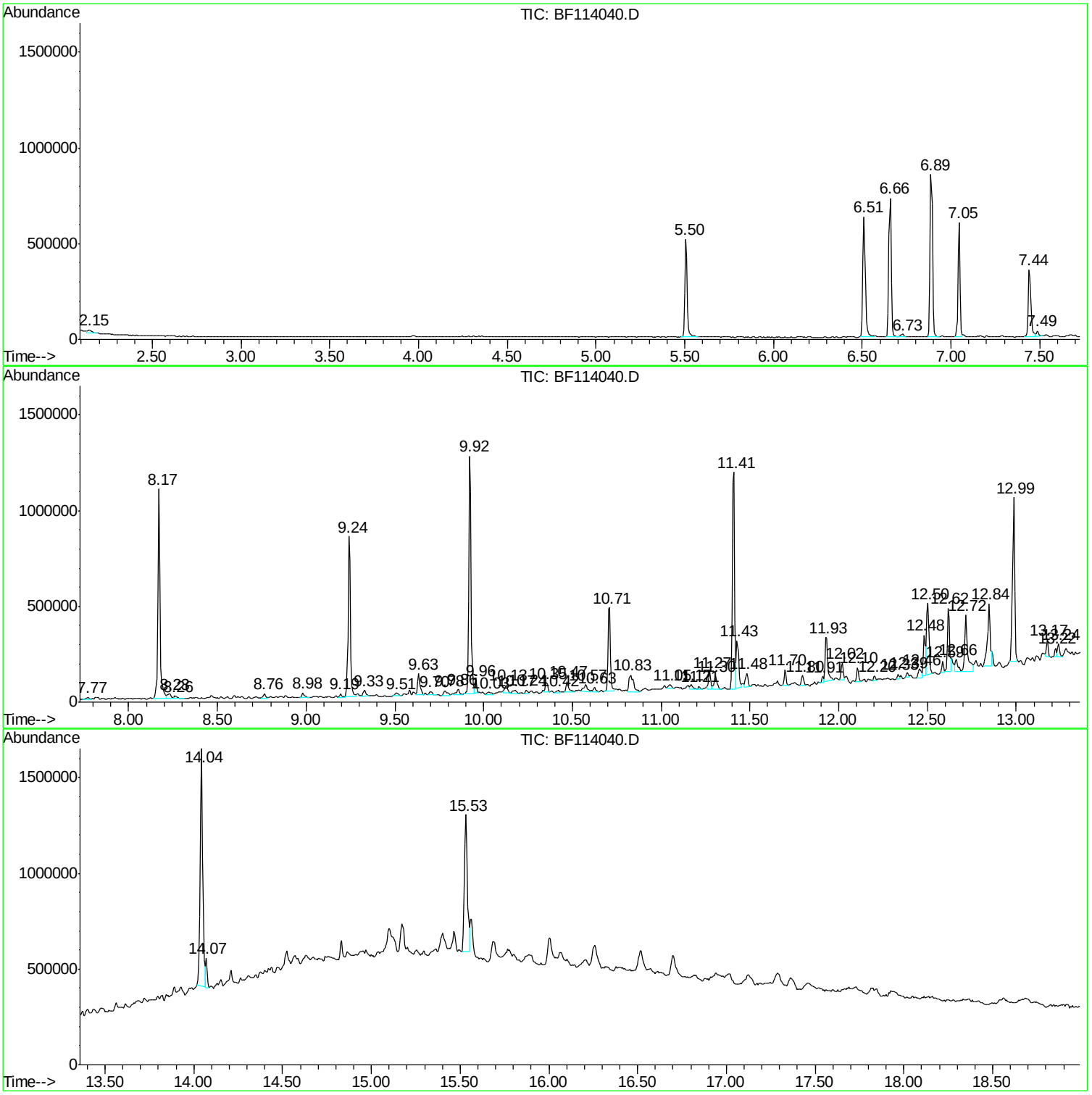
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

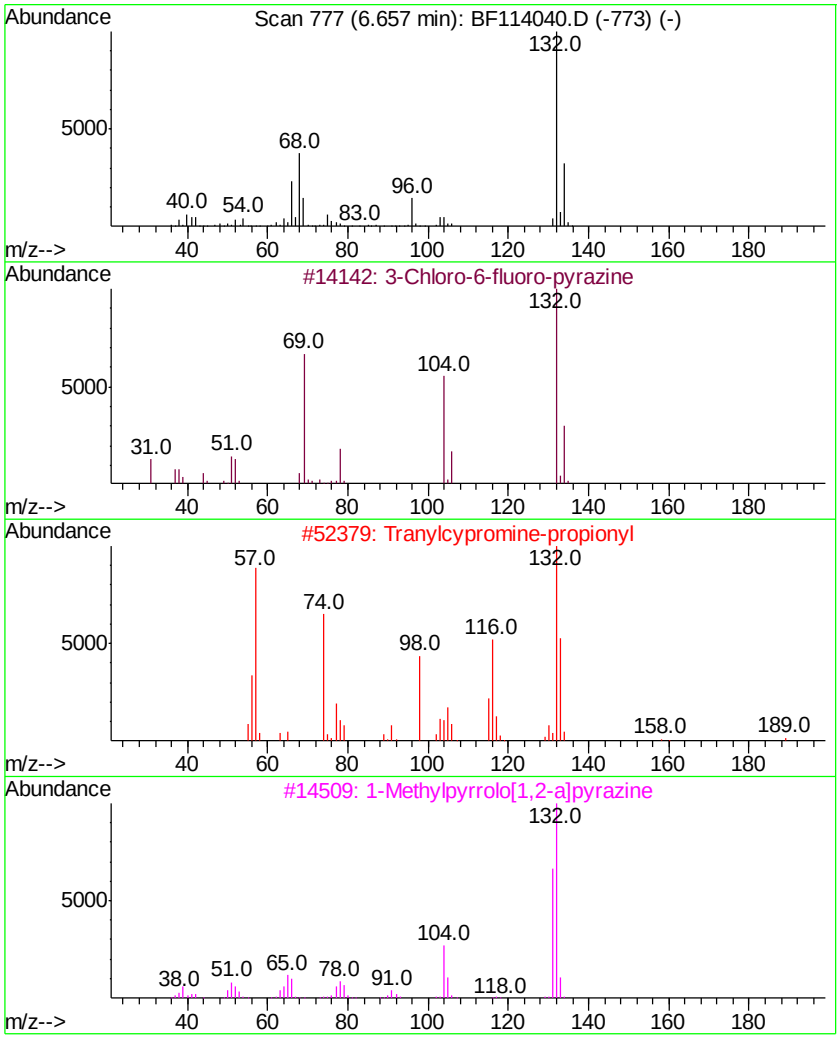
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

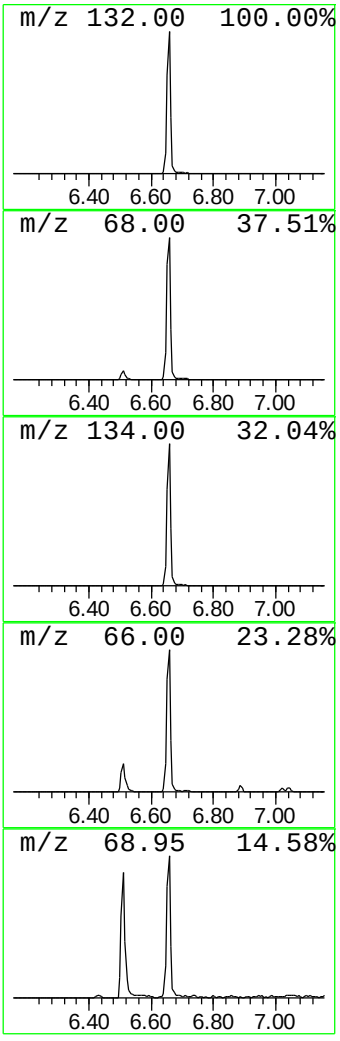
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	16.89 ng	609373	