LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101203.D
Acq On : 7 Dec 2017 14:21
Operator : SJ/JU
Sample : I6765-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-SB002A

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.046	501	503	508	rBV	7484	7351	2.20%	0.214%
2	5.451	569	572	583	rBV	163480	160174	48.01%	4.674%
3	6.469	741	745	754	rBV	166516	168966	50.64%	4.930%
4	6.604	765	768	772	rBV	202971	179433	53.78%	5.236%
5	6.840	804	808	815	rBB	327277	266033	79.73%	7.763%
6	6.992	831	834	841	rBB	175244	142343	42.66%	4.153%
7	7.398	900	903	907	rBV	99156	95542	28.64%	2.788%
8	7.428	907	908	913	rVB	8450	5511	1.65%	0.161%
9	8.098	1019	1022	1023	rBV	6226	5168	1.55%	0.151%
10	8.122	1023	1026	1032	rVB	418048	331618	99.39%	9.676%
11	9.198	1205	1209	1212	rBV	242044	209300	62.73%	6.107%
12	9.592	1271	1276	1282	rVB2	10939	11857	3.55%	0.346%
13	9.786	1304	1309	1310	rBV3	4447	4957	1.49%	0.145%
14	9.881	1321	1325	1329	rVB	414232	333651	100.00%	9.736%
15	10.298	1391	1396	1398	rBV5	6417	8091	2.42%	0.236%
16	10.516	1431	1433	1436	rVB3	7102	6132	1.84%	0.179%
17	10.669	1456	1459	1464	rBV	107399	98154	29.42%	2.864%
18	10.786	1474	1479	1482	rBV2	26925	28742	8.61%	0.839%
19	10.869	1487	1493	1495	rBV8	5641	8315	2.49%	0.243%
20	10.986	1511	1513	1516	rBV4	5456	6606	1.98%	0.193%
21	11.251	1555	1558	1560	rBV	26224	22878	6.86%	0.668%
22	11.369	1575	1578	1582	rBV	348292	308415	92.44%	8.999%
23	11.598	1615	1617	1621	rBV5	9103	7885	2.36%	0.230%
24	11.639	1621	1624	1625	rBV3	6711	7487	2.24%	0.218%
25	11.833	1655	1657	1661	rBV5	11008	9718	2.91%	0.284%
26	11.880	1663	1665	1667	rVV3	10616	10398	3.12%	0.303%
27	12.169	1712	1714	1716	rBV3	9638	10334	3.10%	0.302%
