LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032677.D
Acq On : 22 Oct 2021 16:08
Operator : CG/JU
Sample : M4313-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 3990

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.131	383	390	411	rBV	3441420	4835083	71.25%	9.876%
2	6.748	657	665	679	rBV	3178795	4961369	73.11%	10.134%
3	7.542	790	800	810	rBV	889298	1355326	19.97%	2.768%
4	8.695	988	996	1009	rBV	2008445	3237889	47.71%	6.614%
5	10.113	1230	1237	1248	rBV	416831	626842	9.24%	1.280%
6	10.331	1266	1274	1288	rBV	1149343	1904909	28.07%	3.891%
7	12.813	1689	1696	1712	rBV	4377920	6786104	100.00%	13.861%
8	14.201	1922	1932	1941	rBV	1667018	2358634	34.76%	4.818%
9	15.695	2179	2186	2213	rBV	3118168	4539772	66.90%	9.273%
10	16.936	2390	2397	2402	rBV	1786374	2433469	35.86%	4.971%
11	17.065	2415	2419	2426	rVB	81201	112565	1.66%	0.230%
12	17.836	2546	2550	2559	rBV2	97472	157293	2.32%	0.321%
13	18.995	2742	2747	2754	rBV	176326	244817	3.61%	0.500%
14	19.353	2804	2808	2818	rVB	239813	345012	5.08%	0.705%
15	19.565	2836	2844	2849	rBV	5113210	6583636	97.02%	13.448%
16	19.683	2860	2864	2872	rBV4	45382	103270	1.52%	0.211%
17	19.853	2884	2893	2900	rBV	135075	296021	4.36%	0.605%
18	19.953	2906	2910	2914	rBV	103226	135714	2.00%	0.277%
19	20.012	2916	2920	2924	rVB2	61198	93620	1.38%	0.191%
20	20.153	2940	2944	2947	rBV	75998	104314	1.54%	0.213%
21	20.824	3054	3058	3065	rVB2	458011	554856	8.18%	1.133%
22	21.112	3101	3107	3111	rBV2	1710399	2578977	38.00%	5.268%
23	21.147	3111	3113	3120	rVB	492565	605736	8.93%	1.237%
24	22.618	3359	3363	3368	rBV	493307	929405	13.70%	1.898%
25	23.071	3436	3440	3449	rVB2	345280	687970	10.14%	1.405%
26	23.159	3451	3455	3460	rVB	309339	497098	7.33%	1.015%
27	23.253	3465	3471	3476	rBV2	1090337	1887843	27.82%	3.856%

