LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013314.D
Acq On : 11 Dec 2017 21:12
Operator : SJ/JU
Sample : I6775-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.863	636	642	654	rBV	654761	1195754	19.59%	2.078%
2	7.028	664	670	680	rVB	509220	791410	12.96%	1.375%
3	7.222	697	703	711	rBV	698774	1081813	17.72%	1.880%
4	7.687	775	782	790	rBV	560470	893138	14.63%	1.552%
5	8.392	895	902	913	rBV	870402	1410964	23.11%	2.451%
6	8.839	971	978	985	rBV	707157	1147167	18.79%	1.993%
7	9.557	1091	1100	1111	rBV	605629	1008003	16.51%	1.751%
8	10.092	1181	1191	1206	rBV	923729	1525199	24.98%	2.650%
9	10.469	1248	1255	1261	rBV	773180	1300366	21.30%	2.259%
10	10.610	1269	1279	1294	rBV	861591	1503632	24.63%	2.612%
11	12.257	1553	1559	1568	rBV	248999	437201	7.16%	0.760%
12	13.157	1706	1712	1719	rVB2	54073	82201	1.35%	0.143%
13	13.745	1805	1812	1816	rBV	1875341	2527048	41.39%	4.391%
14	13.792	1816	1820	1829	rVB	296564	424333	6.95%	0.737%
15	14.021	1852	1859	1869	rBV	1957522	2878016	47.14%	5.000%
16	14.239	1890	1896	1900	rBV	79353	103485	1.69%	0.180%
17	14.327	1902	1911	1917	rBV2	1152067	1856779	30.41%	3.226%
18	14.392	1917	1922	1929	rVB	406394	581386	9.52%	1.010%
19	14.539	1939	1947	1955	rBV	789756	1281179	20.98%	2.226%
20	14.727	1974	1979	1988	rVB	560511	842832	13.80%	1.464%
21	15.192	2054	2058	2064	rVB2	107479	137389	2.25%	0.239%
22	15.327	2074	2081	2086	rBV	2542605	3539240	57.97%	6.149%
23	15.380	2086	2090	2096	rVB	461420	626422	10.26%	1.088%
24	15.451	2096	2102	2109	rBV	824407	1159108	18.98%	2.014%
25	15.574	2114	2123	2124	rBV7	32763	66210	1.08%	0.115%
26	15.886	2171	2176	2182	rBV	306027	434996	7.12%	0.756%
27	16.057	2199	2205	2213	rBV2	94322	176006	2.88%	0.306%
28	16.733	2317	2320	2330	rVB3	43984	69413	1.14%	0.121%
29	16.892	2343	2347	2353	rVB	97768	139433	2.28%	0.242%
