LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116213.D
Acq On : 13 Aug 2019 2:23
Operator : HP/JU
Sample : K4292-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMP-WS

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-BF073019.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	5.457	570	573	596	rBV	2143973	2395348	76.06%	8.111%
2	6.475	742	746	765	rBV	2421184	2668358	84.73%	9.035%
3	6.610	765	769	776	rVV	2587067	2590051	82.25%	8.770%
4	6.834	804	807	814	rBV	863243	735059	23.34%	2.489%
5	6.992	830	834	851	rBV	2216599	2117212	67.23%	7.169%
6	7.398	899	903	922	rBV	1634795	1701885	54.04%	5.763%
7	8.116	1021	1025	1031	rBV	858429	866878	27.53%	2.935%
8	8.198	1037	1039	1046	rVB	31105	32939	1.05%	0.112%
9	8.533	1093	1096	1106	rBV	31567	44611	1.42%	0.151%
10	8.704	1122	1125	1133	rBV2	28487	32197	1.02%	0.109%
11	9.186	1203	1207	1218	rBV	3191508	3149115	100.00%	10.663%
12	9.580	1269	1274	1280	rVV2	328429	374400	11.89%	1.268%
13	9.633	1280	1283	1291	rVB3	50621	66096	2.10%	0.224%
14	9.869	1319	1323	1332	rBV	1316562	1084265	34.43%	3.671%
15	10.275	1388	1392	1394	rBV3	30069	33312	1.06%	0.113%
16	10.298	1394	1396	1398	rVB	41463	31782	1.01%	0.108%
17	10.516	1427	1433	1440	rBV2	20782	32477	1.03%	0.110%
18	10.663	1454	1458	1470	rBV	1558945	1735536	55.11%	5.876%
19	10.780	1473	1478	1482	rVB	67496	86169	2.74%	0.292%
20	11.216	1549	1552	1554	rBV2	42146	37775	1.20%	0.128%
21	11.245	1554	1557	1564	rVB3	21196	39401	1.25%	0.133%
22	11.357	1572	1576	1579	rBV	1096932	1012091	32.14%	3.427%
23	11.380	1579	1580	1585	rVB	231604	166093	5.27%	0.562%