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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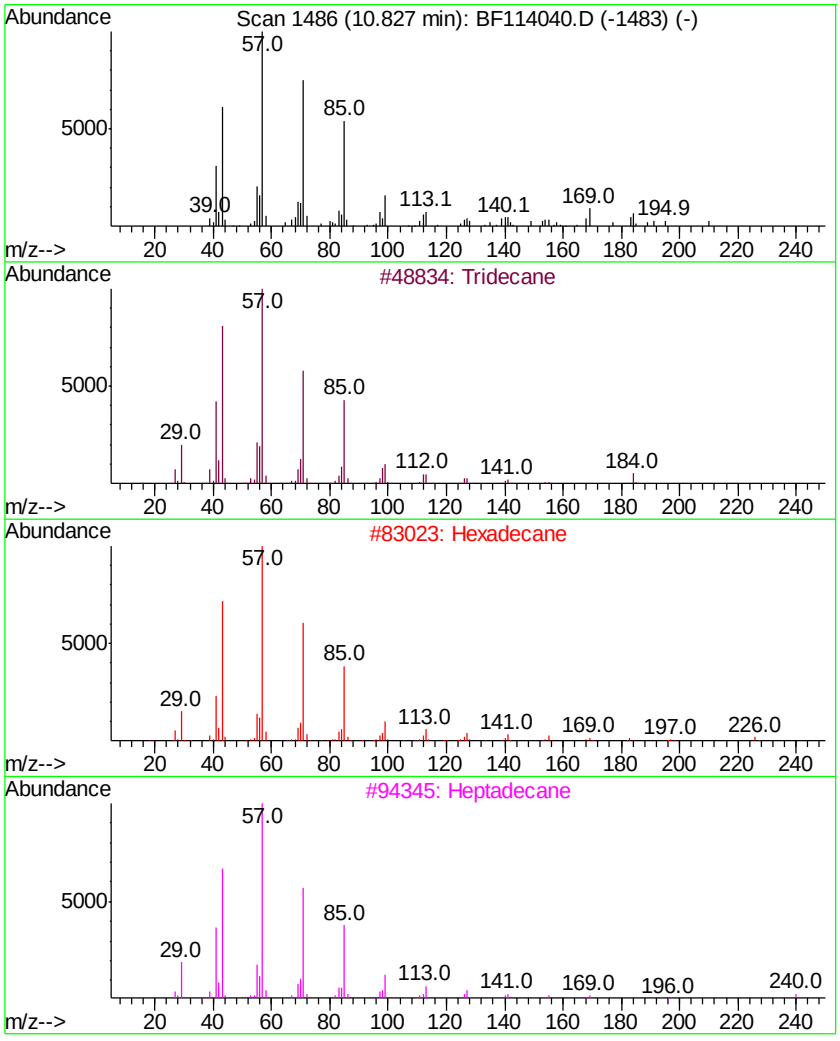
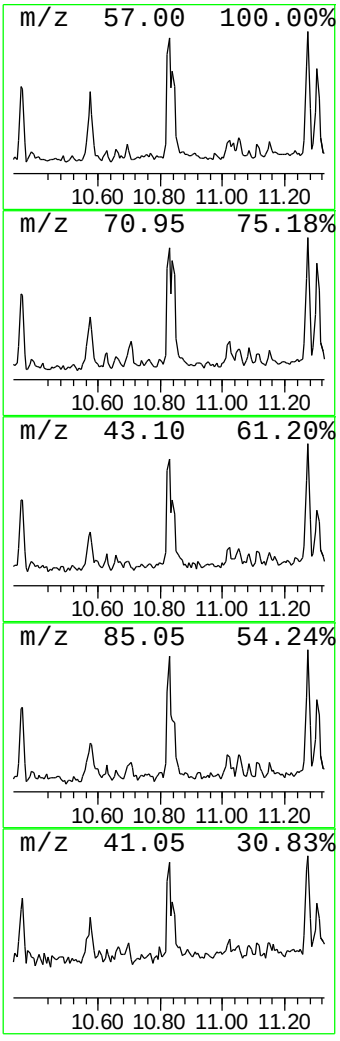
Peak Number 3 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.65 ng	145448	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetracosane	338	C24H50	000646-31-1	72