Sum of corrected areas: 48957544

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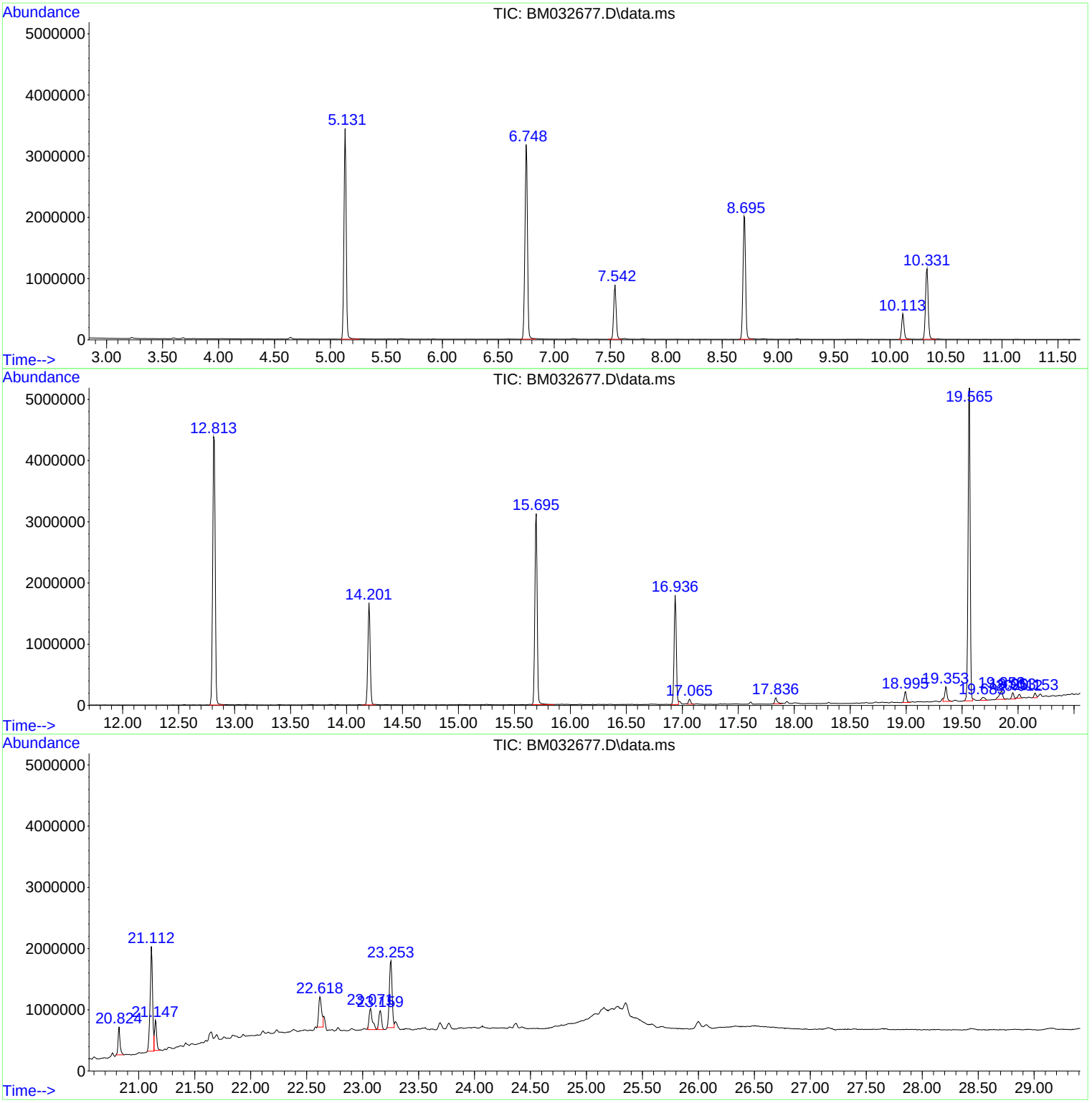
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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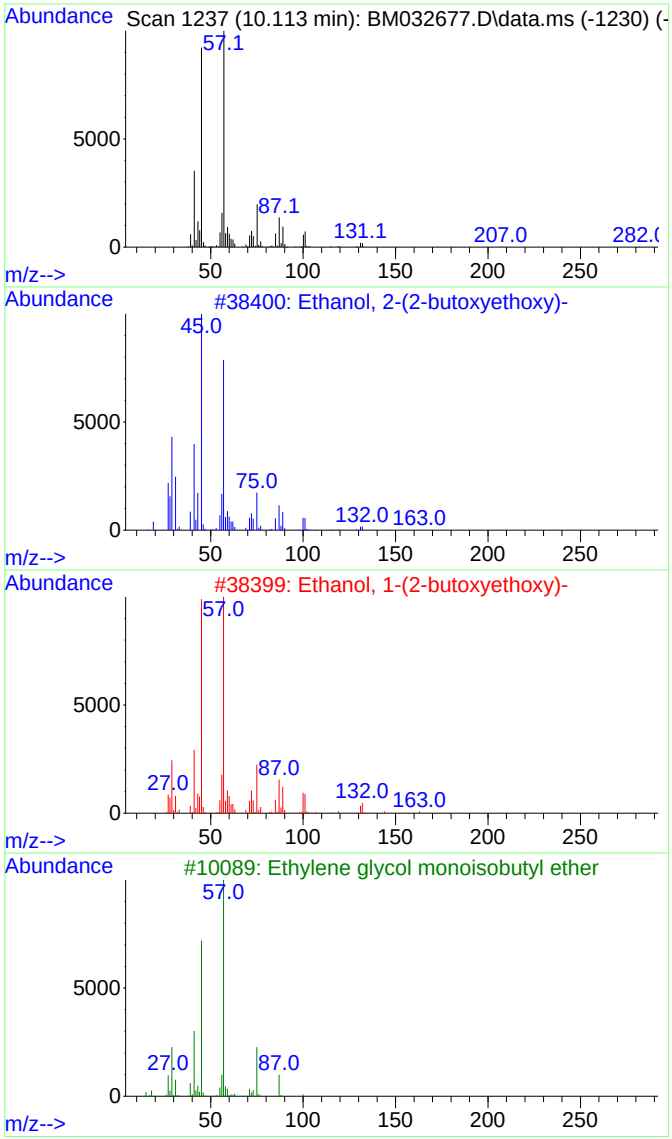
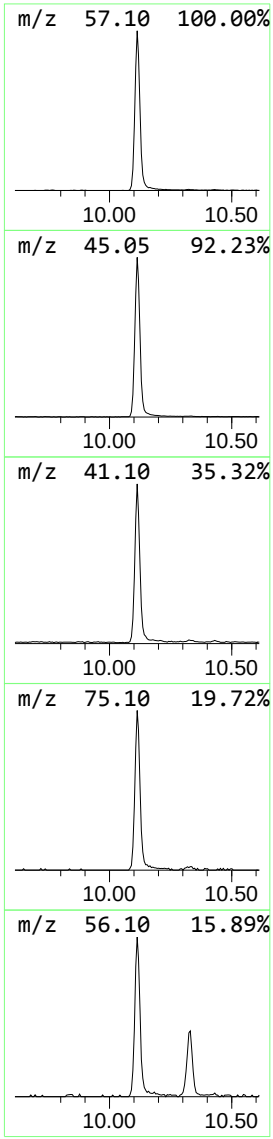
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.113	6.58 ng	626842	Naphthalene-d8	10.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





