LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122254.D
Acq On : 3 Nov 2020 22:08
Operator : JU/CG
Sample : L4606-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.351	552	555	594	rBV	252842	666161	81.07%	7.639%
2	6.381	728	730	755	rBV	296279	715592	87.08%	8.206%
3	6.710	783	786	801	rBV	504458	498629	60.68%	5.718%
4	7.286	881	884	905	rBV	267613	451957	55.00%	5.183%
5	7.992	1001	1004	1026	rBV	495170	592837	72.14%	6.799%
6	9.069	1183	1187	1197	rBV	674916	780848	95.02%	8.955%
7	9.139	1197	1199	1203	rVV	25958	30325	3.69%	0.348%
8	9.186	1203	1207	1218	rVB	72726	91909	11.18%	1.054%
9	9.363	1235	1237	1240	rBV2	14312	13133	1.60%	0.151%
10	9.475	1248	1256	1262	rBV	75833	119402	14.53%	1.369%
11	9.610	1274	1279	1282	rBV7	4378	9252	1.13%	0.106%
12	9.669	1286	1289	1293	rVV	37020	32138	3.91%	0.369%
13	9.745	1298	1302	1317	rVB	576418	605657	73.70%	6.946%
14	9.992	1340	1344	1347	rBV2	11471	14421	1.75%	0.165%
15	10.169	1371	1374	1377	rBV	57124	46672	5.68%	0.535%
16	10.322	1397	1400	1406	rBV3	18283	26723	3.25%	0.306%
17	10.386	1407	1411	1414	rVB	19911	20977	2.55%	0.241%
18	10.504	1428	1431	1434	rVB2	9601	8920	1.09%	0.102%
19	10.545	1435	1438	1448	rVV	238586	336629	40.97%	3.860%
20	10.639	1451	1454	1464	rVB	79250	97519	11.87%	1.118%
21	11.086	1527	1530	1532	rBV	68783	54779	6.67%	0.628%
22	11.116	1532	1535	1541	rVB2	28387	34111	4.15%	0.391%
23	11.233	1552	1555	1566	rBV	499352	588733	71.65%	6.751%
24	11.398	1580	1583	1586	rBV4	8102	8617	1.05%	0.099%
25	11.510	1600	1602	1607	rVB	55624	45768	5.57%	0.525%
26	11.674	1625	1630	1631	rBV3	6889	9760	1.19%	0.112%