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

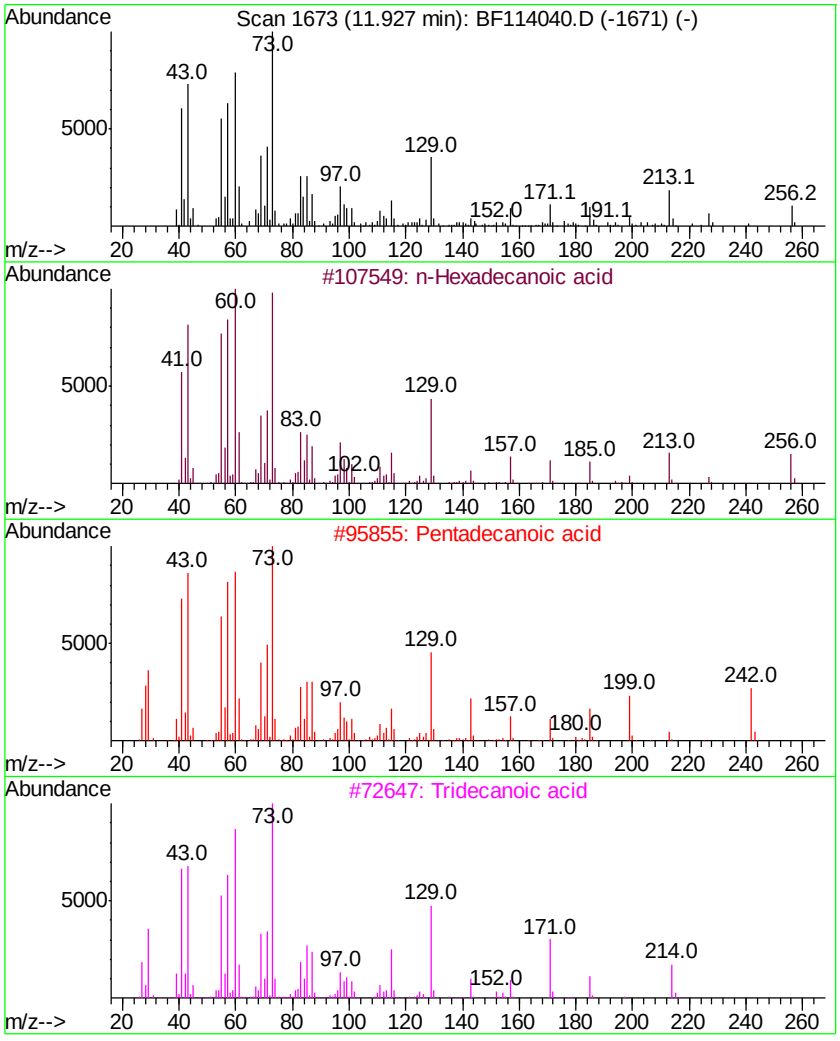
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

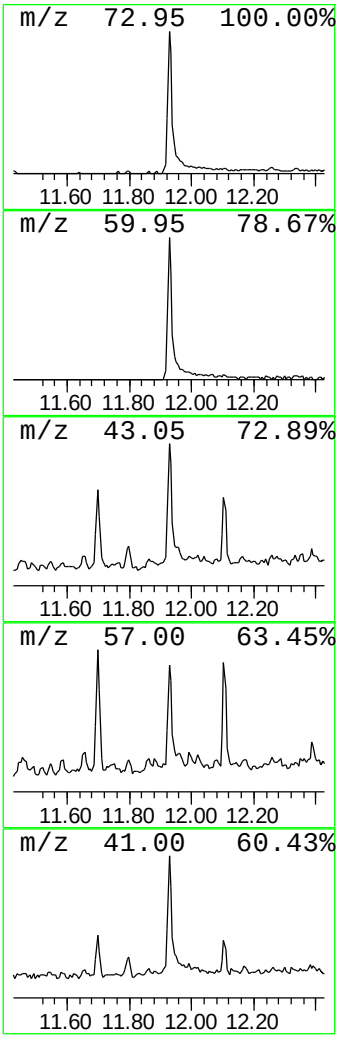
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.68 ng	257313	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