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Instrument : BNA_M
ClientSampleId : 3990

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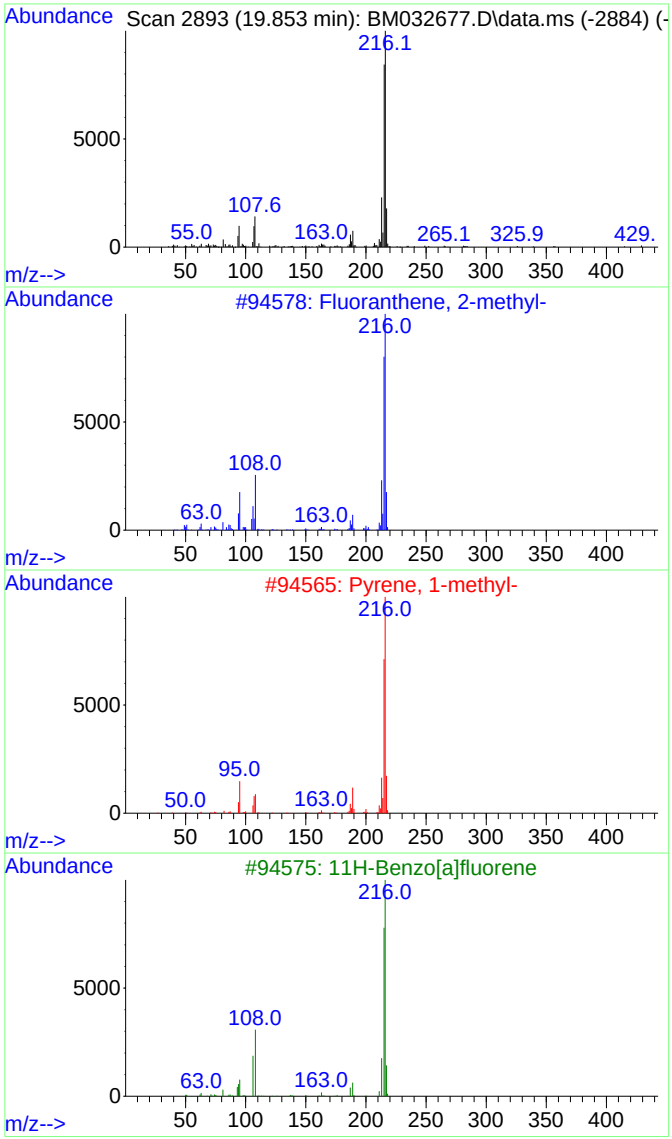
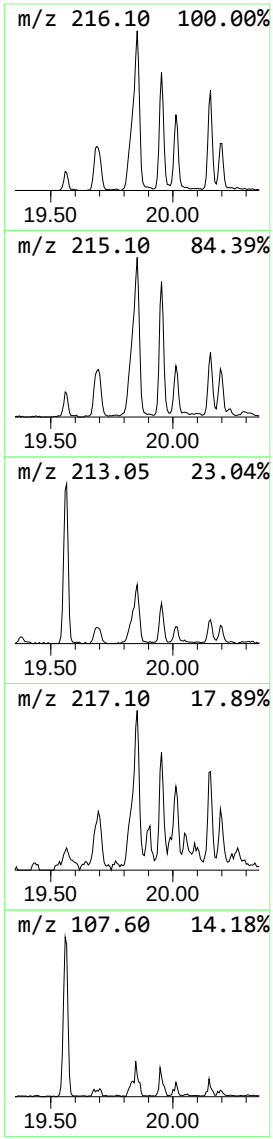
Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.853	2.30 ng	296021	Chrysene-d12	21.112