30	17.080	2370	2379	2383	rBV	1680329	2449177	40.11%	4.255%
31	17.115	2383	2385	2390	rVV	152463	195595	3.20%	0.340%
32	17.174	2390	2395	2406	rVB	2969230	4346882	71.20%	7.552%
33	17.268	2406	2411	2416	rBV	74262	115312	1.89%	0.200%
34	17.480	2438	2447	2456	rBV	587017	940369	15.40%	1.634%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F9A08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

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Title : SVOA CALIBRATION

35	17.980	2525	2532	2543	rBV2	207296	363364	5.95%	0.631%
36	19.109	2720	2724	2726	rBV	47130	69354	1.14%	0.120%
37	19.268	2746	2751	2755	rBV4	75373	100531	1.65%	0.175%
38	19.362	2761	2767	2771	rBV	40569	61845	1.01%	0.107%
39	19.474	2778	2786	2793	rBV	4111731	5580227	91.40%	9.695%
40	19.874	2850	2854	2860	rBV3	75399	131331	2.15%	0.228%
41	19.950	2861	2867	2873	rBV	672959	958019	15.69%	1.665%
42	20.986	3039	3043	3051	rBV2	222619	294203	4.82%	0.511%
43	21.262	3085	3090	3097	rBV	2583189	3419956	56.01%	5.942%
44	23.356	3438	3446	3458	rVB2	3168013	6105457	100.00%	10.608%
45	23.491	3462	3469	3477	rVB	1735581	3204059	52.48%	5.567%

Sum of corrected areas: 57555804

LSC Report - Integrated Chromatogram

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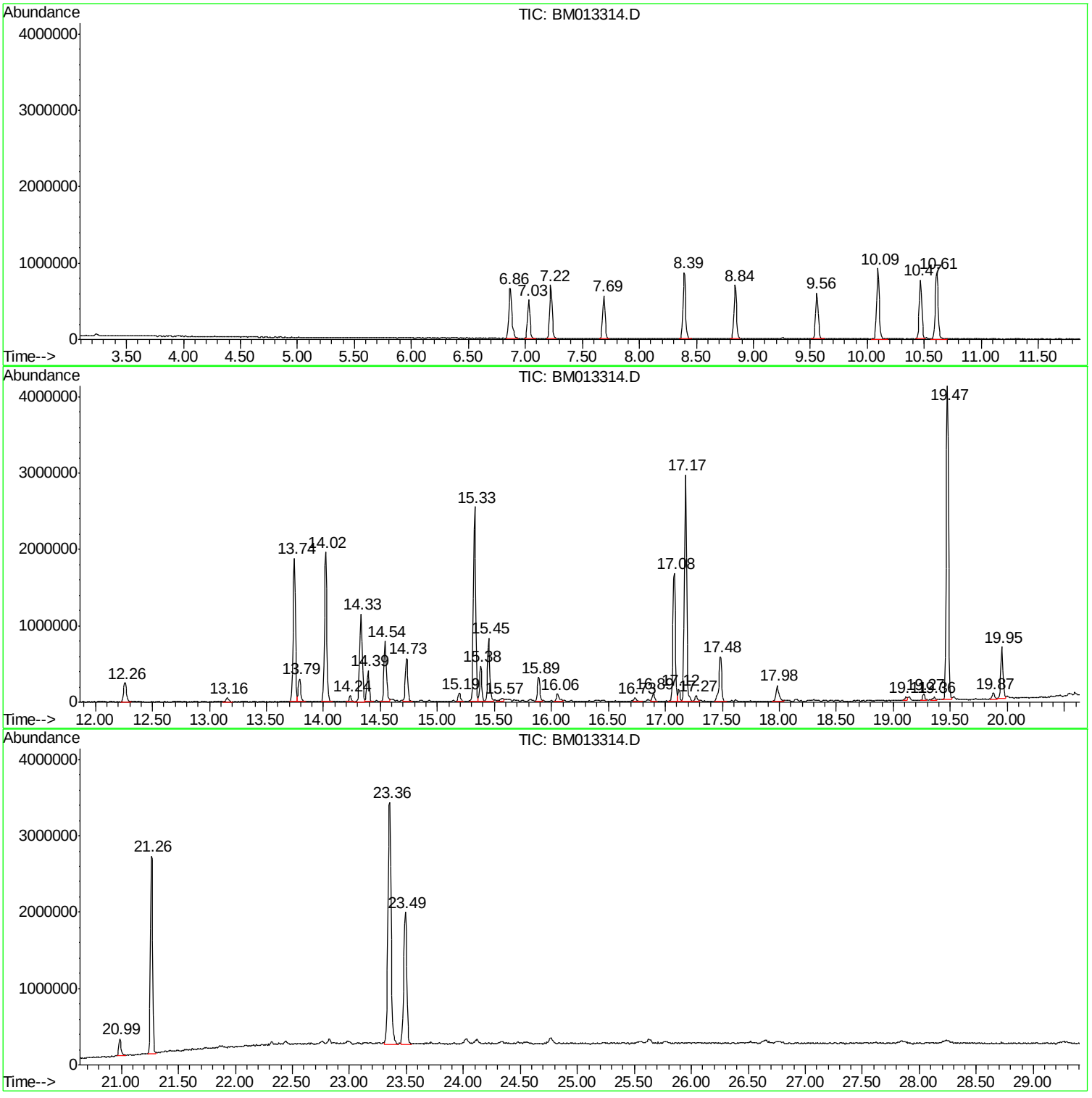
Sample : I6775-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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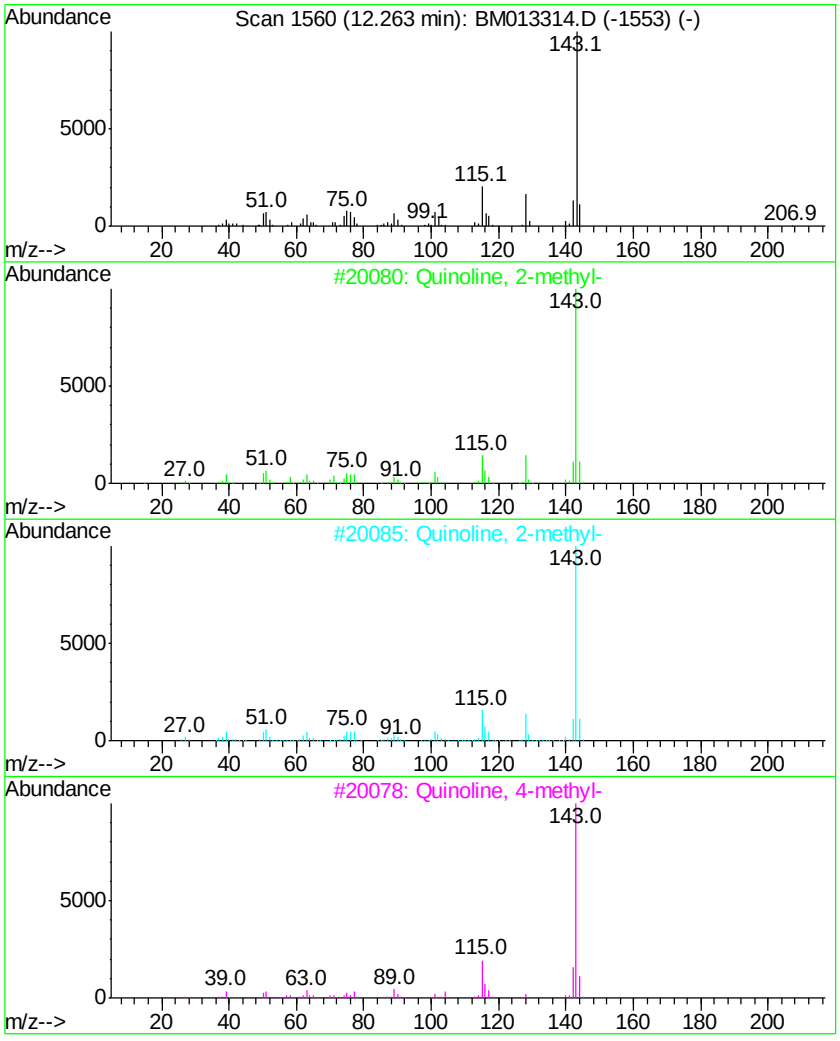
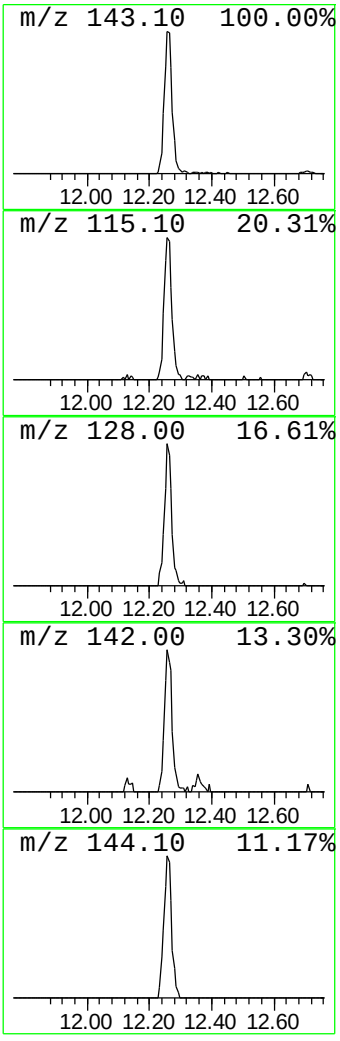
Peak Number 1 Quinoline, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.72 ng/ul	437201	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	87
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87





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Instrument : BNA_M
ClientSampleId : F9A08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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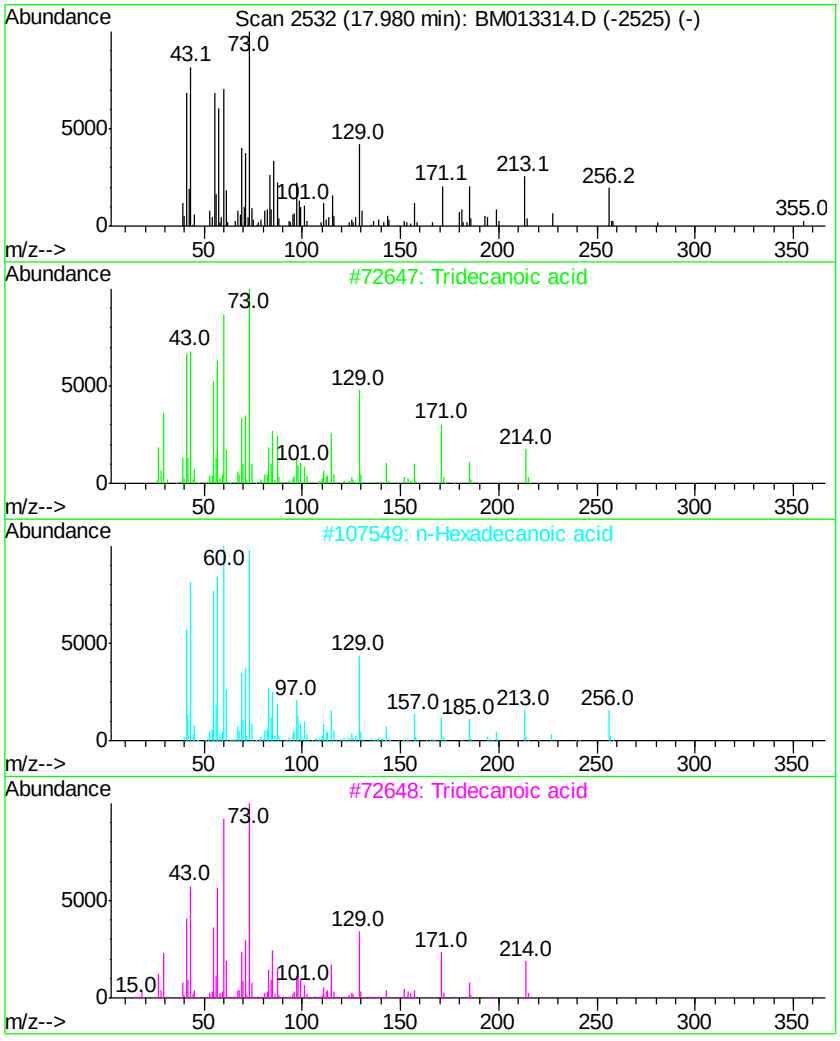