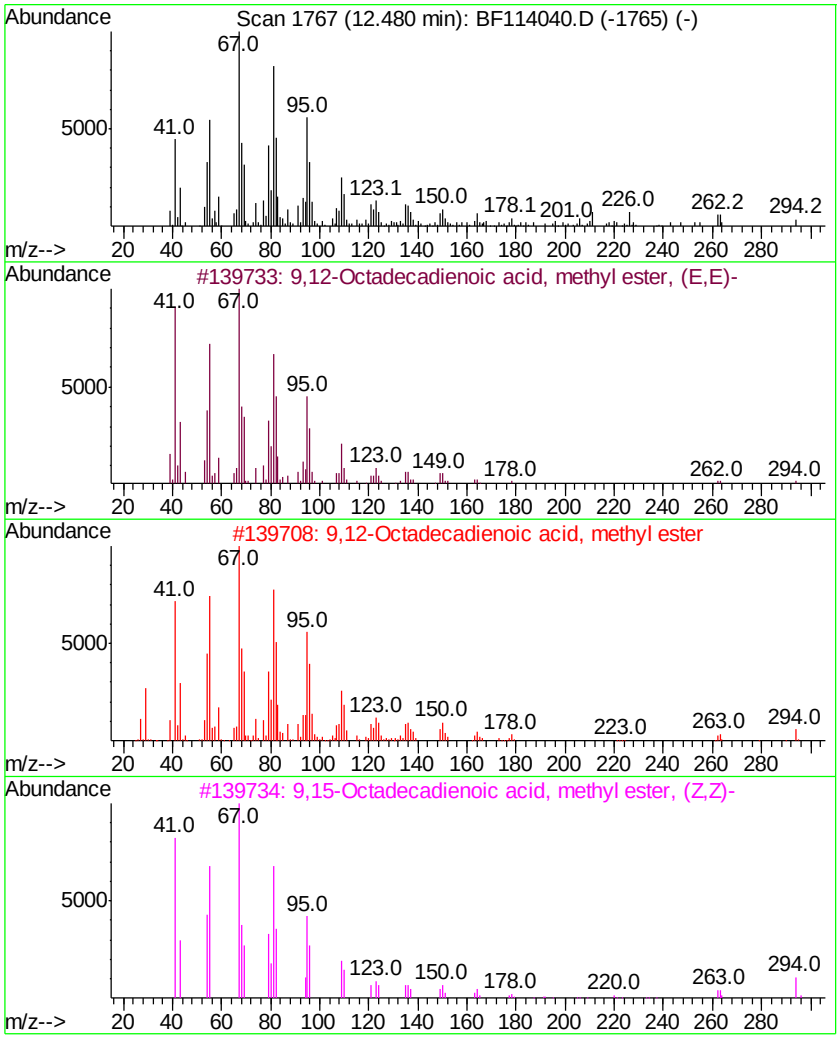
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

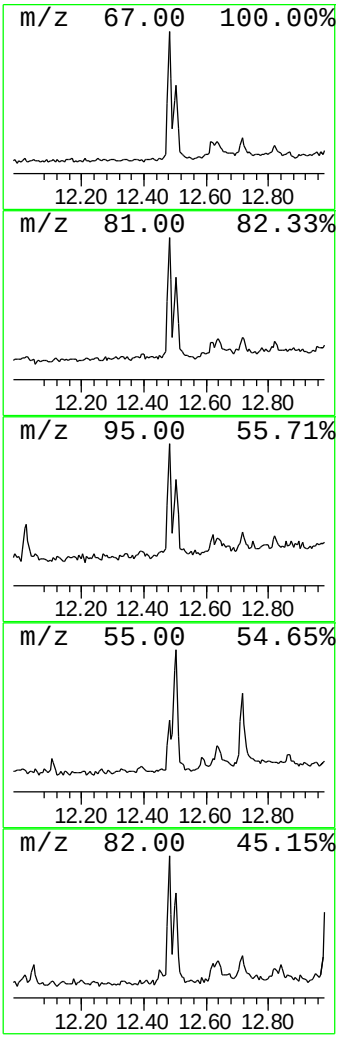
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.94 ng	216434	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

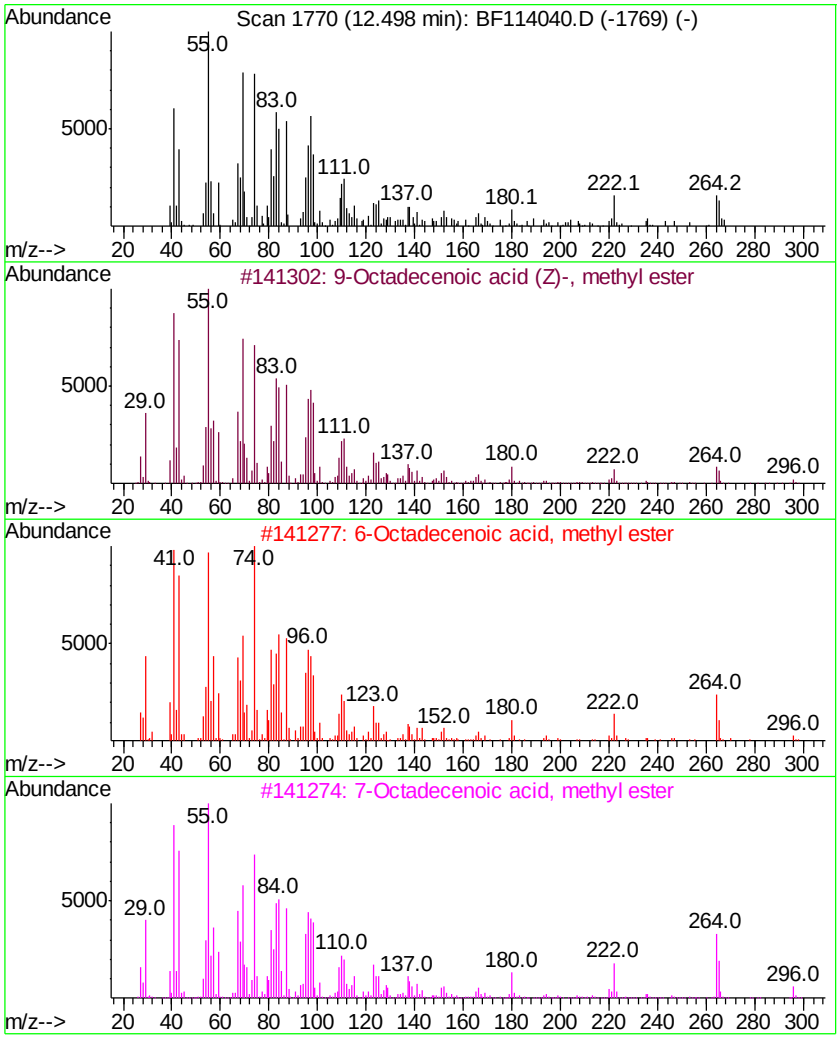
