LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124251.D
Acq On : 11 Jun 2021 1:13
Operator : JU/CG
Sample : M2651-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEP-CRANE-PAD-EXCAVATION

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	10	13	20	rVB4	4524	8551	2.39%	0.210%
2	5.045	501	503	508	rBB	13758	12718	3.56%	0.312%
3	5.475	572	576	586	rBV	242963	226250	63.35%	5.549%
4	6.486	745	748	758	rBV	265209	229511	64.26%	5.629%
5	6.681	779	781	786	rBB2	6416	5695	1.59%	0.140%
6	6.845	806	809	813	rBV	289739	244101	68.35%	5.987%
7	7.410	901	905	914	rBB	174707	161516	45.22%	3.962%
8	8.133	1024	1028	1031	rBV	379448	310087	86.82%	7.606%
9	9.204	1207	1210	1213	rBV	414839	308276	86.31%	7.561%
10	9.598	1274	1277	1282	rVB	55075	44651	12.50%	1.095%
11	9.886	1323	1326	1330	rBV	461960	357155	100.00%	8.760%
12	9.916	1330	1331	1335	rVB	7856	4924	1.38%	0.121%
13	10.433	1416	1419	1422	rBV	5387	5237	1.47%	0.128%
14	10.674	1457	1460	1464	rBV	194317	163358	45.74%	4.007%
15	10.798	1475	1481	1483	rBV3	4499	7098	1.99%	0.174%
16	10.986	1509	1513	1515	rBV2	3513	5893	1.65%	0.145%
17	11.180	1542	1546	1548	rVB4	3779	4440	1.24%	0.109%