28	12.298	1734	1736	1738	rBV3	13082	13266	3.98%	0.387%
29	12.422	1755	1757	1759	rBV2	23449	20448	6.13%	0.597%
30	12.816	1821	1824	1830	rBV2	59603	80302	24.07%	2.343%
31	12.874	1831	1834	1837	rVB	29762	34227	10.26%	0.999%
32	12.957	1845	1848	1850	rVB	170358	152010	45.56%	4.435%
33	13.251	1896	1898	1902	rVB	49767	39711	11.90%	1.159%
34	13.345	1911	1914	1917	rBV	59852	55053	16.50%	1.606%

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.374	1917	1919	1921	rBV	56066	43777	13.12%	1.277%
36	14.021	2025	2029	2034	rVB	309231	292033	87.53%	8.521%
37	15.504	2277	2281	2285	rVB	182459	241253	72.31%	7.039%

Sum of corrected areas: 3427139

LSC Report - Integrated Chromatogram

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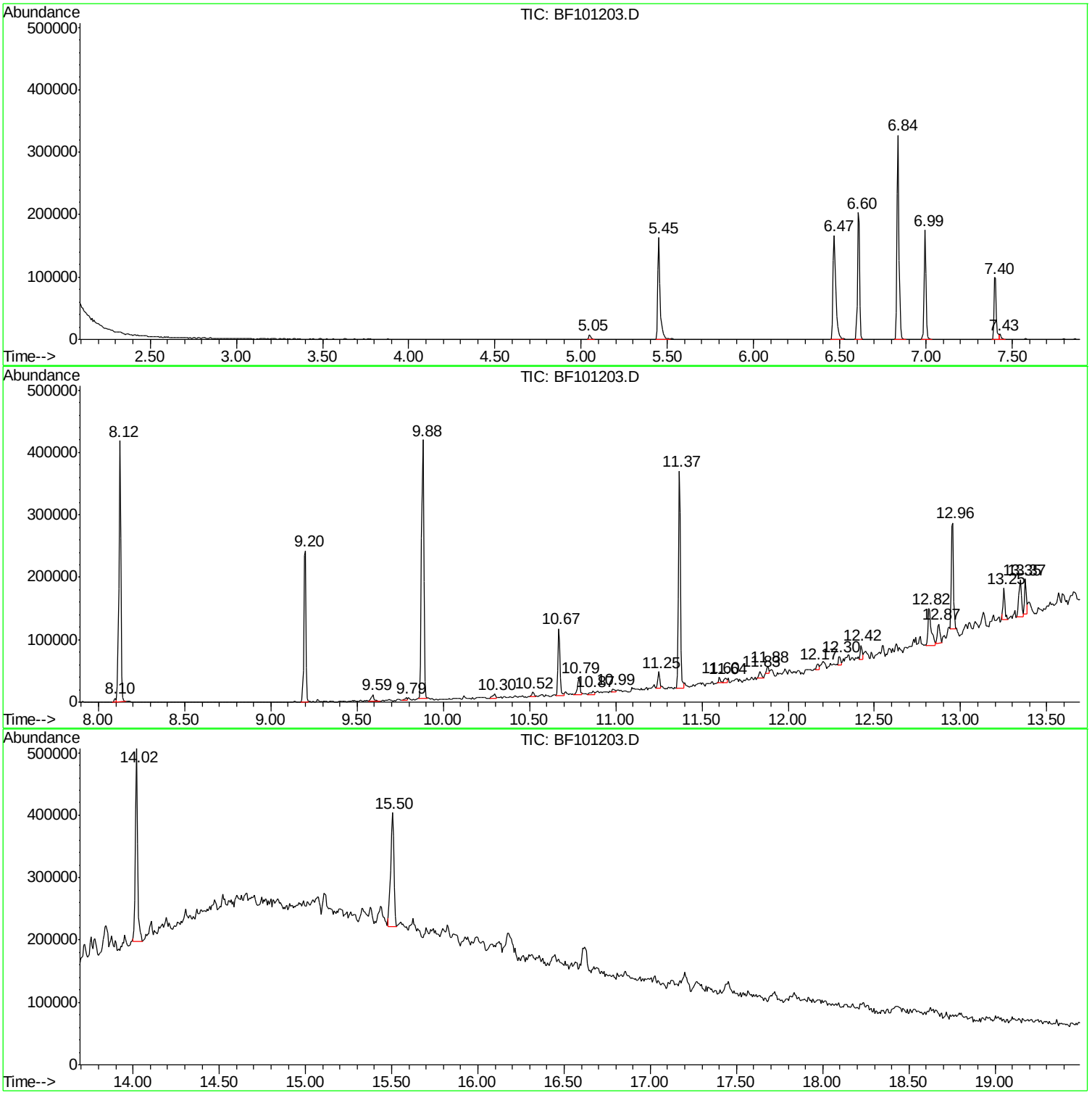
Acq On : 7 Dec 2017 14:21
Operator : SJ/JU