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
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	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : M4313-03
Misc :
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Instrument : BNA_M
ClientSampleId : 3990

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
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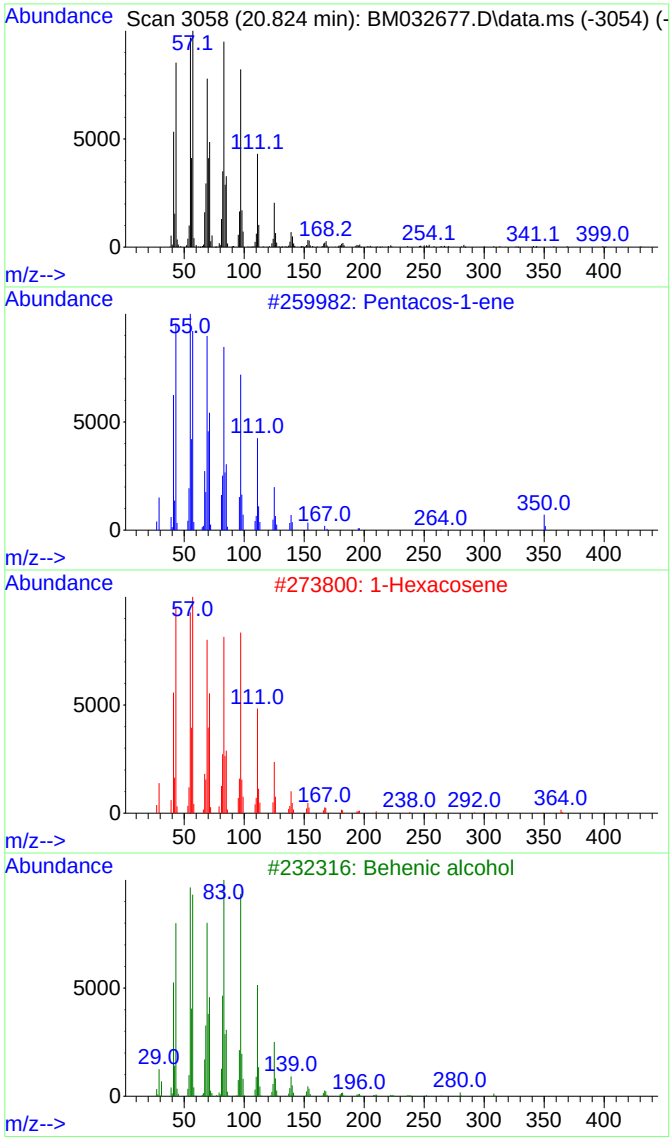
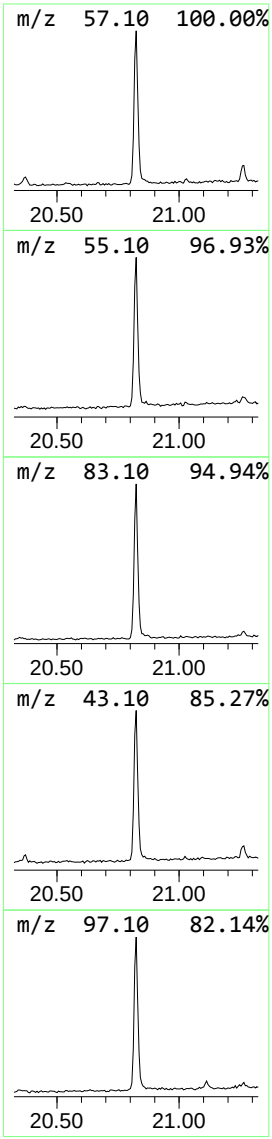
Peak Number 4 Pentacos-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.824	4.30 ng	554856	Chrysene-d12	21.112