24	11.598	1613	1617	1622	rBV2	35605	60820	1.93%	0.206%
25	11.639	1622	1624	1629	rVB2	40228	39238	1.25%	0.133%
26	11.880	1659	1665	1673	rBV3	113870	231332	7.35%	0.783%
27	11.974	1678	1681	1683	rVV2	33226	32783	1.04%	0.111%
28	12.045	1691	1693	1699	rBV	36164	35539	1.13%	0.120%
29	12.198	1716	1719	1723	rVV	54748	66509	2.11%	0.225%
30	12.439	1757	1760	1763	rVB2	33236	34355	1.09%	0.116%
31	12.510	1769	1772	1775	rVB	32534	32015	1.02%	0.108%
32	12.574	1779	1783	1788	rBV	498668	481855	15.30%	1.632%
33	12.668	1796	1799	1805	rBV8	23309	42814	1.36%	0.145%
34	12.804	1816	1822	1828	rBV	392105	445741	14.15%	1.509%

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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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.939	1840	1845	1848	rBV	2652443	2505464	79.56%	8.483%
36	13.163	1880	1883	1887	rBV3	29234	32324	1.03%	0.109%
37	13.651	1963	1966	1971	rVB	67954	70381	2.23%	0.238%
38	13.757	1981	1984	1986	rBV	57458	62918	2.00%	0.213%
39	13.804	1990	1992	1994	rBV	33314	36285	1.15%	0.123%
40	13.857	1994	2001	2009	rVV5	155211	385332	12.24%	1.305%
41	13.998	2021	2025	2028	rBV2	837241	971718	30.86%	3.290%
42	14.027	2028	2030	2034	rVB	229825	208170	6.61%	0.705%
43	15.045	2199	2203	2206	rBV	249515	360170	11.44%	1.220%
44	15.345	2251	2254	2260	rBV	141251	186963	5.94%	0.633%
45	15.409	2262	2265	2270	rVV	176745	236863	7.52%	0.802%
46	15.468	2270	2275	2288	rVB	586098	877820	27.88%	2.972%
47	16.945	2520	2526	2537	rVB3	516846	1063070	33.76%	3.600%