Sample : I6765-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SB002A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101203.D
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Sample : I6765-03 5X
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Instrument : BNA_F
ClientSampleId : SOIL-SB002A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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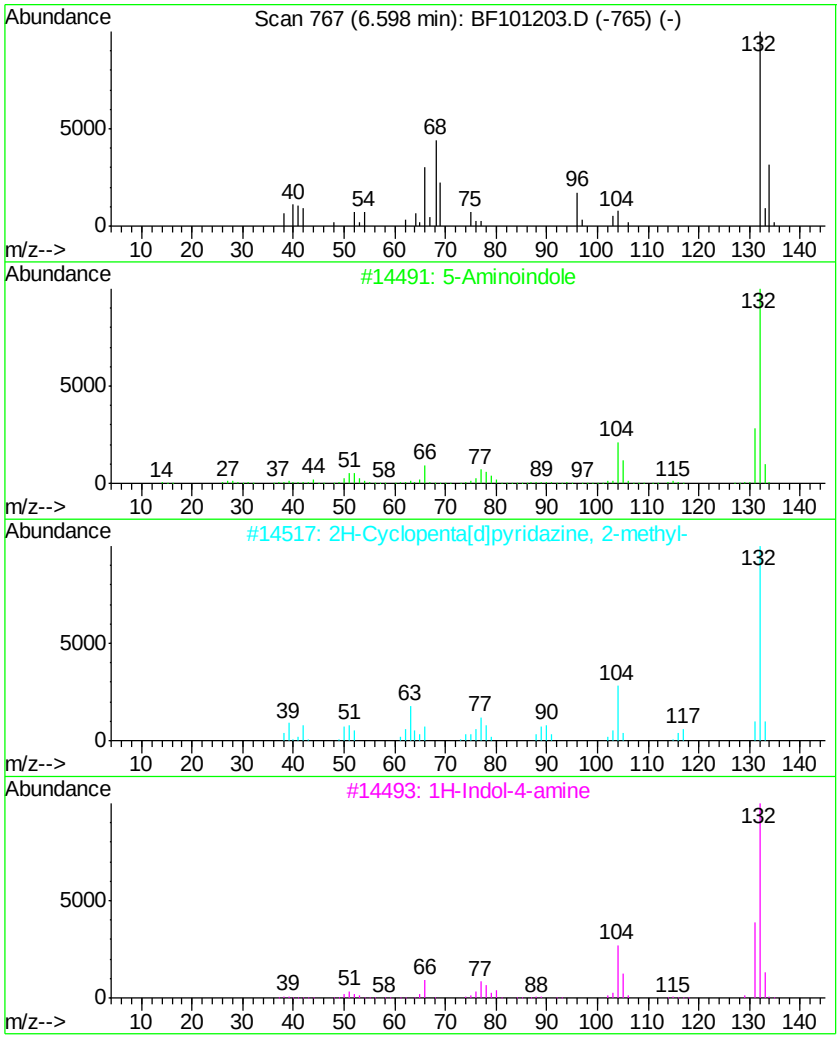
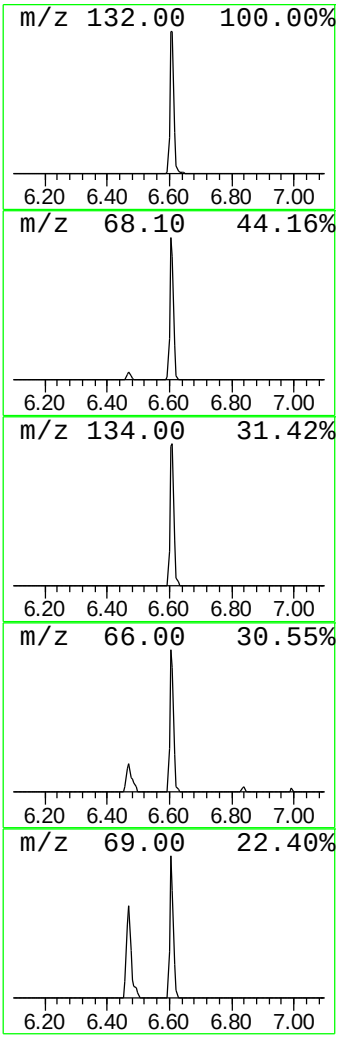
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	13.49 ng	179433	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	10
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	1H-Indol-4-amine	132	C8H8N2	005192-23-4	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-SB002A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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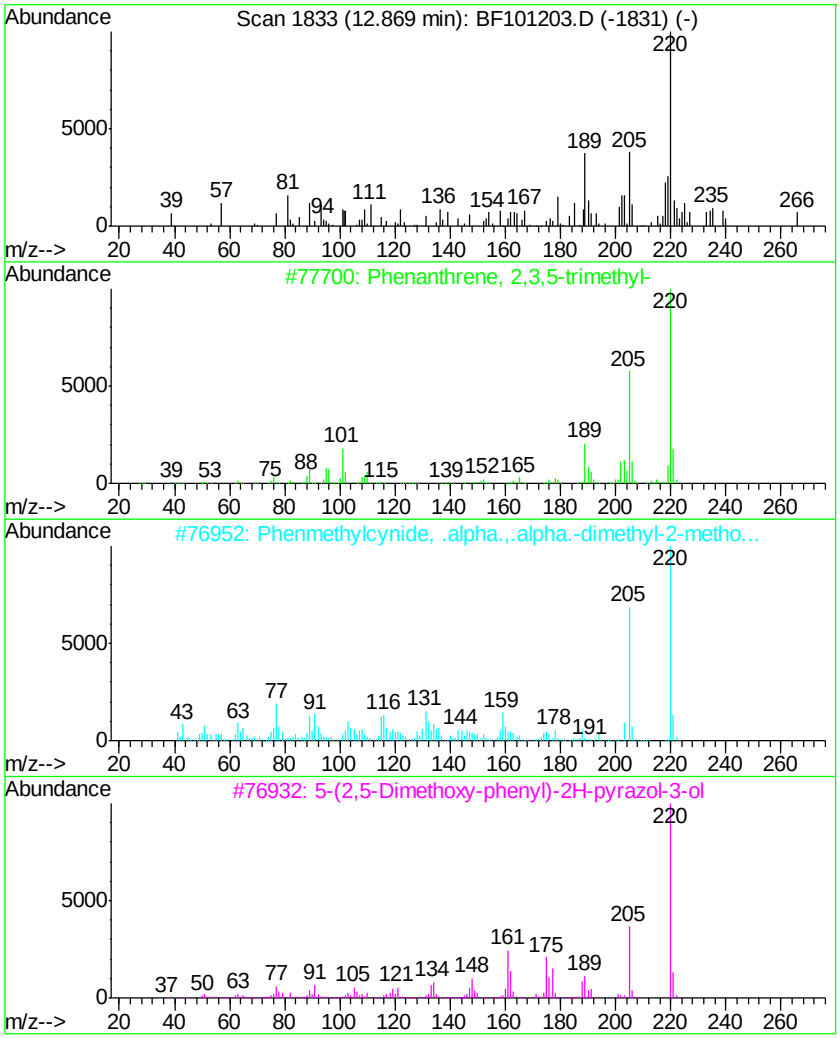
