LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

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-BF062119.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	4.425	418	423	429	rVB	63453	75012	2.47%	0.187%
2	5.189	549	553	557	rBV	2451820	2289566	75.49%	5.698%
3	6.236	726	731	734	rBV	2679142	2428526	80.07%	6.044%
4	6.260	734	735	743	rVB	66035	63176	2.08%	0.157%
5	6.366	749	753	756	rBV	2912898	2543773	83.87%	6.331%
6	6.601	789	793	796	rBV	2142615	1832505	60.42%	4.561%
7	6.754	815	819	822	rBV	2635817	2067790	68.18%	5.146%
8	7.154	883	887	891	rBV	1604585	1493473	49.24%	3.717%
9	7.878	1006	1010	1014	rBV	2657430	2359278	77.79%	5.872%
10	8.954	1189	1193	1196	rBV	3662424	3032868	100.00%	7.548%
11	9.054	1207	1210	1214	rVB	73322	61486	2.03%	0.153%
12	9.213	1233	1237	1241	rBV2	29502	47739	1.57%	0.119%
13	9.289	1245	1250	1252	rBV	50572	57323	1.89%	0.143%
14	9.348	1257	1260	1263	rBV	385490	310982	10.25%	0.774%
15	9.483	1280	1283	1286	rBV	63225	51706	1.70%	0.129%
16	9.583	1297	1300	1303	rBV	115703	84614	2.79%	0.211%
17	9.624	1303	1307	1311	rVV	3220006	2704275	89.17%	6.730%
18	9.654	1311	1312	1316	rVB	105601	76277	2.52%	0.190%
19	9.824	1336	1341	1346	rBV3	62130	94680	3.12%	0.236%
20	9.901	1351	1354	1358	rVB5	38886	39829	1.31%	0.099%
21	9.942	1358	1361	1363	rBV2	39618	43259	1.43%	0.108%
22	10.077	1381	1384	1387	rVB	141560	104797	3.46%	0.261%
23	10.166	1396	1399	1403	rBV	135854	102023	3.36%	0.254%
24	10.301	1417	1422	1424	rBV	54542	58137	1.92%	0.145%
25	10.407	1436	1440	1445	rVB	2027996	1823714	60.13%	4.539%
26	10.548	1461	1464	1471	rVB	164089	183711	6.06%	0.457%
27	10.713	1488	1492	1495	rBV2	36884	42803	1.41%	0.107%
28	10.742	1495	1497	1501	rVV3	48994	44377	1.46%	0.110%
29	10.866	1515	1518	1523	rVB4	31183	41219	1.36%	0.103%
30	10.995	1537	1540	1543	rVB	220927	161602	5.33%	0.402%
31	11.024	1543	1545	1549	rVB	66540	59953	1.98%	0.149%
32	11.095	1553	1557	1560	rBV	2865013	2849675	93.96%	7.092%
33	11.119	1560	1561	1565	rVV	758716	480151	15.83%	1.195%
34	11.171	1567	1570	1573	rVB	175221	150217	4.95%	0.374%