18	11.233	1552	1555	1558	rVV5	7091	8966	2.51%	0.220%
19	11.274	1558	1562	1566	rVB3	6383	9314	2.61%	0.228%
20	11.374	1575	1579	1582	rBV	372018	306598	85.84%	7.520%
21	11.398	1582	1583	1586	rVV	53730	32782	9.18%	0.804%
22	11.451	1589	1592	1594	rVV	14245	12363	3.46%	0.303%
23	11.474	1594	1596	1599	rVB3	4821	4582	1.28%	0.112%
24	11.610	1616	1619	1622	rBV4	5366	5398	1.51%	0.132%
25	11.874	1659	1664	1666	rBV5	9748	10308	2.89%	0.253%
26	11.898	1666	1668	1671	rVV3	34262	33708	9.44%	0.827%
27	11.951	1675	1677	1680	rVV3	7046	8302	2.32%	0.204%
28	11.992	1680	1684	1686	rVV3	13264	15834	4.43%	0.388%
29	12.010	1686	1687	1690	rVB2	7469	5672	1.59%	0.139%
30	12.168	1711	1714	1716	rBV3	7640	9335	2.61%	0.229%
31	12.433	1756	1759	1760	rBV3	7996	8745	2.45%	0.214%
32	12.457	1761	1763	1767	rVV5	9672	10497	2.94%	0.257%
33	12.515	1771	1773	1778	rVB4	9808	12200	3.42%	0.299%
34	12.568	1778	1782	1783	rBV2	9034	10722	3.00%	0.263%
35	12.586	1783	1785	1789	rVB	83349	70034	19.61%	1.718%
36	12.686	1798	1802	1805	rBV5	15106	20911	5.85%	0.513%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.727	1805	1809	1810	rBV3	5840	7934	2.22%	0.195%
