LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124840.D
Acq On : 28 Jul 2021 22:05
Operator : JU/CG
Sample : M3198-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	9	rVB	8873	9242	5.56%	0.874%
2	5.487	573	578	581	rBB	133233	121617	73.16%	11.503%
3	6.498	745	750	752	rBV	120464	123343	74.19%	11.666%
4	6.869	811	813	816	rBB	41790	29342	17.65%	2.775%
5	7.434	905	909	912	rBB	96790	82968	49.91%	7.847%
6	8.051	1011	1014	1019	rBB	10540	8110	4.88%	0.767%
7	8.151	1028	1031	1034	rBB	55138	39992	24.06%	3.782%
8	9.228	1210	1214	1217	rBV	219321	166243	100.00%	15.723%
9	9.910	1326	1330	1333	rBB	53901	45795	27.55%	4.331%
10	10.698	1460	1464	1467	rBB	105839	91441	55.00%	8.649%
11	11.392	1579	1582	1585	rBV	50853	43519	26.18%	4.116%
12	11.416	1585	1586	1589	rVB	21518	14487	8.71%	1.370%
13	11.916	1669	1671	1674	rBB2	10101	7920	4.76%	0.749%
14	12.216	1719	1722	1724	rBB	4579	3629	2.18%	0.343%
15	12.604	1785	1788	1791	rBB	27252	20723	12.47%	1.960%
16	12.698	1802	1804	1806	rBB	3231	2088	1.26%	0.197%
17	12.833	1825	1827	1830	rVB	18319	15055	9.06%	1.424%
18	12.980	1848	1852	1855	rVB	164478	127730	76.83%	12.081%
19	13.880	2002	2005	2013	rBB4	3492	6668	4.01%	0.631%
20	14.033	2026	2031	2033	rBV2	34146	31198	18.77%	2.951%
21	14.057	2033	2035	2038	rVB	10074	7106	4.27%	0.672%
22	15.074	2205	2208	2211	rBV3	9149	12935	7.78%	1.223%