LSC Area Percent Report

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Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.324	1594	1596	1600	rBV2	38832	36827	1.21%	0.092%
36	11.418	1609	1612	1618	rVB2	165800	163670	5.40%	0.407%
37	11.518	1625	1629	1632	rVB2	307035	283999	9.36%	0.707%
38	11.595	1637	1642	1645	rBV	143313	165316	5.45%	0.411%
39	11.624	1645	1647	1649	rVV	173073	150222	4.95%	0.374%
40	11.648	1649	1651	1654	rVV	517845	458600	15.12%	1.141%
41	11.707	1658	1661	1663	rVV	211292	213466	7.04%	0.531%
42	11.730	1663	1665	1668	rVB	81914	69515	2.29%	0.173%
43	11.824	1678	1681	1684	rVB2	147953	123288	4.07%	0.307%
44	11.889	1690	1692	1694	rBV	63663	55802	1.84%	0.139%
45	12.071	1720	1723	1725	rBV	54697	47271	1.56%	0.118%
46	12.142	1732	1735	1738	rBV	102605	114180	3.76%	0.284%
47	12.195	1741	1744	1746	rVV	815343	664838	21.92%	1.655%
48	12.218	1746	1748	1751	rVB	1159270	859155	28.33%	2.138%
49	12.301	1758	1762	1766	rBV	585100	554662	18.29%	1.380%
50	12.354	1768	1771	1775	rBV3	62999	93559	3.08%	0.233%
51	12.430	1781	1784	1792	rBV4	226253	342669	11.30%	0.853%
52	12.524	1796	1800	1803	rVV	553042	551117	18.17%	1.372%
53	12.583	1807	1810	1815	rVB3	102738	128684	4.24%	0.320%
54	12.677	1822	1826	1830	rBV	3422800	2954903	97.43%	7.354%
55	12.854	1854	1856	1860	rVB	108551	92292	3.04%	0.230%
56	12.918	1865	1867	1869	rBV	95477	89789	2.96%	0.223%
57	13.077	1892	1894	1897	rVB	70632	55927	1.84%	0.139%
58	13.124	1900	1902	1905	rBV3	67964	64931	2.14%	0.162%
59	13.718	1998	2003	2006	rBV	2532212	2515183	82.93%	6.260%
60	13.742	2006	2007	2009	rVB	158737	71404	2.35%	0.178%
61	15.083	2231	2235	2239	rVB	1323599	1399413	46.14%	3.483%

Sum of corrected areas: 40181198

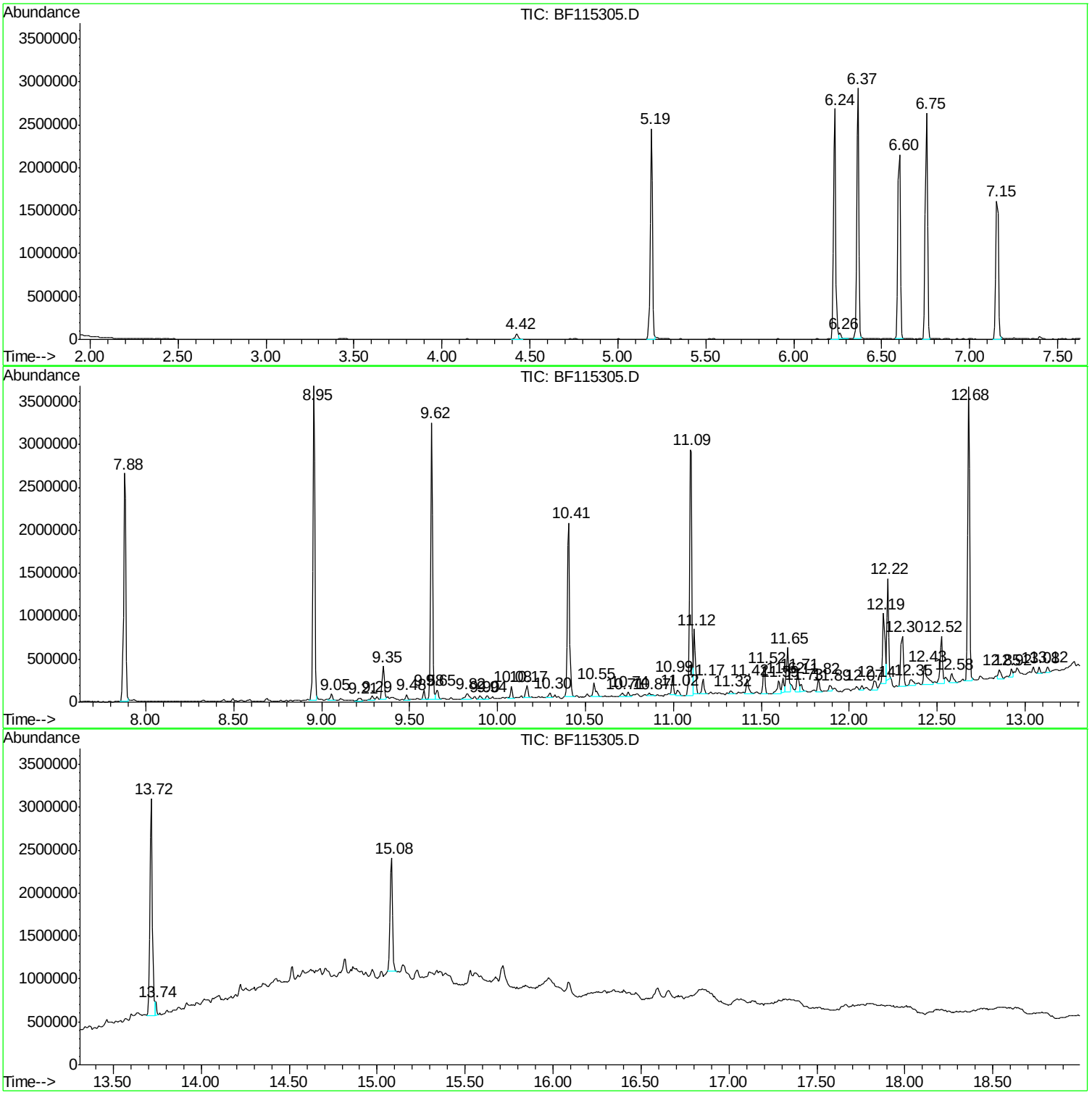
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