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

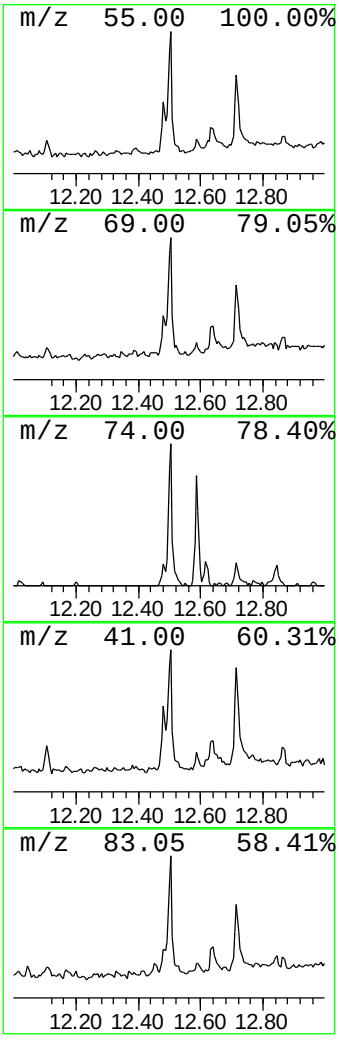
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.55 ng	304874	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





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Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