23	15.380	2257	2260	2263	rBB	6077	5302	3.19%	0.501%
24	15.439	2267	2270	2274	rBB	5514	5625	3.38%	0.532%
25	15.509	2277	2282	2290	rVB	26300	29890	17.98%	2.827%
26	16.974	2528	2531	2536	rBB	2310	3093	1.86%	0.293%
27	17.421	2603	2607	2611	rBB	1668	2241	1.35%	0.212%

Sum of corrected areas: 1057302

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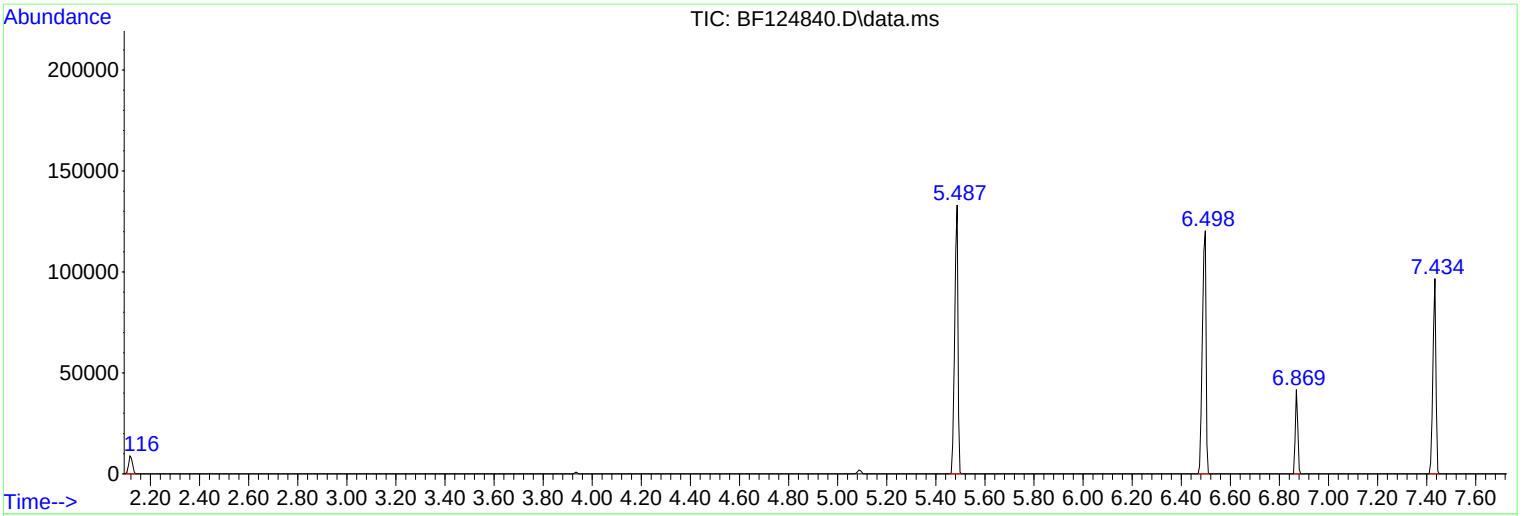
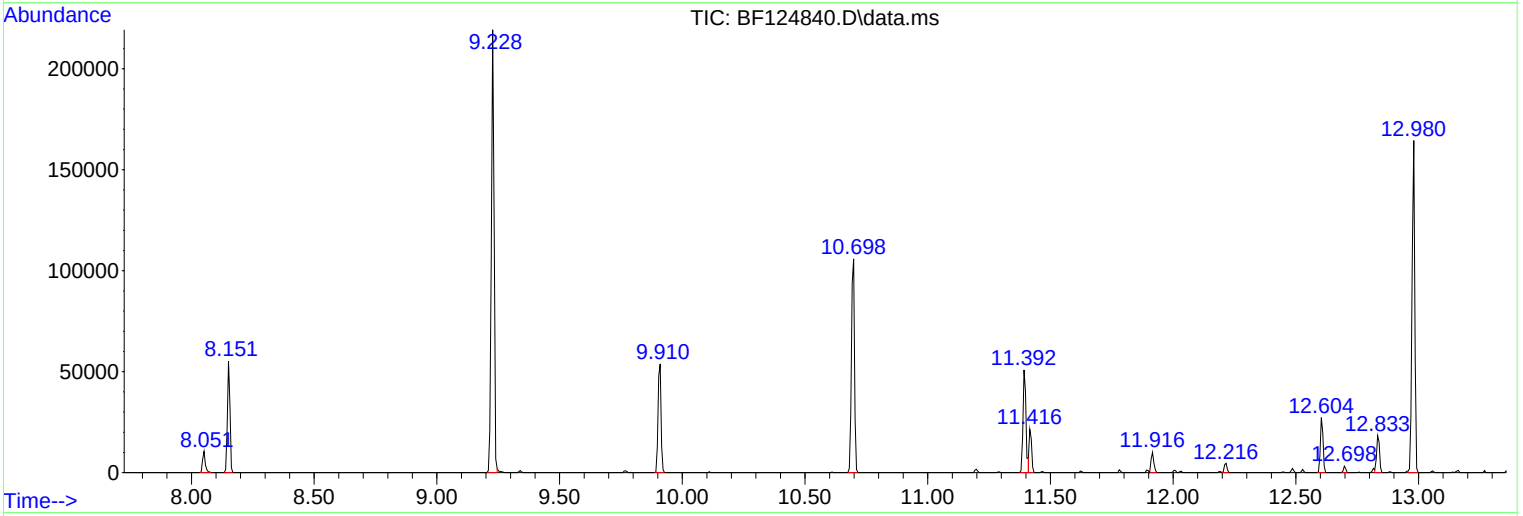
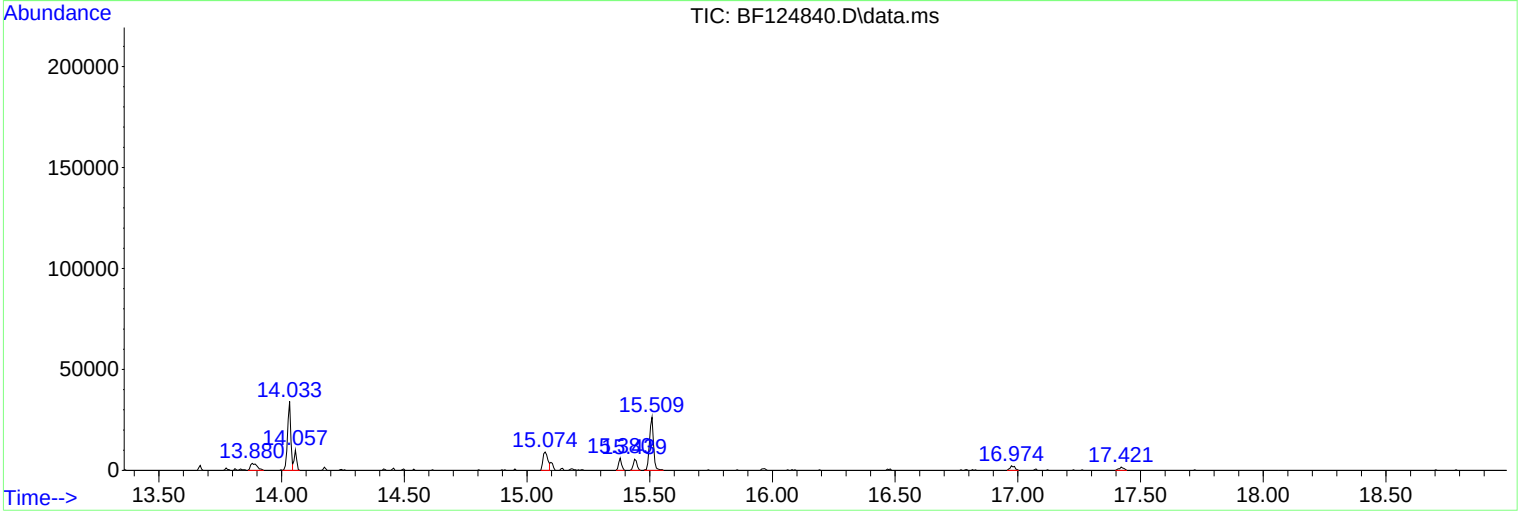
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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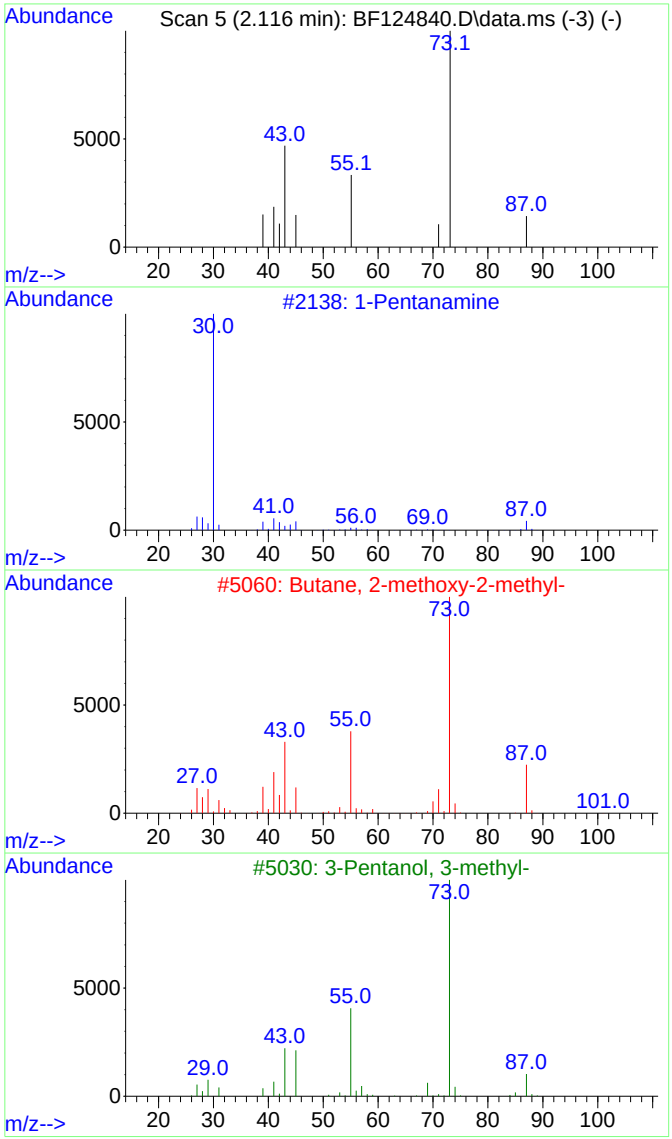
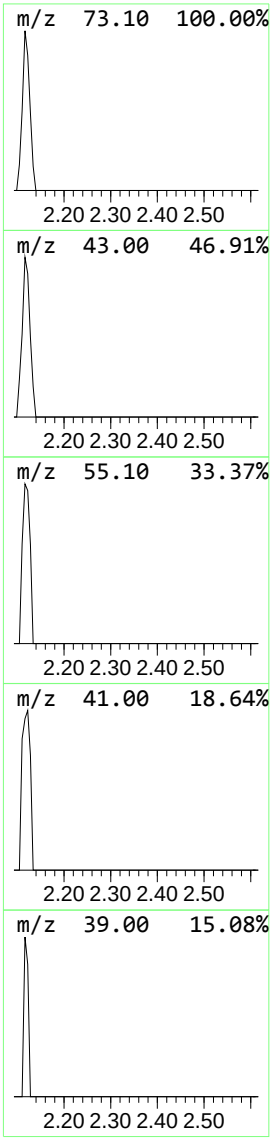