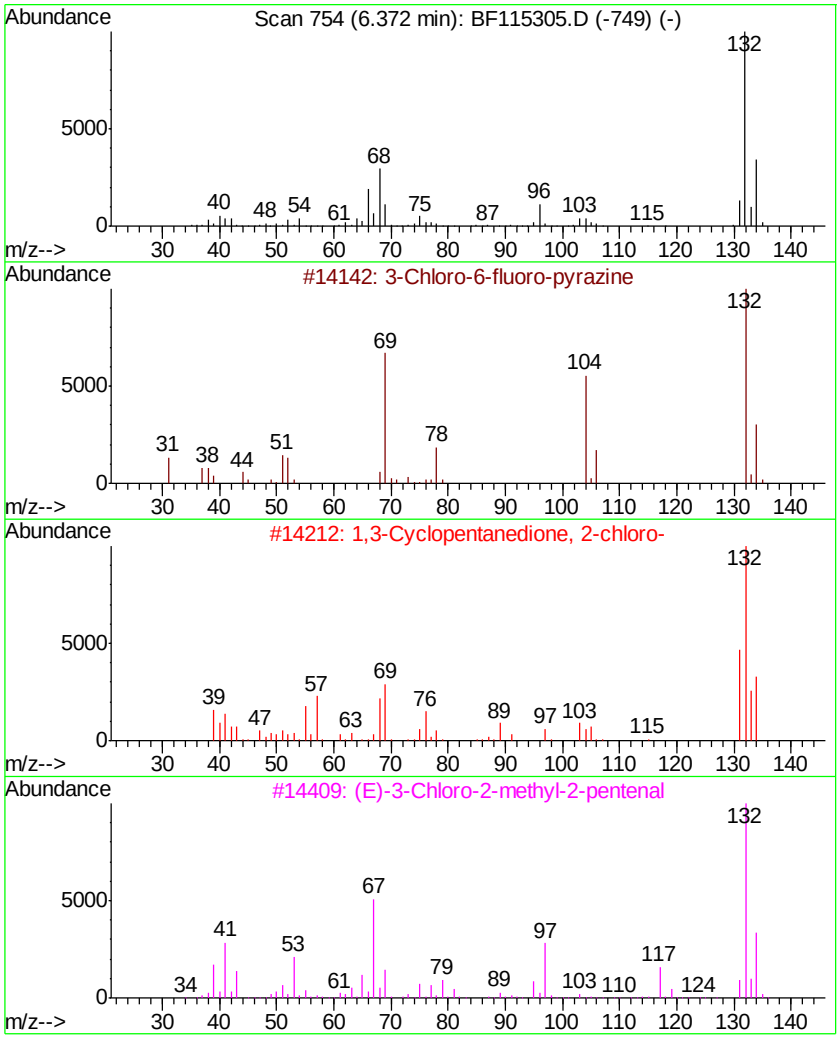
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