38	12.774	1815	1817	1818	rVV2	7771	6875	1.92%	0.169%
39	12.815	1820	1824	1828	rVV	80978	92106	25.79%	2.259%
40	12.874	1832	1834	1837	rVB4	9534	9519	2.67%	0.233%
41	12.957	1844	1848	1851	rBV	319016	258480	72.37%	6.340%
42	13.021	1857	1859	1861	rBV3	11571	13557	3.80%	0.333%
43	13.074	1865	1868	1869	rVV3	7899	9381	2.63%	0.230%
44	13.115	1873	1875	1877	rVV3	9833	11423	3.20%	0.280%
45	13.145	1877	1880	1884	rVB5	20420	24864	6.96%	0.610%
46	13.210	1889	1891	1894	rVB4	15204	10205	2.86%	0.250%
47	13.251	1894	1898	1900	rBV5	16686	16577	4.64%	0.407%
48	13.351	1913	1915	1916	rVB2	10113	6385	1.79%	0.157%
49	13.404	1922	1924	1925	rBV2	14428	8513	2.38%	0.209%
50	13.439	1927	1930	1932	rVV	65245	57869	16.20%	1.419%
51	13.868	2000	2003	2007	rBV5	27312	49258	13.79%	1.208%
52	14.015	2024	2028	2031	rBV2	318622	336058	94.09%	8.243%
53	14.045	2031	2033	2035	rVB	35026	24769	6.94%	0.608%
54	14.168	2052	2054	2056	rBV3	17502	8974	2.51%	0.220%
55	15.068	2203	2207	2213	rBV4	45616	84675	23.71%	2.077%
56	15.439	2266	2270	2273	rBV3	31120	42033	11.77%	1.031%
57	15.498	2277	2280	2287	rVB	153325	210729	59.00%	5.169%
58	15.821	2332	2335	2337	rBV4	23277	30446	8.52%	0.747%