Peak Number 1 unknown2.116 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	6.30 ng	9242	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanamine	87	C5H13N	000110-58-7	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	5





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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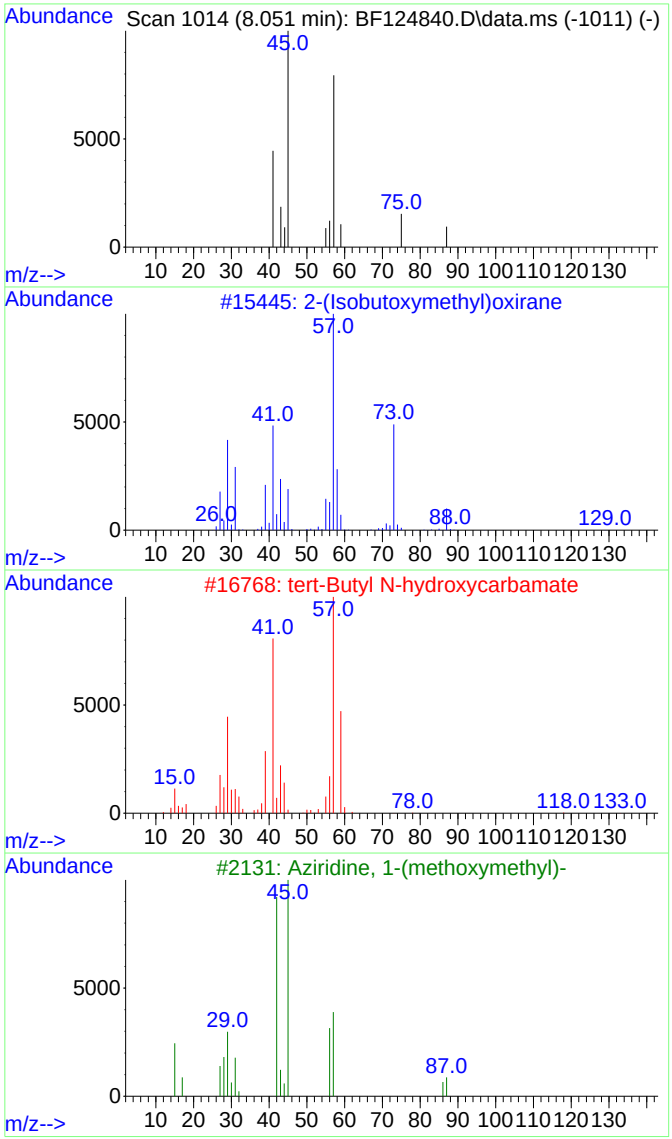
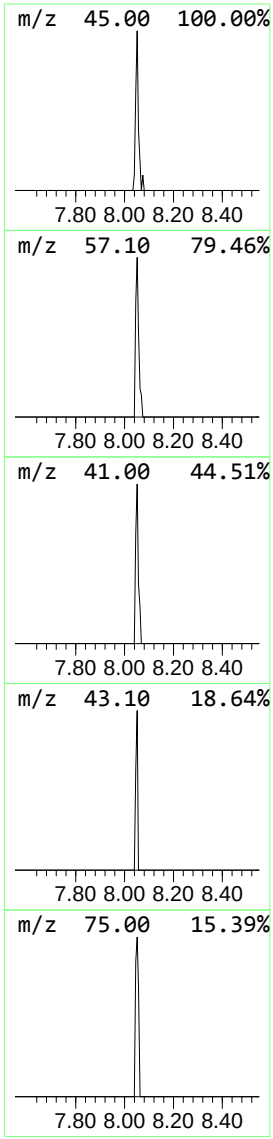
Peak Number 2 unknown8.051 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	4.06 ng	8110	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxymethyl)oxirane	130	C7H14O2	003814-55-9	9
2	tert-Butyl N-hydroxycarbamate	133	C5H11NO3	036016-38-3	9