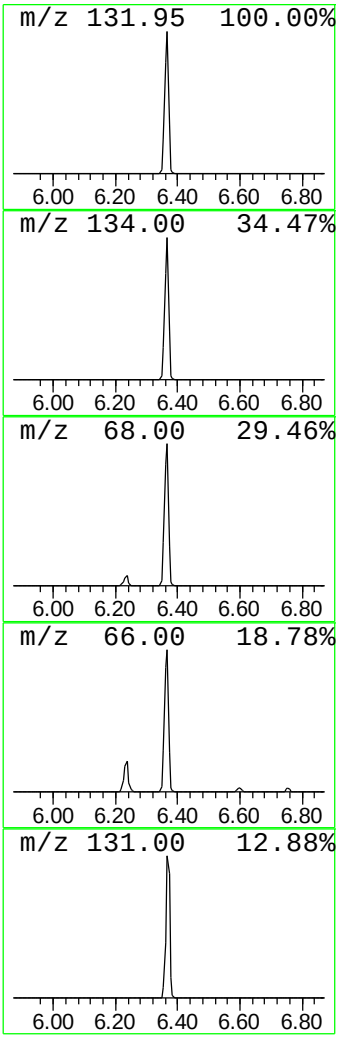
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	27.76 ng	2543770	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

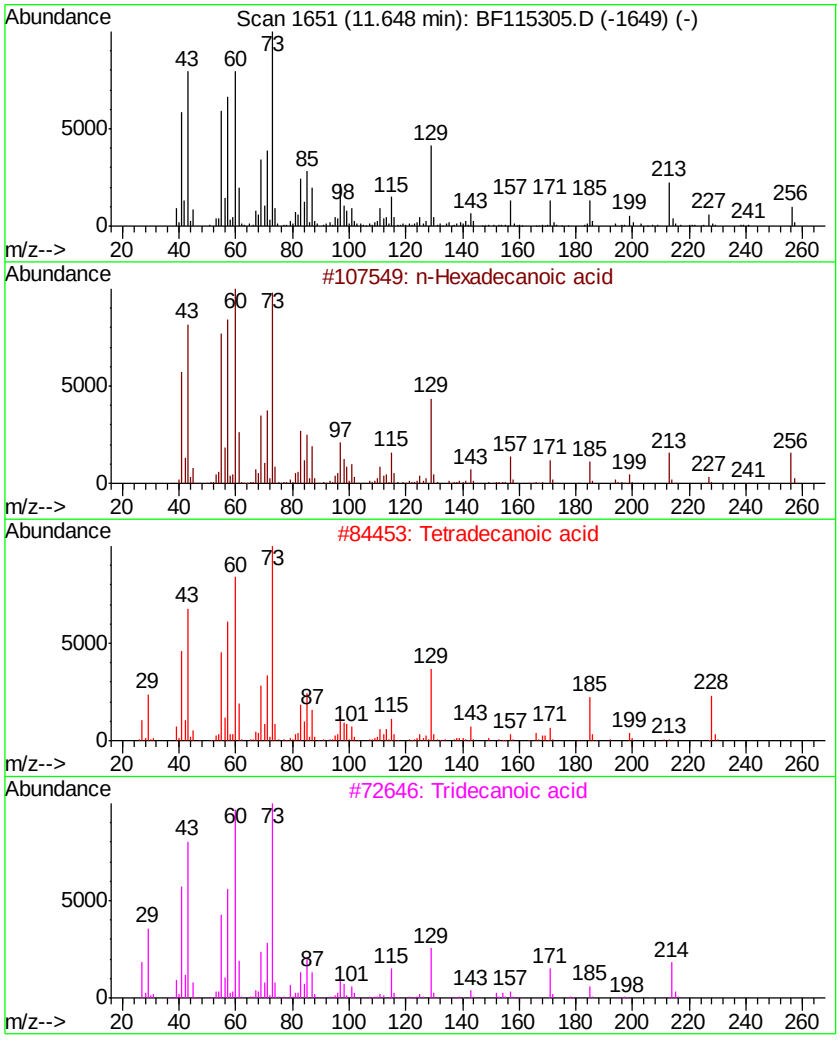
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