Sum of corrected areas: 29533529

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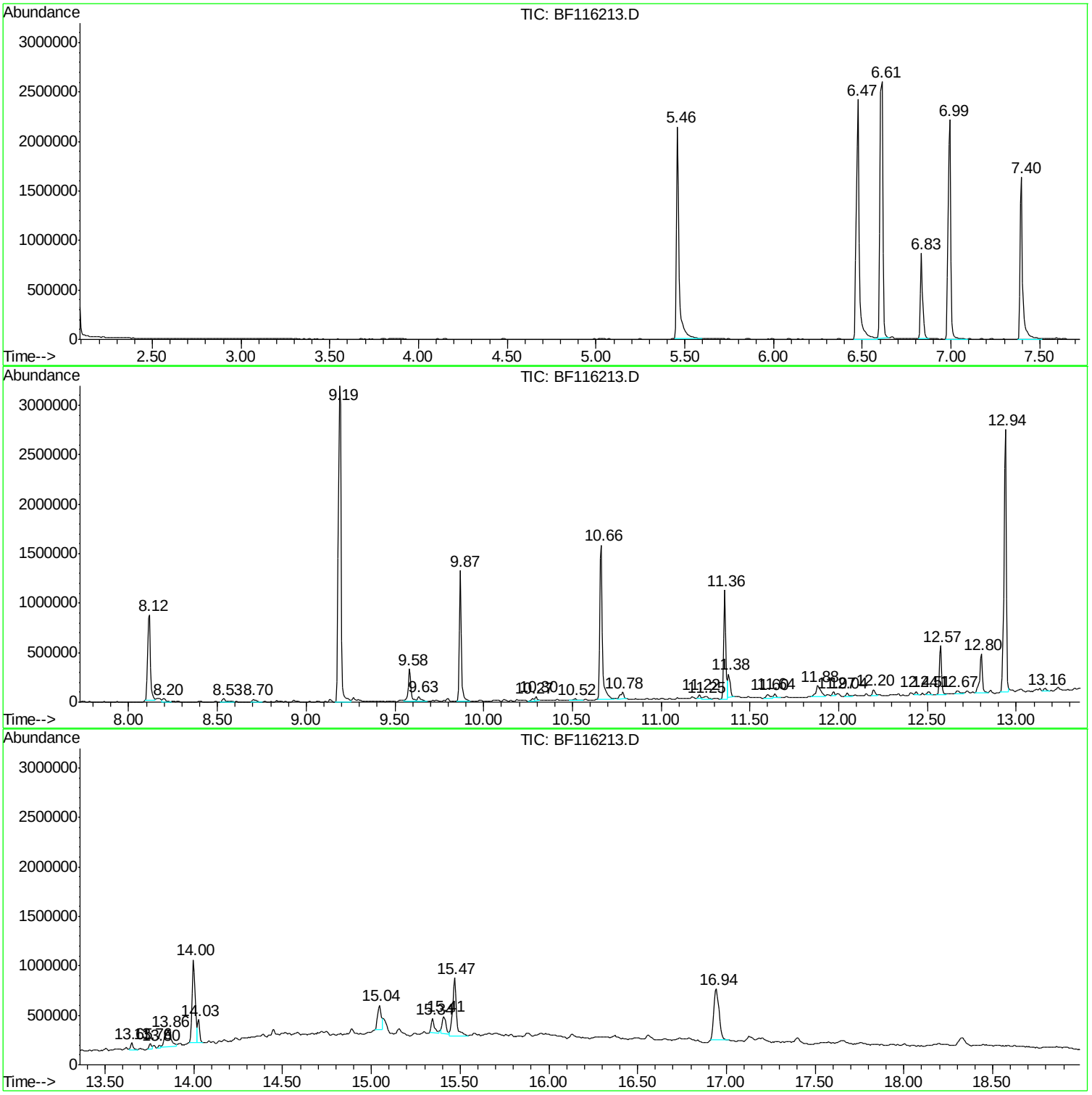
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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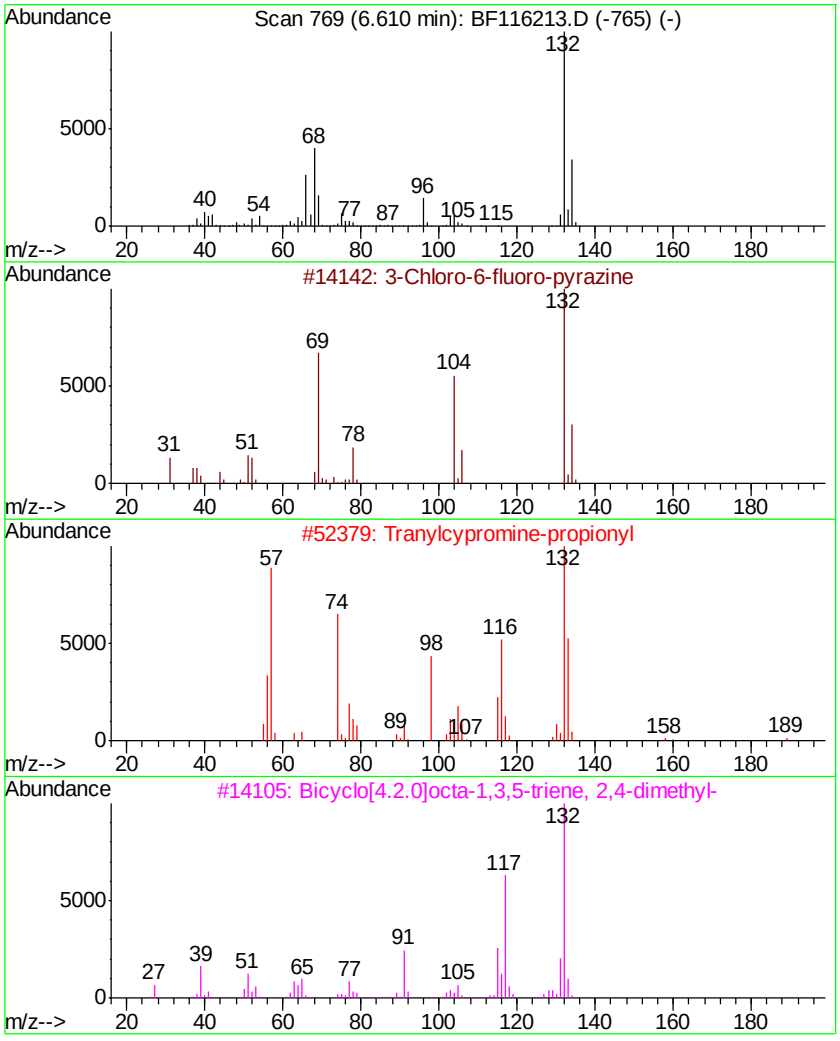
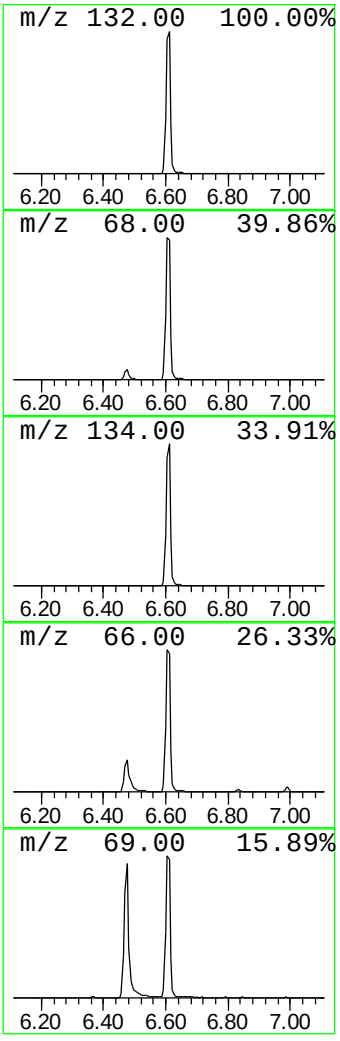
Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.47 ng	2590050	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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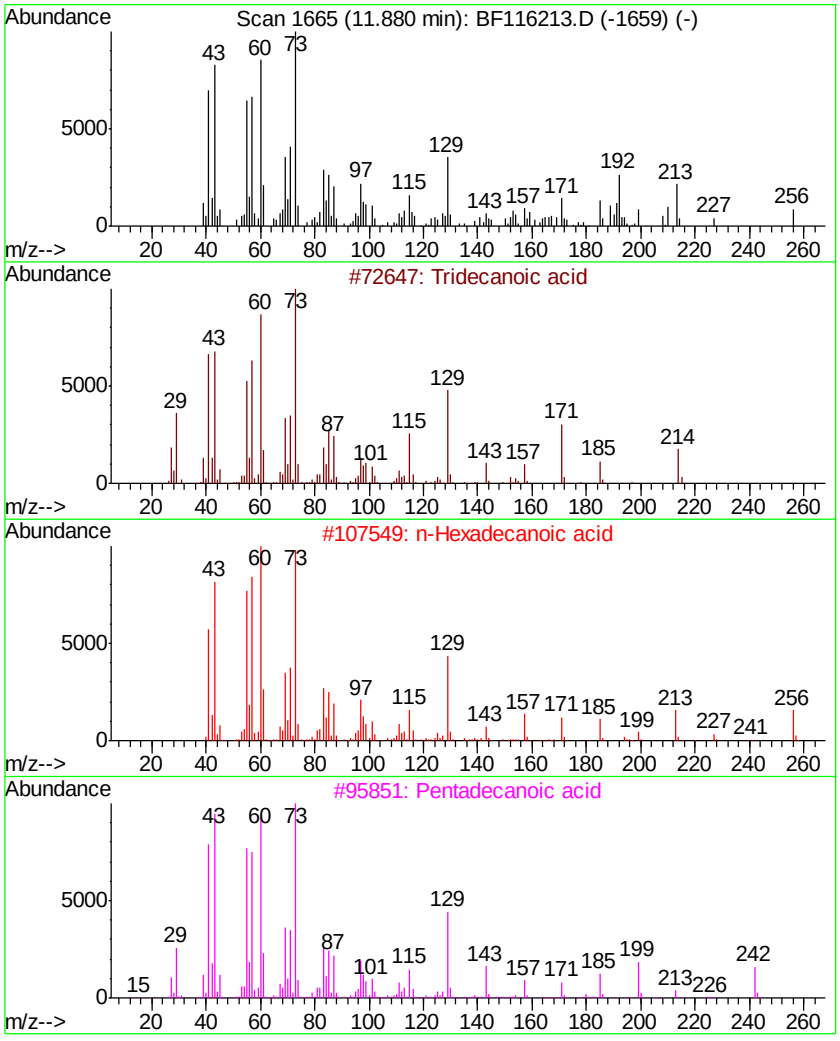
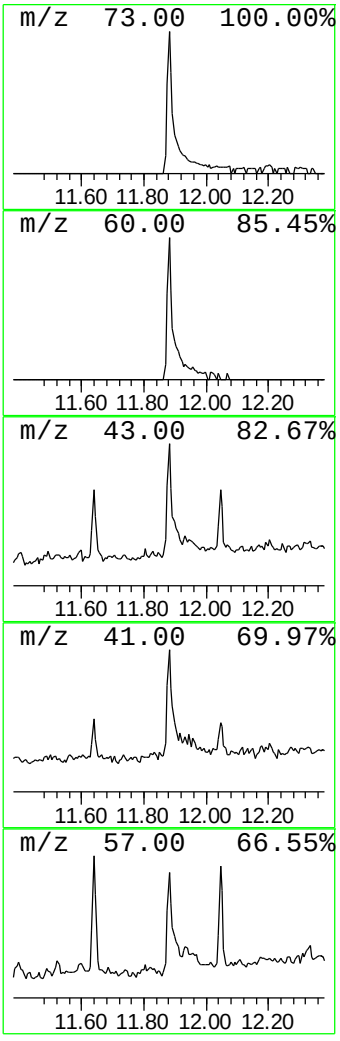
Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.57 ng	231332	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RO-COMP-WS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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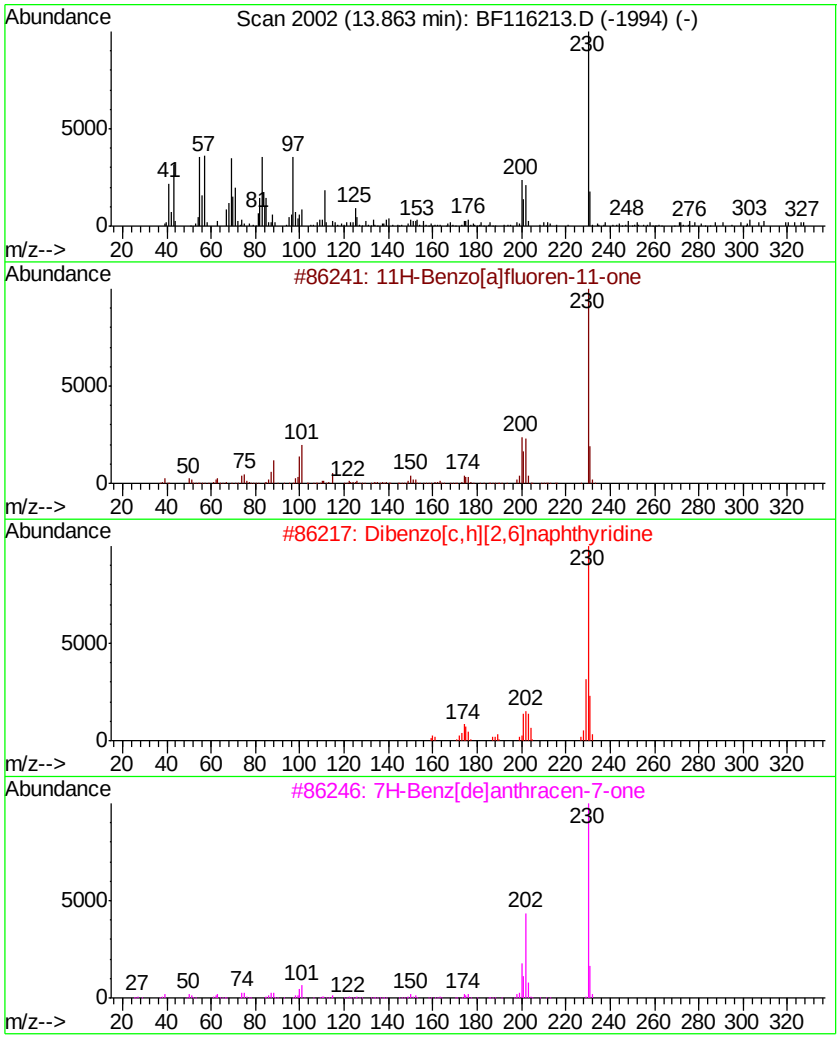