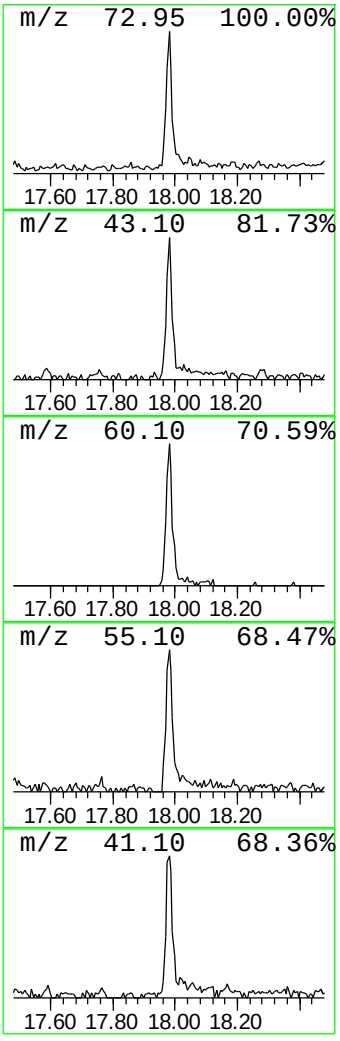
Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.97 ng/ul	363364	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





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Quant Title : SVOA CALIBRATION

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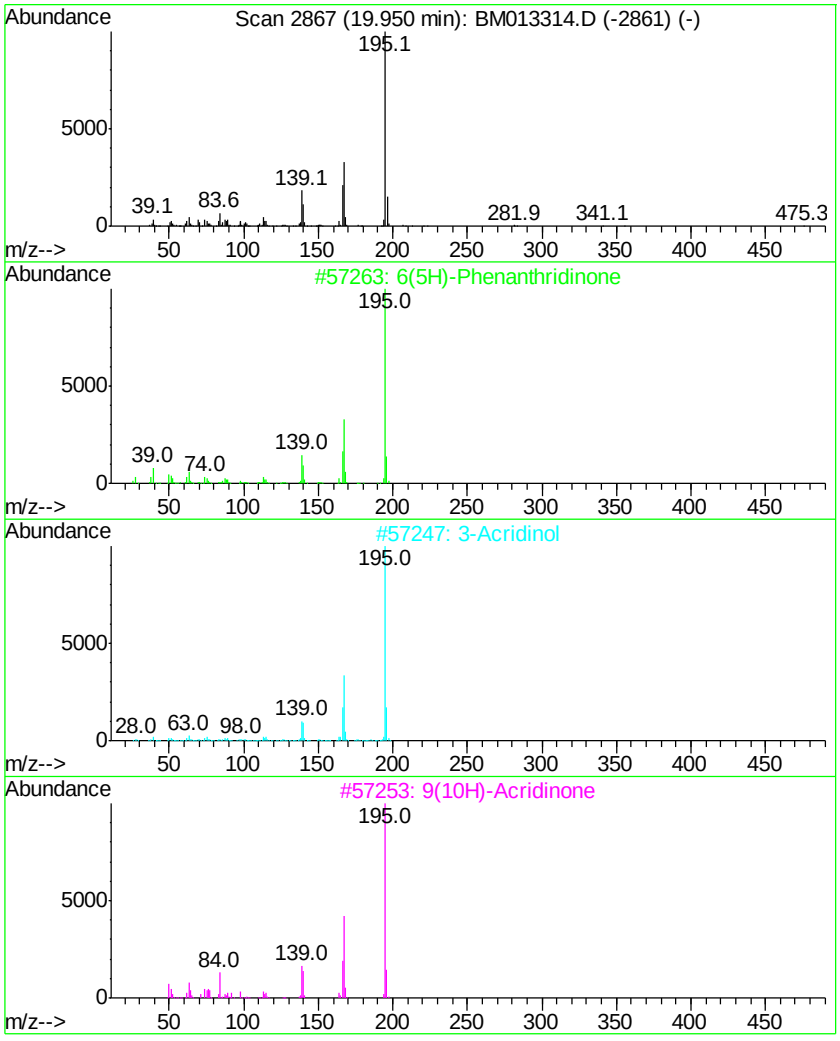
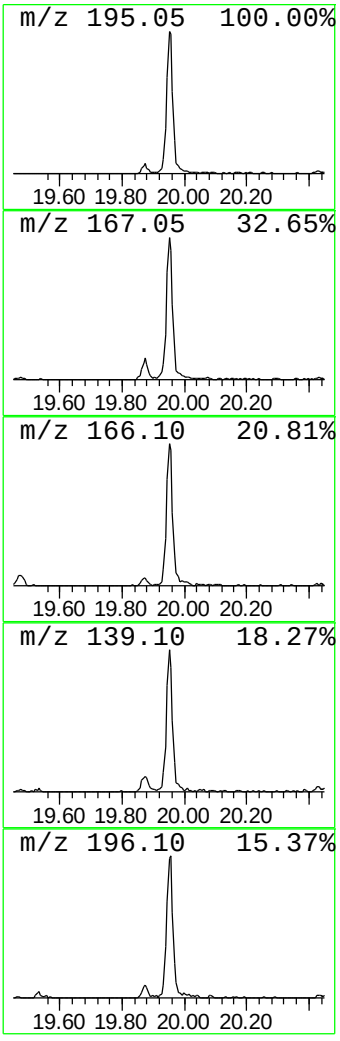
Peak Number 4 6(5H)-Phenanthridinone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	5.60 ng/ul	958019	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	3-Acridinol	195	C13H9NO	007132-70-9	95
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Quinoline, 2-methyl-	12.26	6.7	ng/ul	437201	2	10.47	1300370	20.0
Tridecanoic acid	17.98	3.0	ng/ul	363364	4	17.08	2449180	20.0
6(5H)-Phenanthrid...	19.95	5.6	ng/ul	958019	5	21.27	3419960	20.0