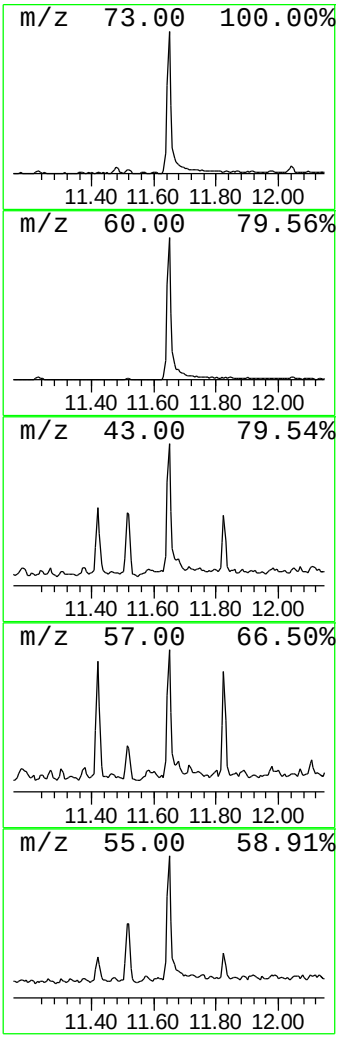
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.22 ng	458600	Phenanthrene-d10	11.10

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
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Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

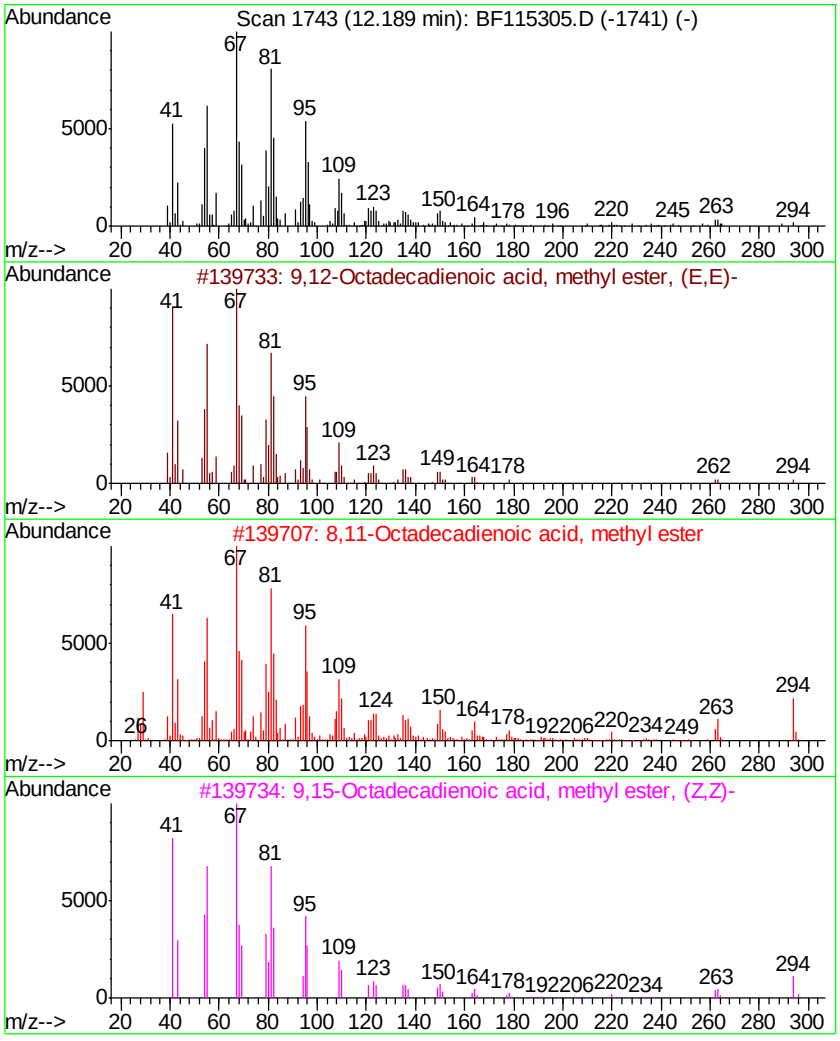
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