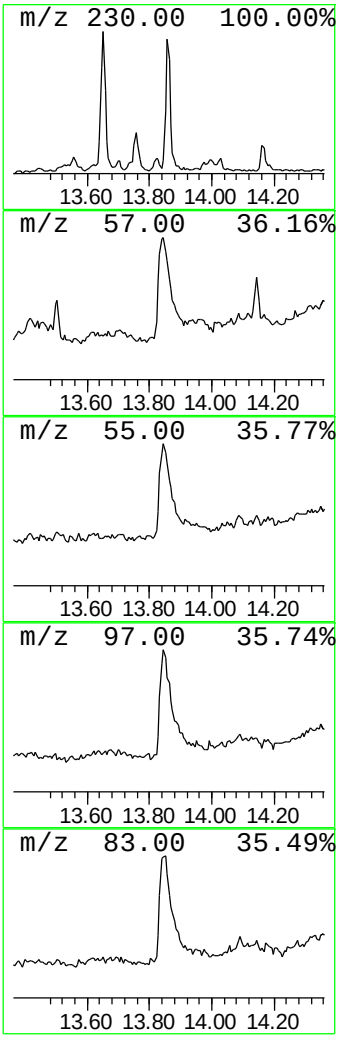
Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.93 ng	385332	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	37





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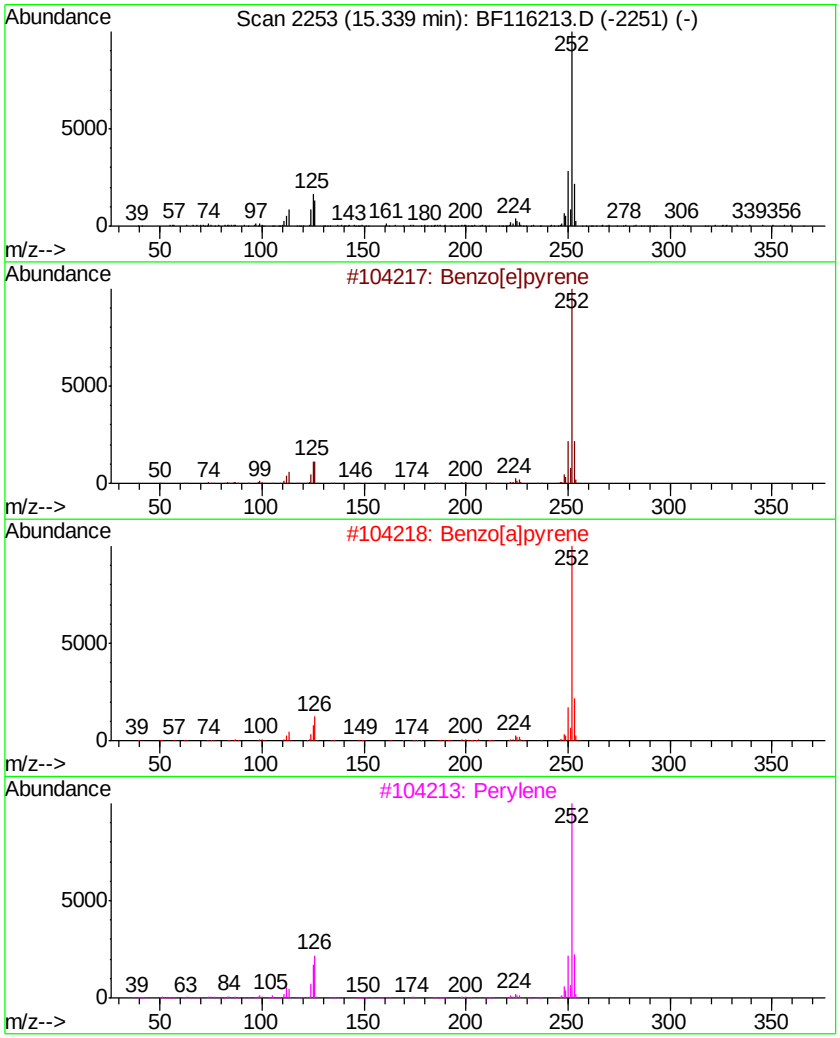
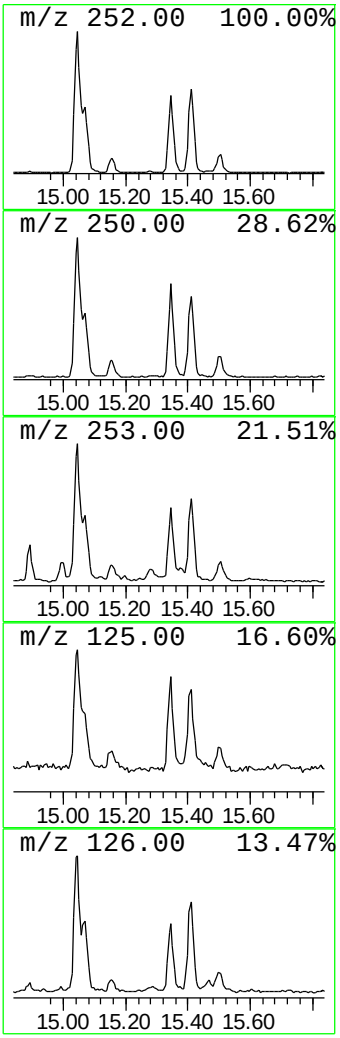
Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.26 ng	186963	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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
unknown6.61	6.61	70.5	ng	2590050	1	6.83	735059	20.0
Tridecanoic acid	11.88	4.6	ng	231332	4	11.36	1012090	20.0
11H-Benzo[a]fluor...	13.86	7.9	ng	385332	5	14.00	971718	20.0
Benzo[e]pyrene	15.34	4.3	ng	186963	6	15.47	877820	20.0