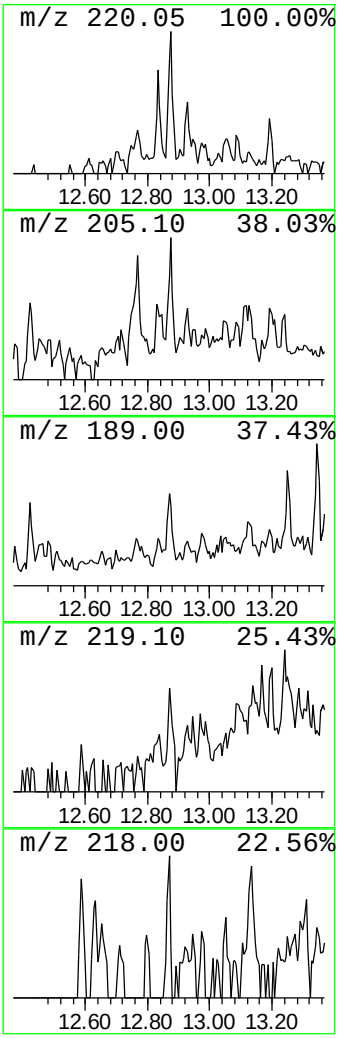
Peak Number 3 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.34 ng	34227	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	62
2	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	52
3	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	50
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	50
5	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	49





Library Search Compound Report

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Operator : SJ/JU
Sample : I6765-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-SB002A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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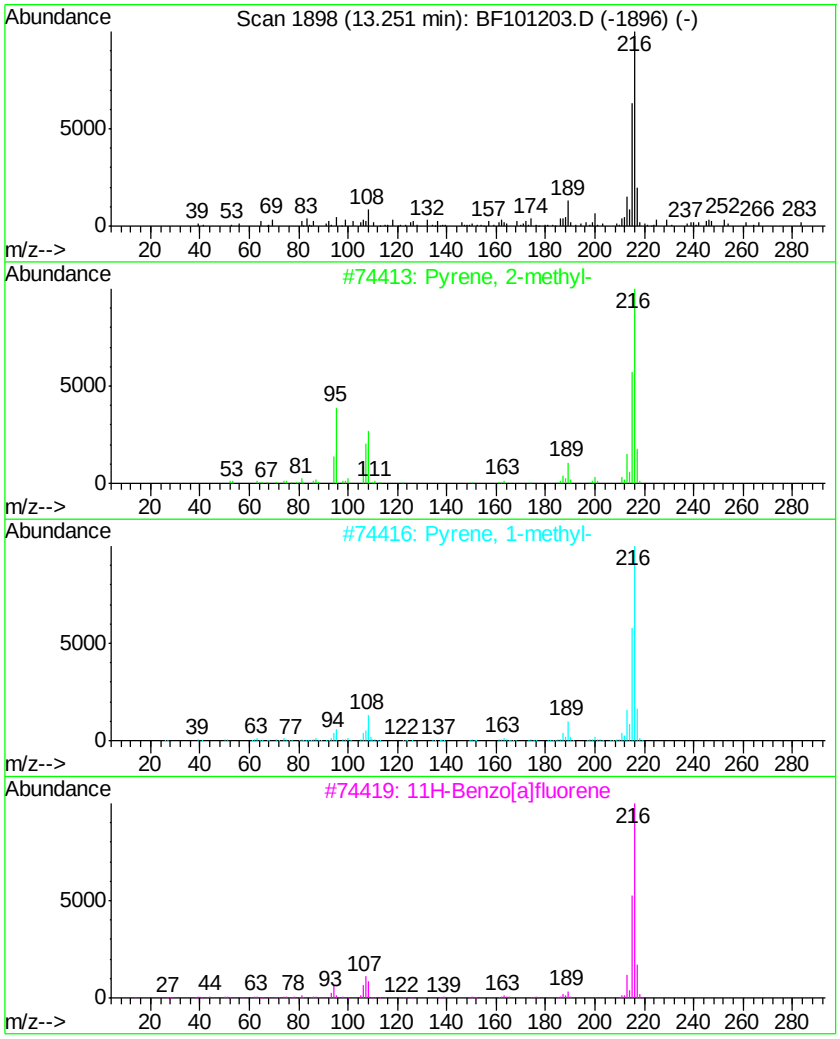