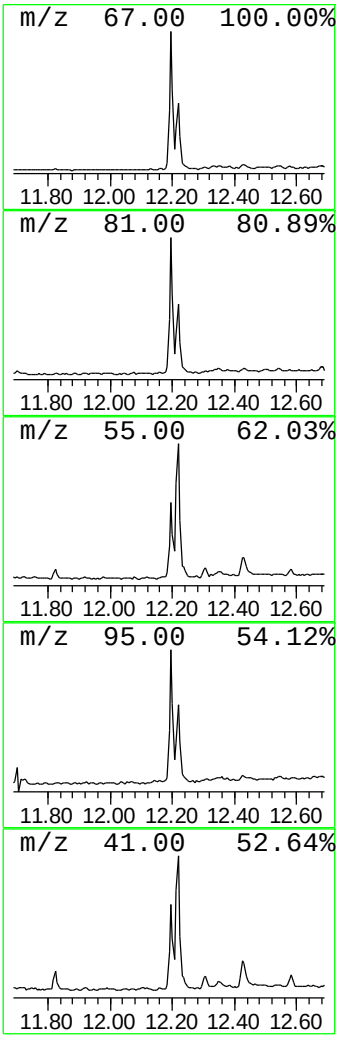
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.67 ng	664838	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

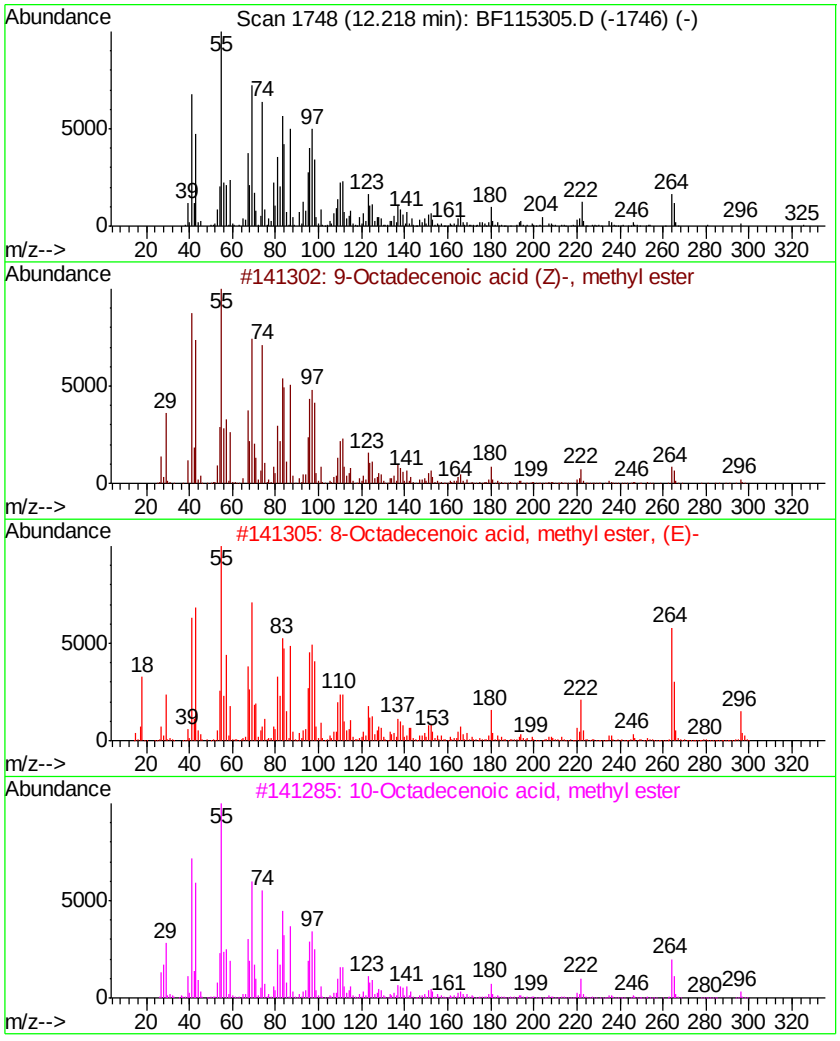
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

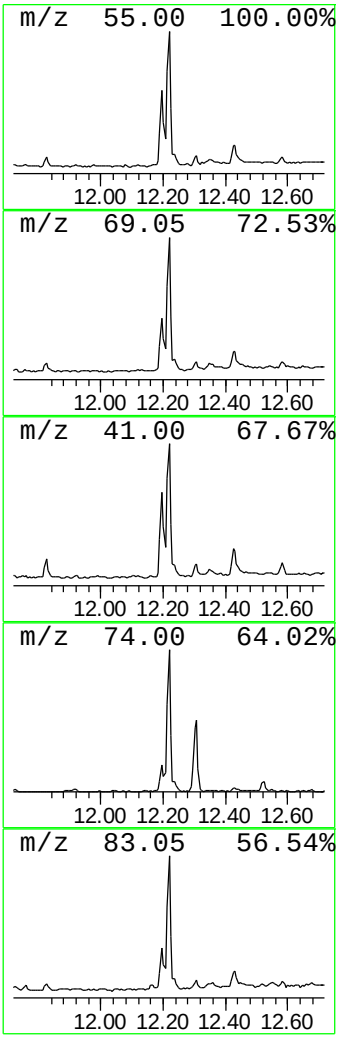
****

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	6.03 ng	859155	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
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Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