27	11.757	1639	1644	1645	rBV3	9671	13418	1.63%	0.154%
28	11.774	1645	1647	1650	rVB3	8558	10013	1.22%	0.115%
29	11.916	1669	1671	1674	rVB	46373	38339	4.67%	0.440%
30	12.068	1695	1697	1702	rVB5	8817	11126	1.35%	0.128%
31	12.304	1735	1737	1743	rVB	50571	48559	5.91%	0.557%
32	12.374	1747	1749	1752	rBV4	6798	8506	1.04%	0.098%
33	12.410	1752	1755	1759	rVB4	19353	22183	2.70%	0.254%
34	12.457	1759	1763	1767	rBV	50781	69476	8.45%	0.797%
35	12.545	1776	1778	1782	rBV4	13076	9174	1.12%	0.105%
36	12.604	1785	1788	1790	rBV2	17067	19482	2.37%	0.223%

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Misc :
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Instrument : BNA_F
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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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.680	1797	1801	1807	rBV3	77096	111790	13.60%	1.282%
38	12.739	1807	1811	1814	rBV2	24650	31691	3.86%	0.363%
39	12.786	1817	1819	1820	rBV	20040	16105	1.96%	0.185%
40	12.810	1820	1823	1833	rVB	792973	821732	100.00%	9.423%
41	13.033	1858	1861	1863	rVB	39812	32813	3.99%	0.376%
42	13.057	1863	1865	1867	rBV2	11391	12245	1.49%	0.140%
43	13.374	1916	1919	1923	rVB	43230	38752	4.72%	0.444%
44	13.615	1958	1960	1962	rBV2	20588	19057	2.32%	0.219%
45	13.704	1972	1975	1977	rBV4	47631	54730	6.66%	0.628%
46	13.880	2001	2005	2017	rBV	672681	724015	88.11%	8.303%
47	14.021	2026	2029	2032	rBV	42367	37265	4.53%	0.427%
48	14.327	2078	2081	2083	rBV2	35195	37268	4.54%	0.427%
49	14.621	2129	2131	2134	rVB	45186	36874	4.49%	0.423%
50	15.321	2247	2250	2259	rVB	463000	594017	72.29%	6.812%