59	17.098	2550	2552	2553	rBV2	19690	10477	2.93%	0.257%
60	17.662	2645	2648	2651	rBV5	14322	20820	5.83%	0.511%
61	18.056	2714	2715	2716	rBV	12967	6085	1.70%	0.149%
62	18.597	2805	2807	2808	rBV2	16346	11574	3.24%	0.284%
63	18.944	2864	2866	2869	rBV4	11149	11647	3.26%	0.286%

Sum of corrected areas: 4076965

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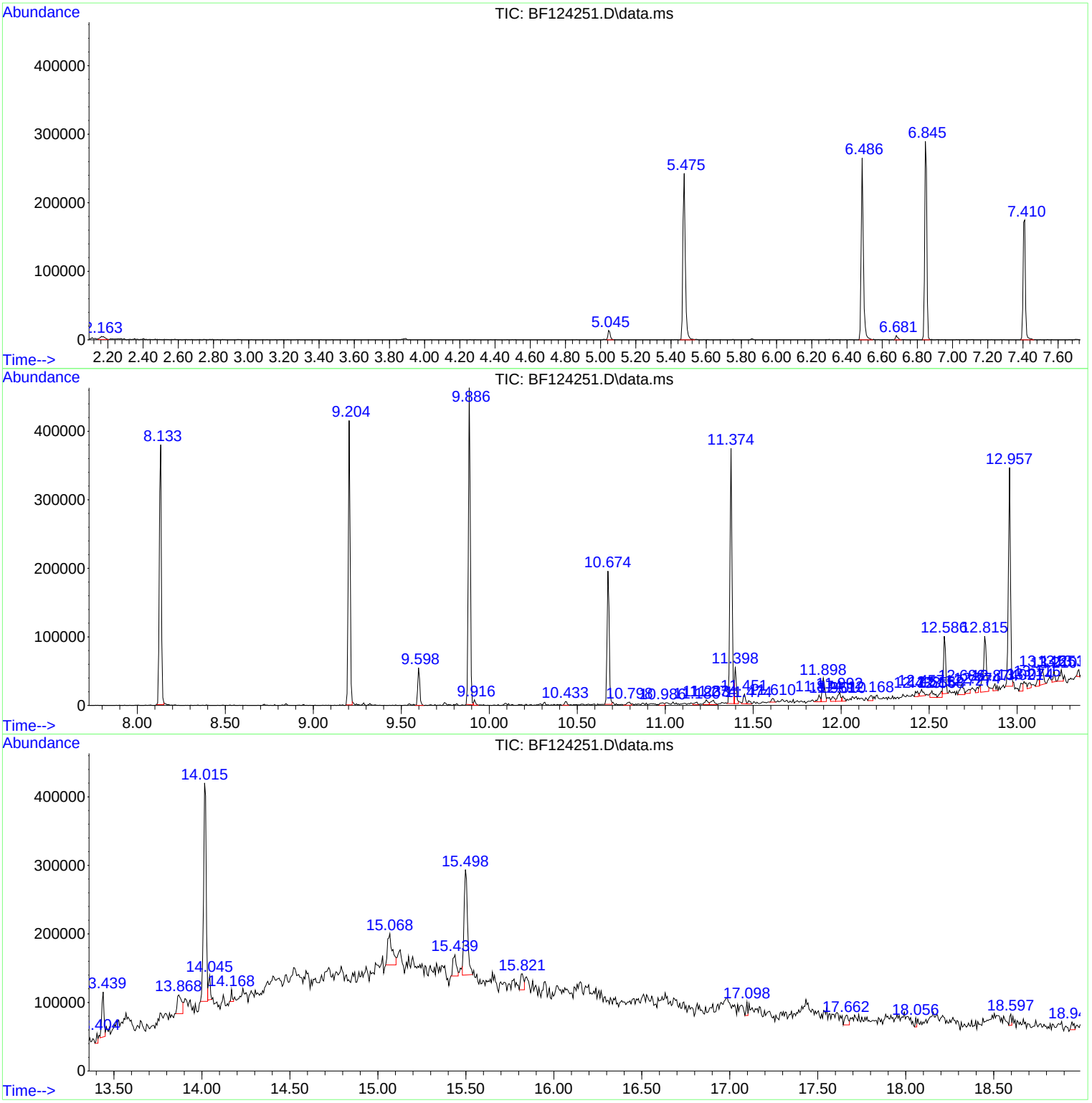
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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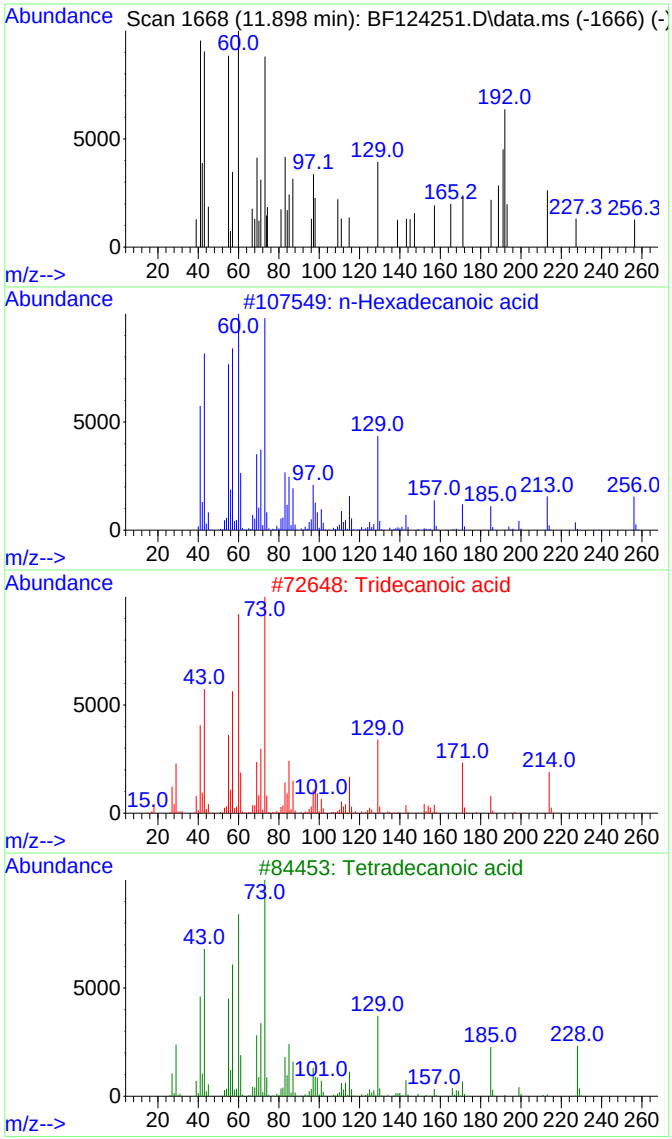
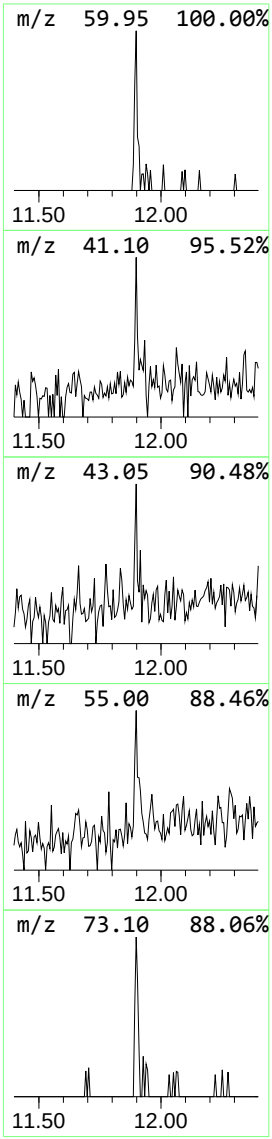
Peak Number 1 unknown11.898 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.20 ng	33708	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
2	Tridecanoic acid	214	C13H26O2	000638-53-9	35
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
4	Dodecanoic acid	200	C12H24O2	000143-07-7	27
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	22





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Sample : M2651-03 2X
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Instrument :
BNA_F
ClientSampleId :