3	Aziridine, 1-(methoxymethyl)-	87	C4H9NO	001497-83-2	5
4	1-Pentanamine	87	C5H13N	000110-58-7	5
5	Methane, nitroso-	45	CH3NO	000865-40-7	4





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ClientSampleId : TP-7

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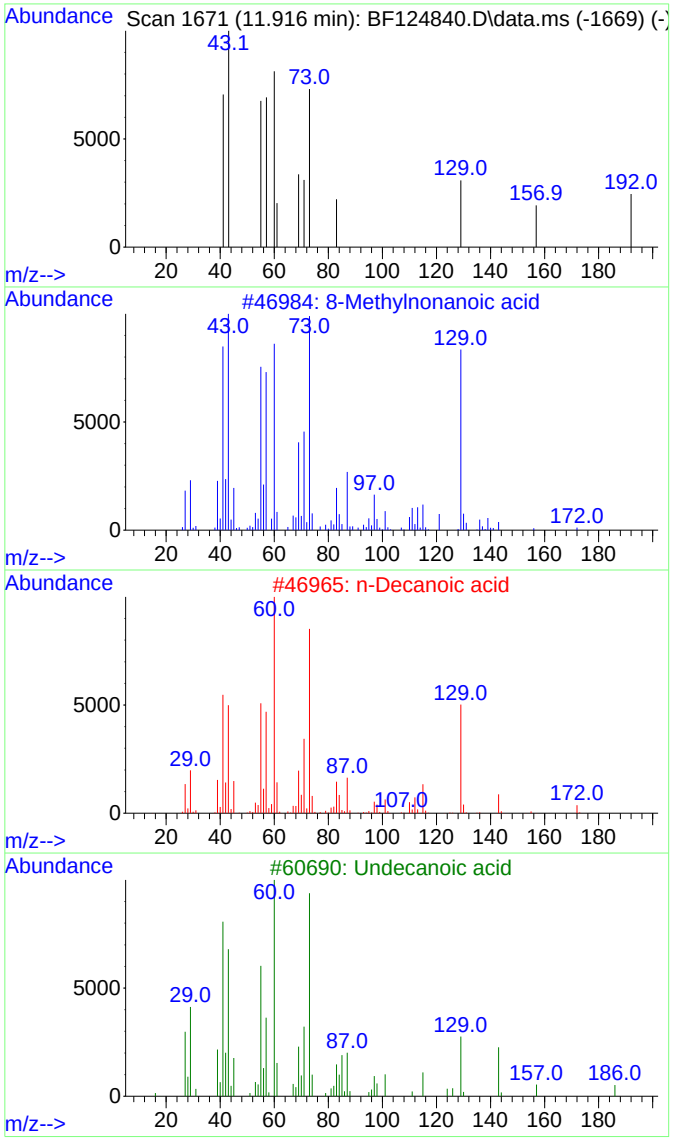
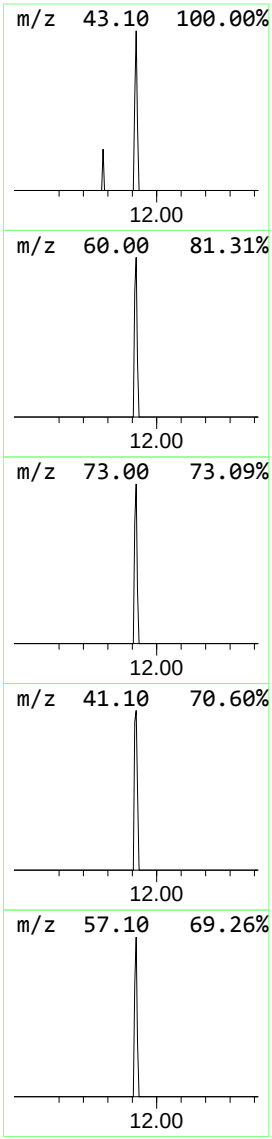
Peak Number 3 unknown11.916 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.64 ng	7920	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	40
2	n-Decanoic acid	172	C10H20O2	000334-48-5	40
3	Undecanoic acid	186	C11H22O2	000112-37-8	36
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	28
5	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	25