Sum of corrected areas: 8720099

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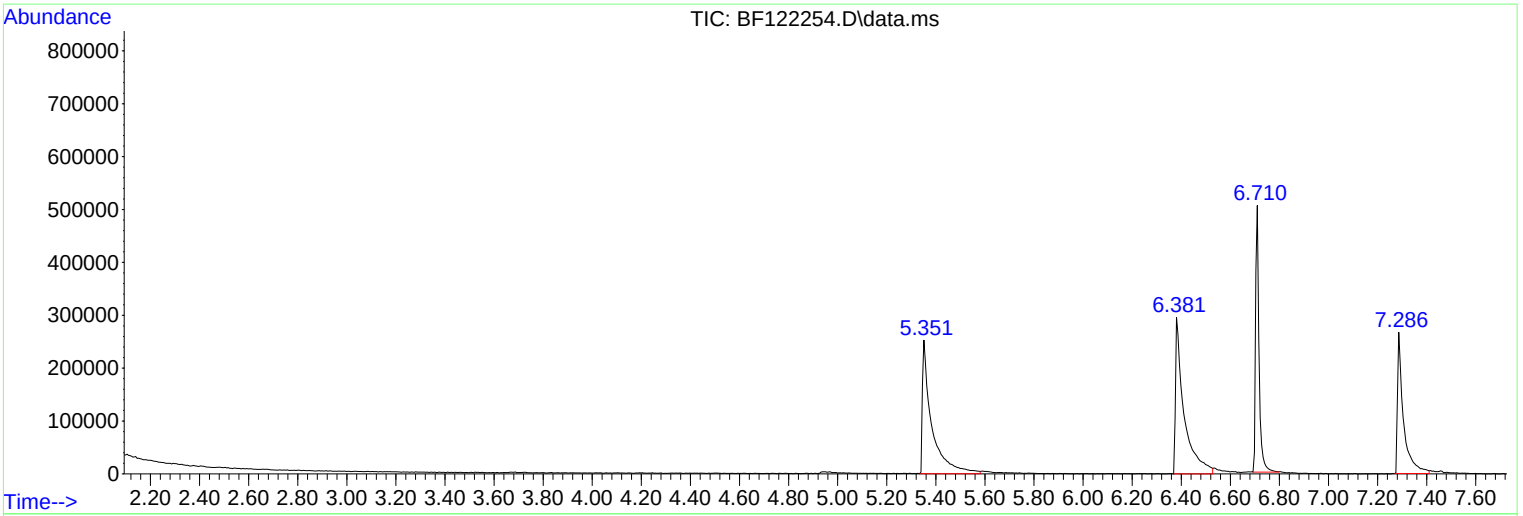
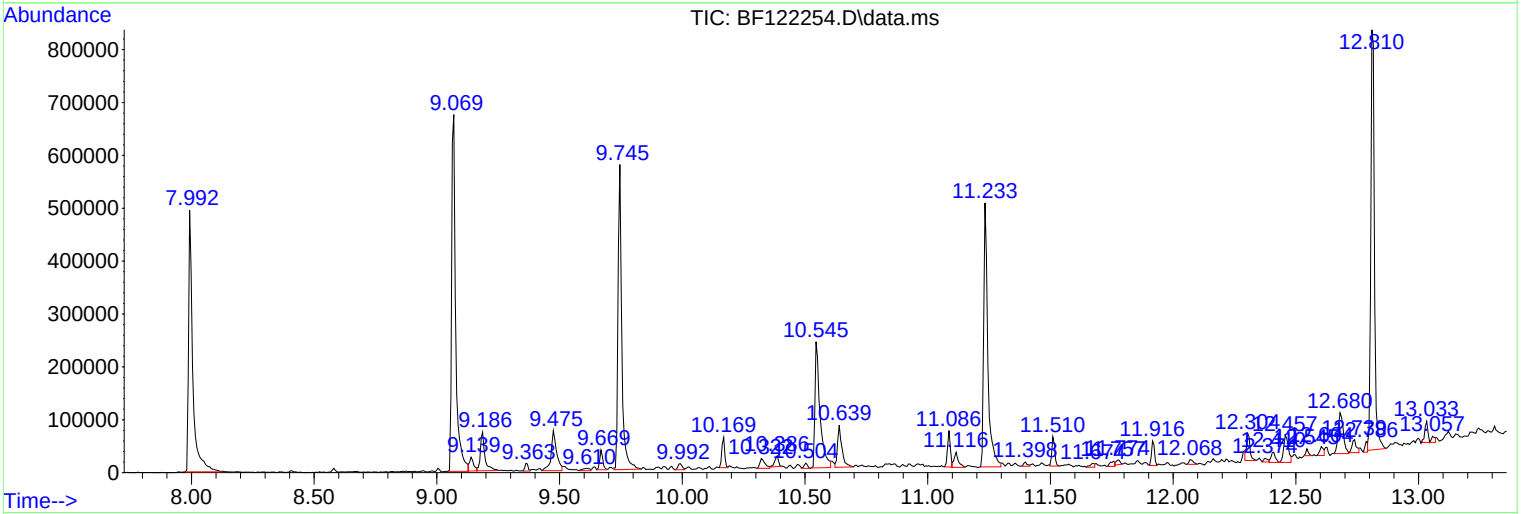
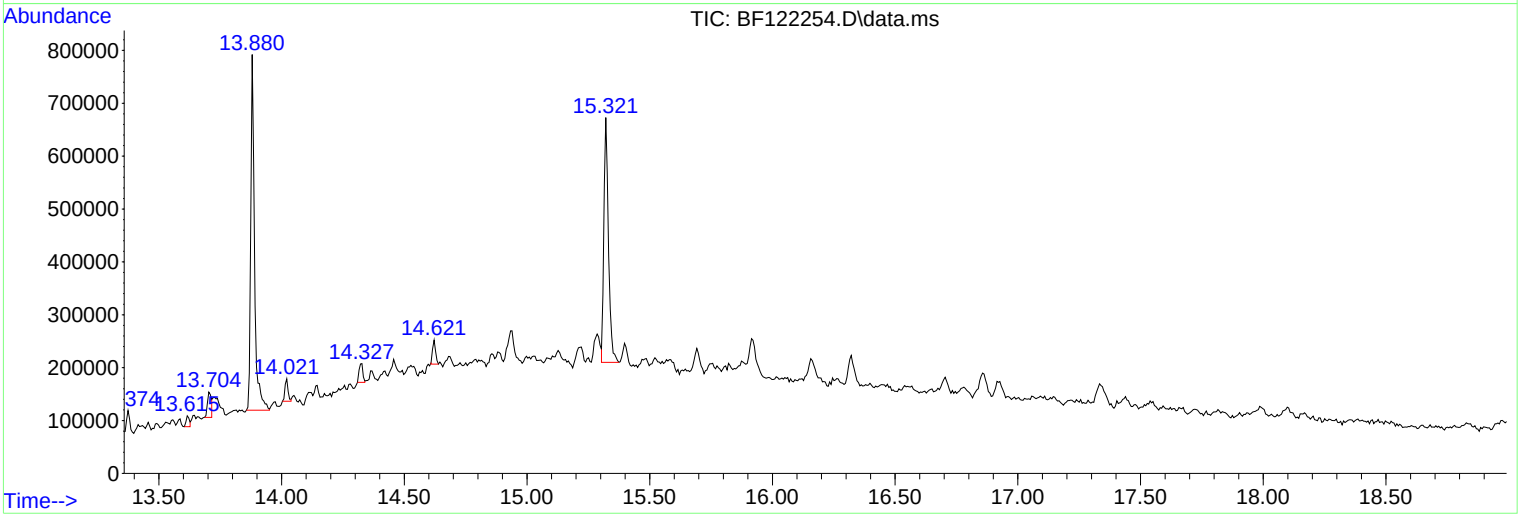
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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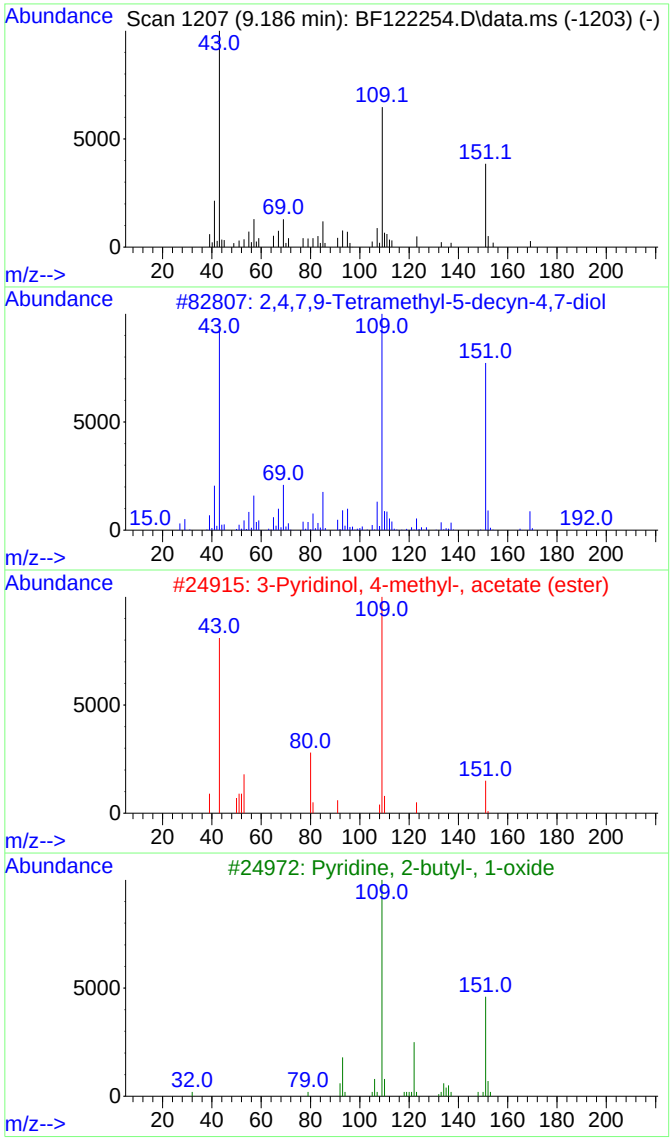
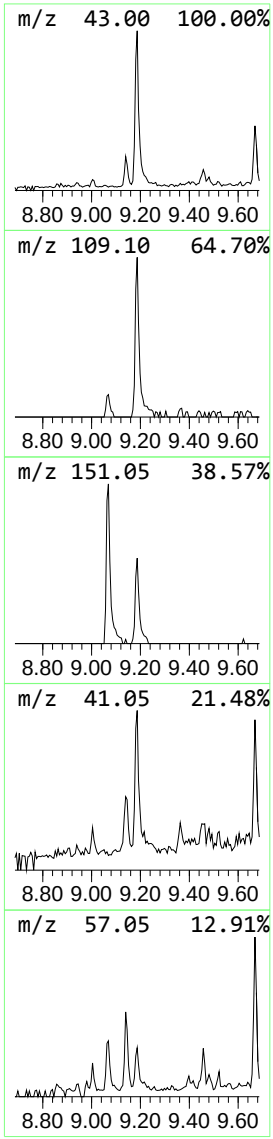
****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	3.04 ng	91909	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42





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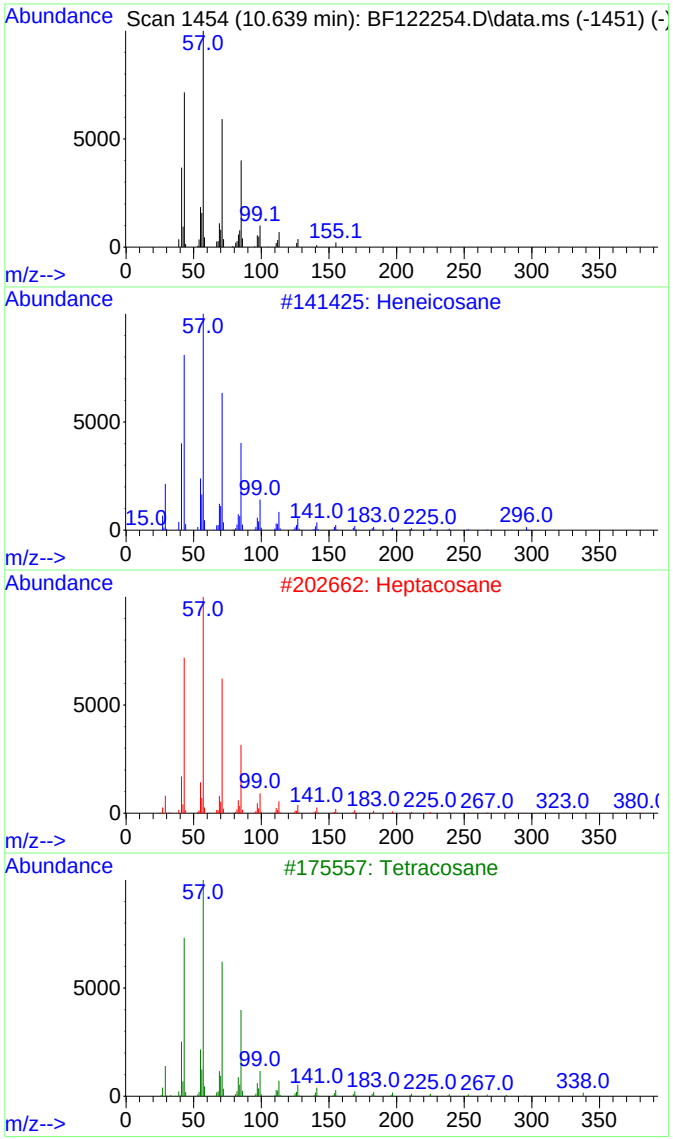
TIC Integration Parameters: LSCINT.P

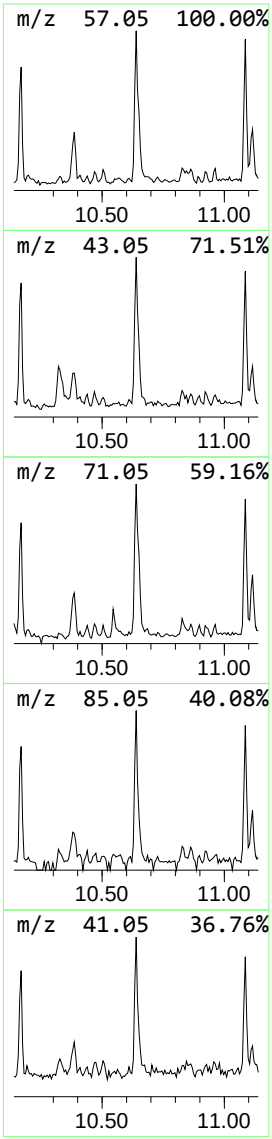
****

Peak Number 2 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	3.31 ng	97519	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	86