DEP-CRANE-PAD-EXCAVATION

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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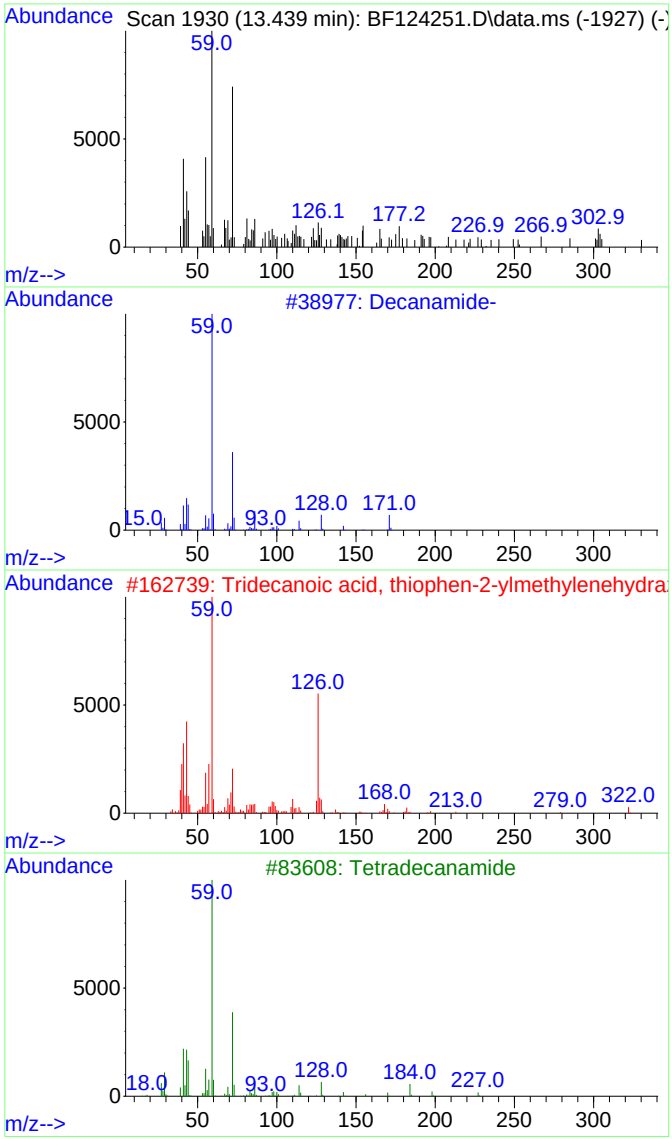
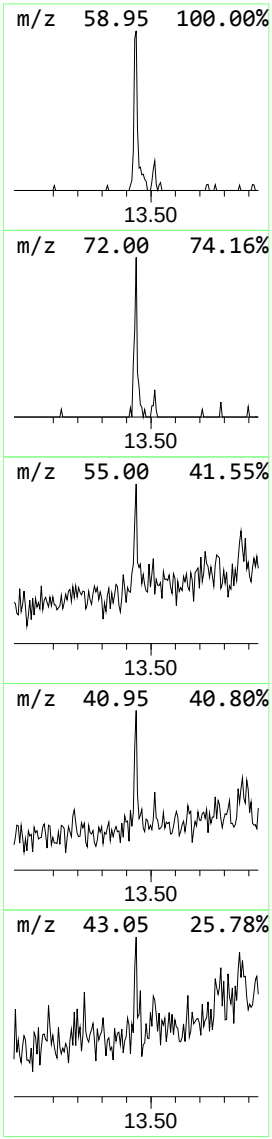
Peak Number 2 Decanamide- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	3.44 ng	57869	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanamide-	171	C10H21NO	002319-29-1	64
2	Tridecanoic acid, thiophen-2-ylm...	322	C18H30N2OS	1000259-08-5	38
3	Tetradecanamide	227	C14H29NO	000638-58-4	38
4	2-Propanol, 1-[(1-methylethyl)am...	249	C15H23NO2	013655-52-2	30
5	1,3-Diazaspiro[4.4]-2,4-dioxonon...	197	C8H11N3O3	1000214-44-8	30





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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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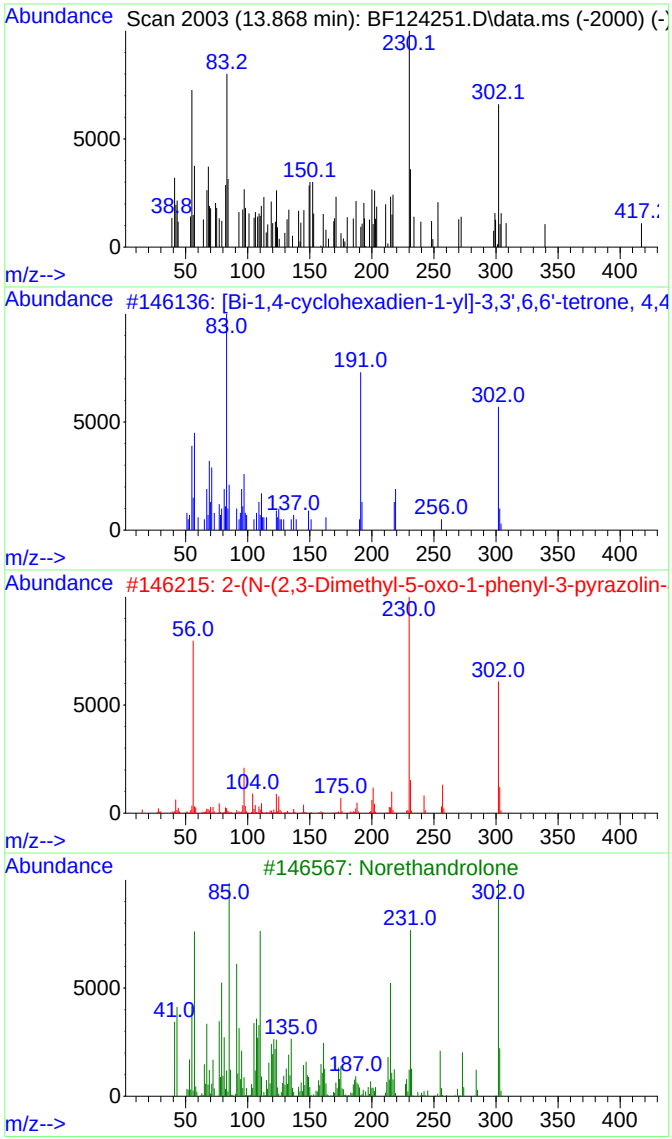
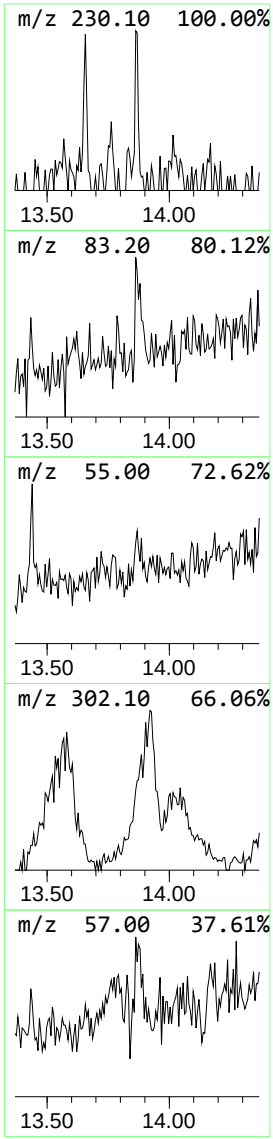
Peak Number 3 [Bi-1,4-cyclohexadien-1-yl]... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	2.93 ng	49258	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[Bi-1,4-cyclohexadien-1-yl]-3,3'...	302	C16H14O6	010493-51-3	50