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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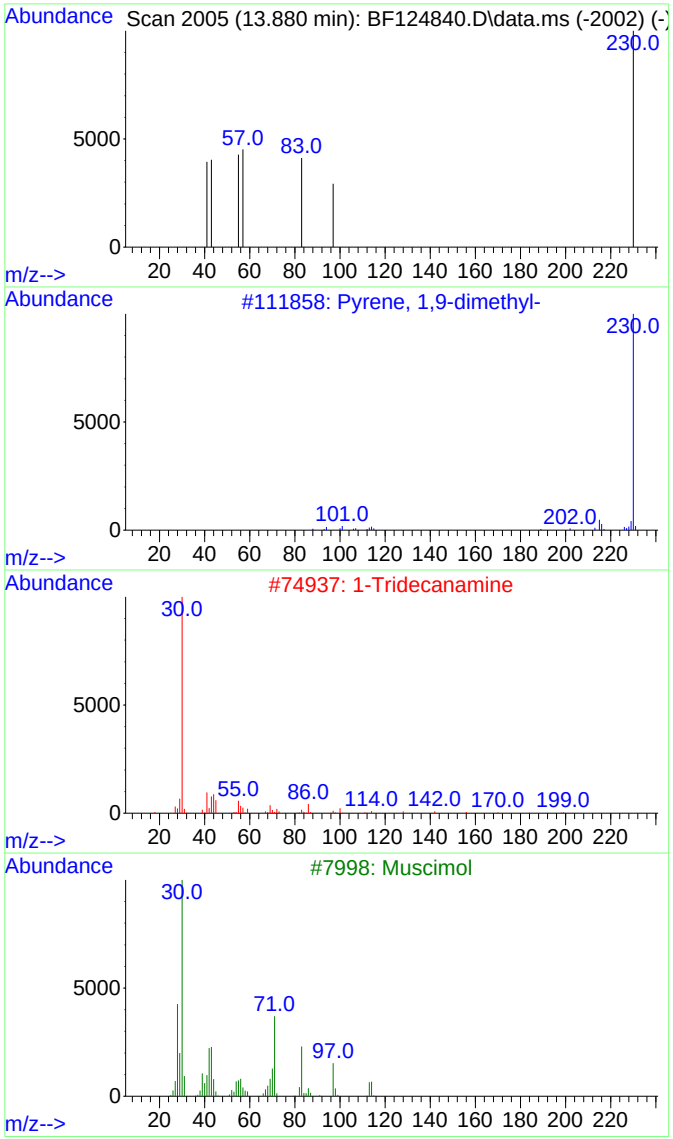
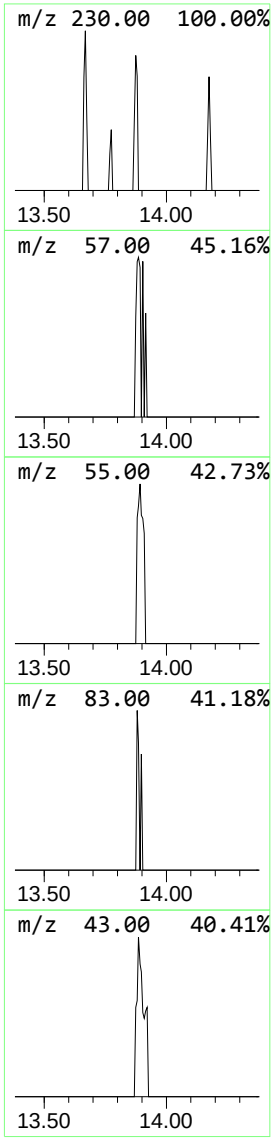
Peak Number 4 unknown13.880 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.27 ng	6668	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	3
2	1-Tridecanamine	199	C13H29N	002869-34-3	1
3	Muscimol	114	C4H6N2O2	002763-96-4	1
4	2-Furanmethanol, 5-nitro-	143	C5H5NO4	002493-04-1	1
5	1-Propyne, 3,3'-[ethylidenebis(o...	138	C8H10O2	002188-15-0	1





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Instrument : BNA_F