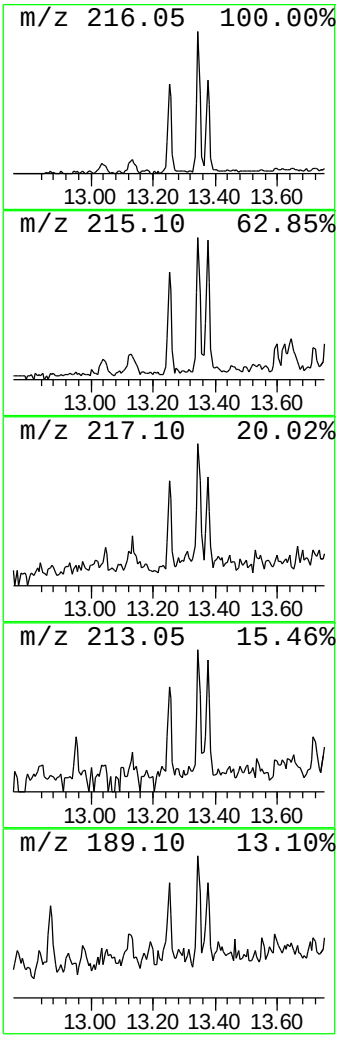
Peak Number 4 Pyrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.72 ng	39711	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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ALS Vial : 7 Sample Multiplier: 1

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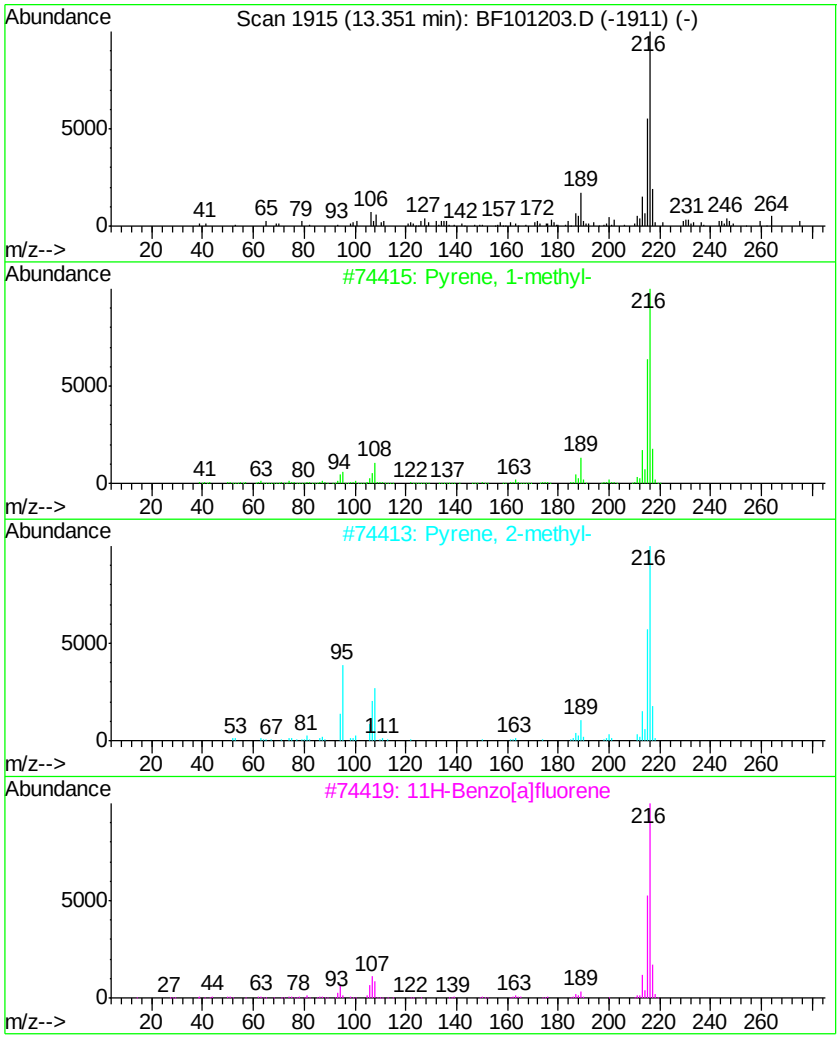
TIC Integration Parameters: LSCINT.P

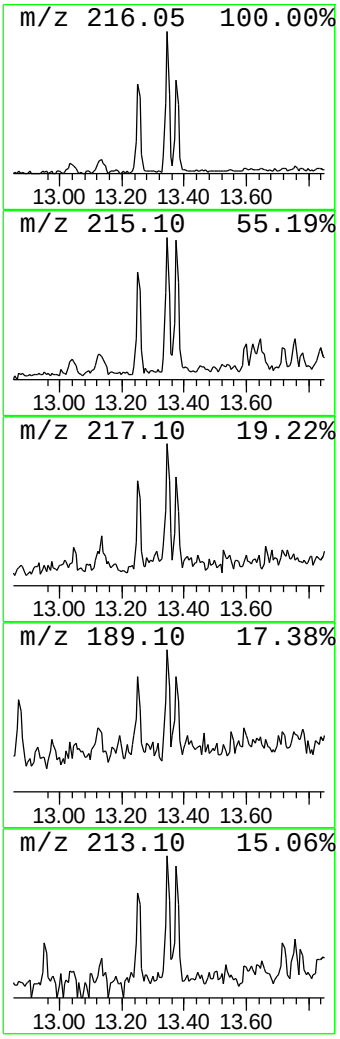
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.77 ng	55053	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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
unknown6.60	6.60	13.5	ng	179433	1	6.84	266033	20.0
Phenanthrene, 2,3...	12.87	2.3	ng	34227	5	14.02	292033	20.0
Pyrene, 2-methyl-	13.25	2.7	ng	39711	5	14.02	292033	20.0
Pyrene, 1-methyl-	13.35	3.8	ng	55053	5	14.02	292033	20.0