2	2-(N-(2,3-Dimethyl-5-oxo-1-pheny...	302	C16H22N4O2	1000242-38-0	45
3	Norethandrolone	302	C20H30O2	000052-78-8	44
4	Acetamide, 2-[2-(2-thienyl)-3-in...	302	C15H14N2OS2	296246-72-5	38
5	Cadina-4,6,8,10-tetraene-2,3-dio...	300	C17H16O5	018142-19-3	22





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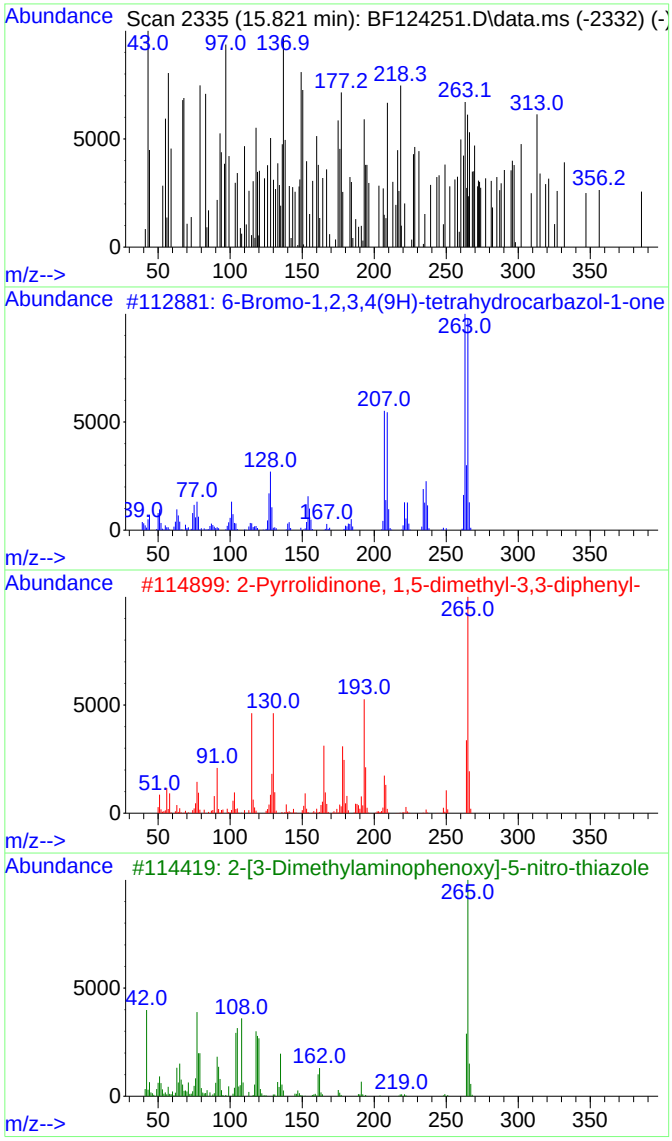
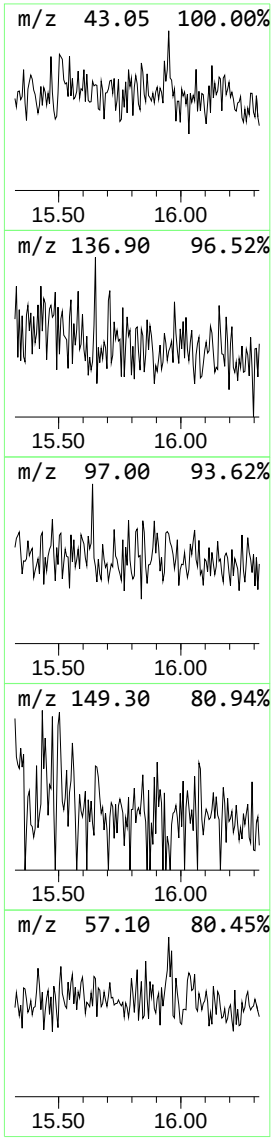
Peak Number 4 unknown15.821 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	2.89 ng	30446	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-1,2,3,4(9H)-tetrahydroca...	263	C12H10BrNO	1000311-36-9	18
2	2-Pyrrolidinone, 1,5-dimethyl-3,...	265	C18H19NO	030223-75-7	15
3	2-[3-Dimethylaminophenoxy]-5-nit...	265	C11H11N3O3S	1000256-32-5	15
4	1,4-Bis(2-(trimethylsilylperoxy)...	370	C18H34O4Si2	081591-78-8	10
5	Androstan-3-one, 17-(acetyloxy)-	332	C21H32O3	125638-46-2	10





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown11.898	11.898	2.2	ng	33708	4	11.374	306598	20.0
Decanamide-	13.439	3.4	ng	57869	5	14.021	336058	20.0
[Bi-1,4-cyclohe...	13.868	2.9	ng	49258	5	14.021	336058	20.0
unknown15.821	15.821	2.9	ng	30446	6	15.498	210729	20.0