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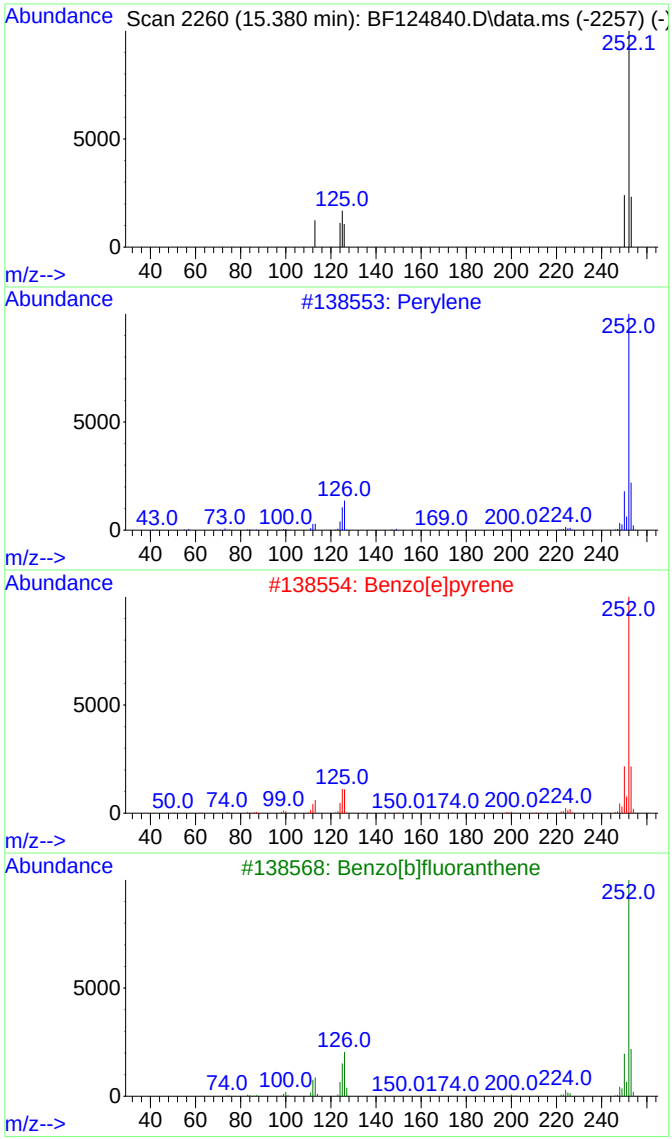
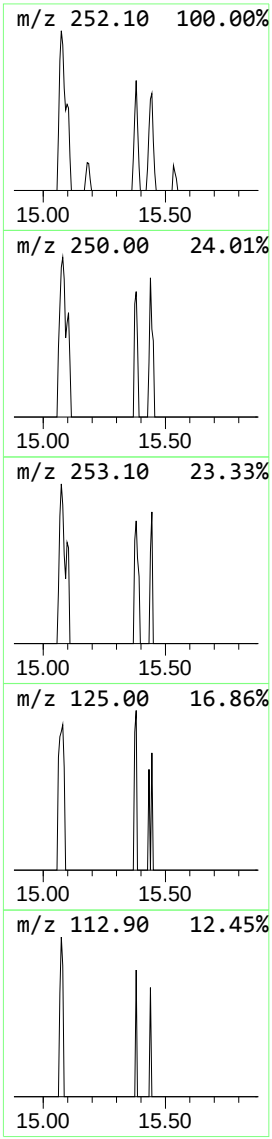
Peak Number 5 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	3.55 ng	5302	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	80
2	Benzo[e]pyrene	252	C20H12	000192-97-2	80
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	72
5	Benzo[a]pyrene	252	C20H12	000050-32-8	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.116	2.116	6.3	ng	9242	1	6.869	29342	20.0
unknown8.051	8.051	4.1	ng	8110	2	8.151	39992	20.0
unknown11.916	11.916	3.6	ng	7920	4	11.392	43519	20.0
unknown13.880	13.880	4.3	ng	6668	5	14.033	31198	20.0
Perylene	15.380	3.5	ng	5302	6	15.509	29890	20.0