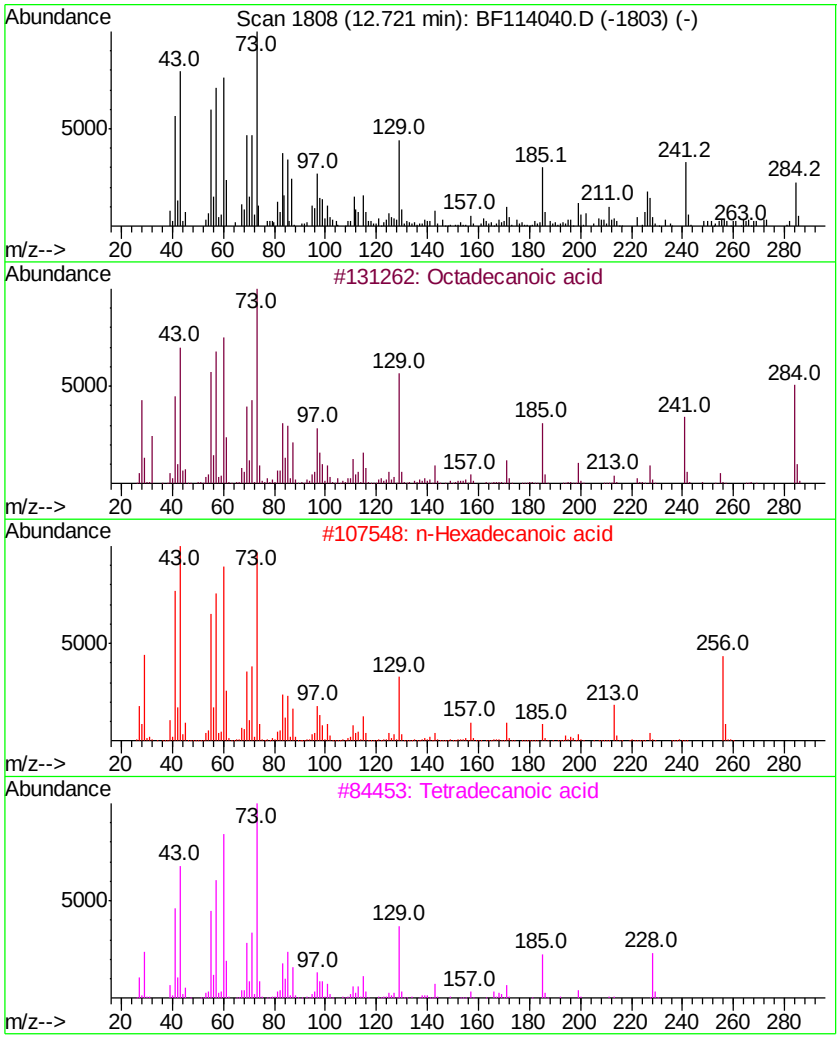
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

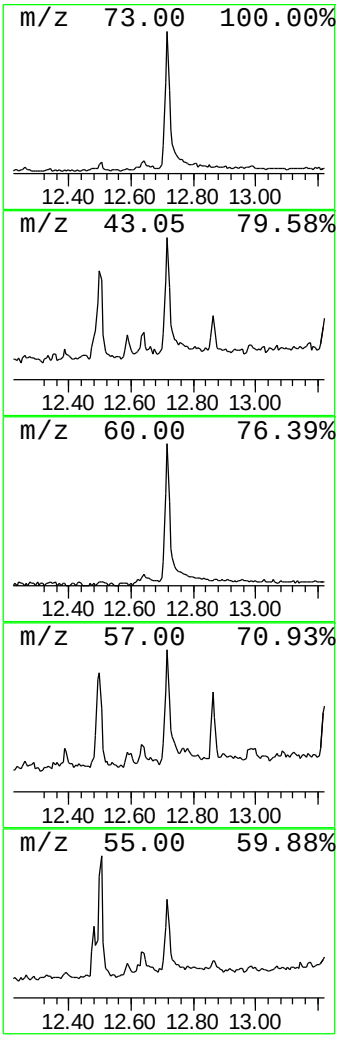
****

Peak Number 7 Octadecanoic acid, 2-(2-hyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	6.64 ng	364747	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	16.9	ng	609373	1	6.89	721484	20.0
Tridecane	10.83	2.6	ng	145448	4	11.41	1098870	20.0
n-Hexadecanoic acid	11.93	4.7	ng	257313	4	11.41	1098870	20.0
9,12-Octadecadien...	12.48	3.9	ng	216434	4	11.41	1098870	20.0
9-Octadecenoic ac...	12.50	5.5	ng	304874	4	11.41	1098870	20.0
Octadecanoic acid...	12.72	6.6	ng	364747	4	11.41	1098870	20.0