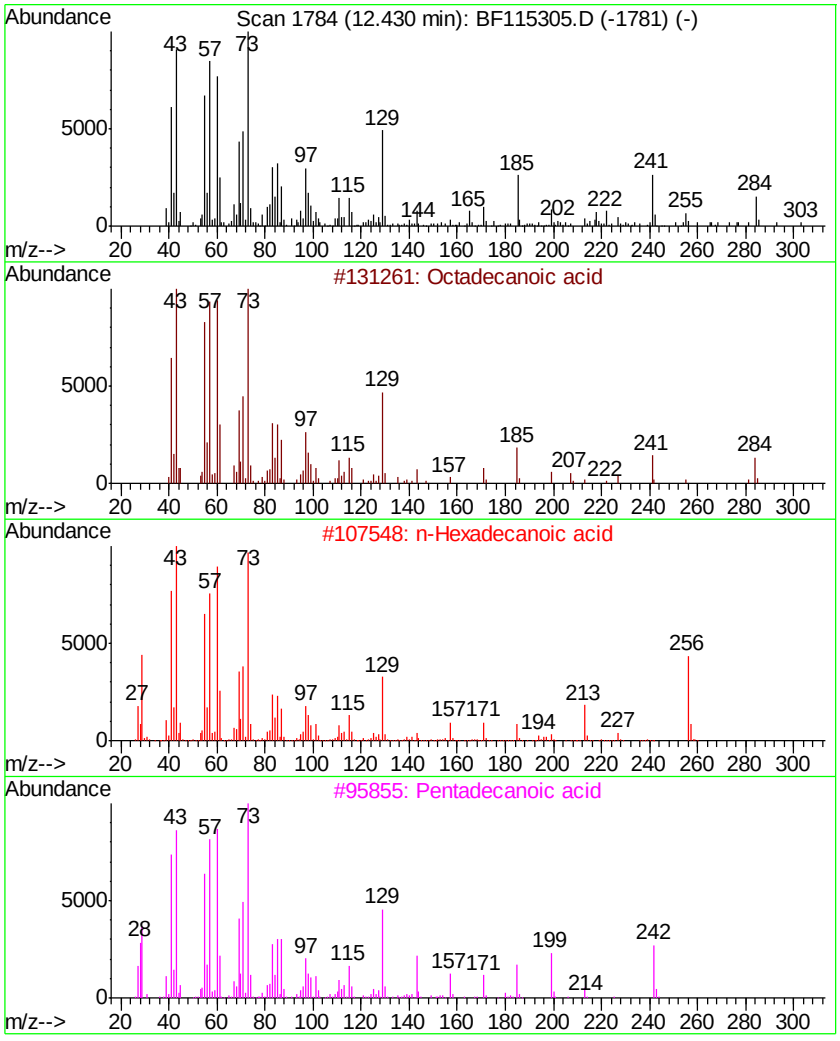
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

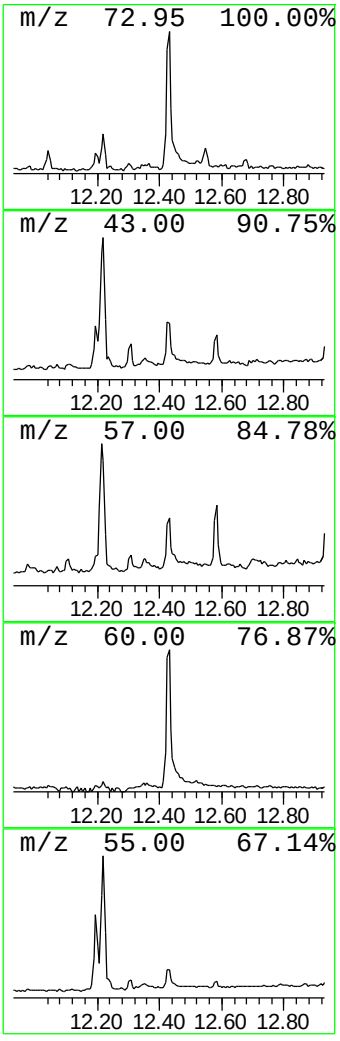
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.72 ng	342669	Chrysene-d12	13.72

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	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
Data File : BF115305.D
Acq On : 29 Jun 2019 1:54
Operator : HP/JU
Sample : K3158-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-062719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	27.8	ng	2543770	1	6.60	1832510	20.0
n-Hexadecanoic acid	11.65	3.2	ng	458600	4	11.10	2849680	20.0
9,12-Octadecadien...	12.19	4.7	ng	664838	4	11.10	2849680	20.0
9-Octadecenoic ac...	12.22	6.0	ng	859155	4	11.10	2849680	20.0
Octadecanoic acid	12.43	2.7	ng	342669	5	13.72	2515180	20.0