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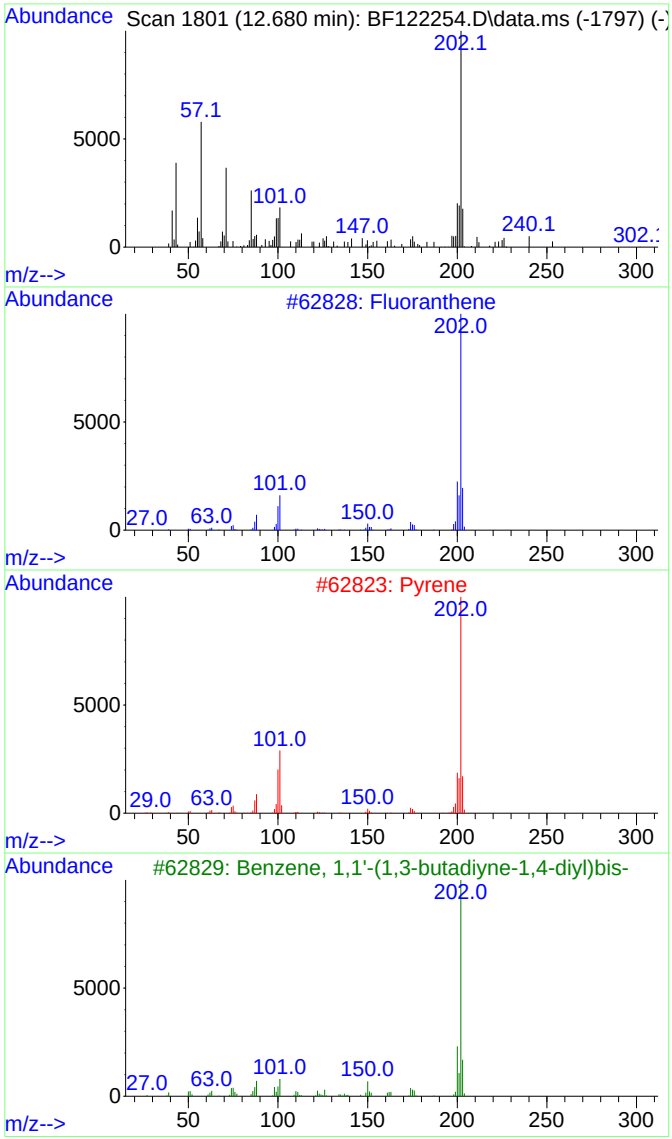
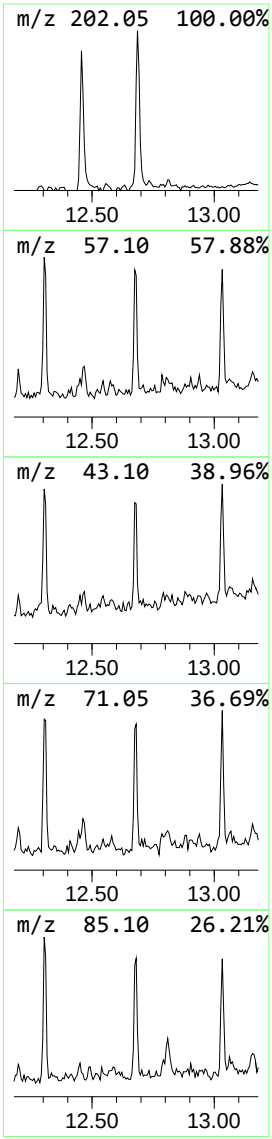
****

Peak Number 4 unknown12.680 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	3.09 ng	111790	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	86
2	Pyrene	202	C16H10	000129-00-0	70
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	49
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	33
5	2-Naphthoic acid, 6-methoxy-	202	C12H10O3	002471-70-7	32





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
2,4,7,9-Tetrame...	9.186	3.0	ng	91909	3	9.745	605657	20.0
Heneicosane	10.639	3.3	ng	97519	4	11.233	588733	20.0
unknown12.680	12.680	3.1	ng	111790	5	13.880	724015	20.0