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





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BNA_M
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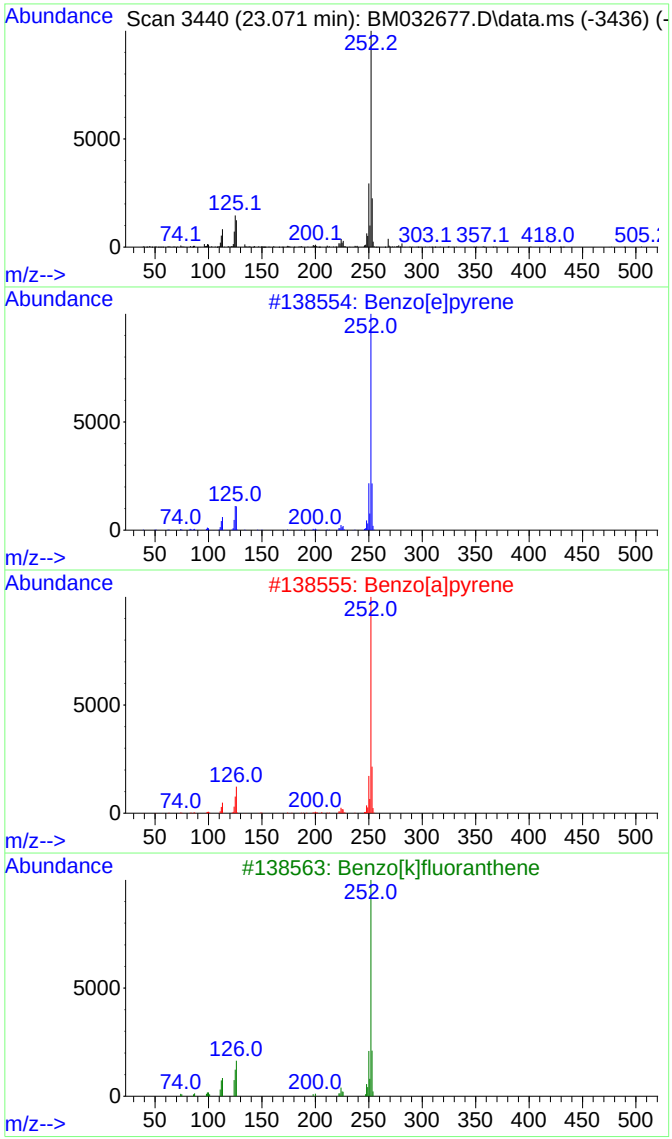
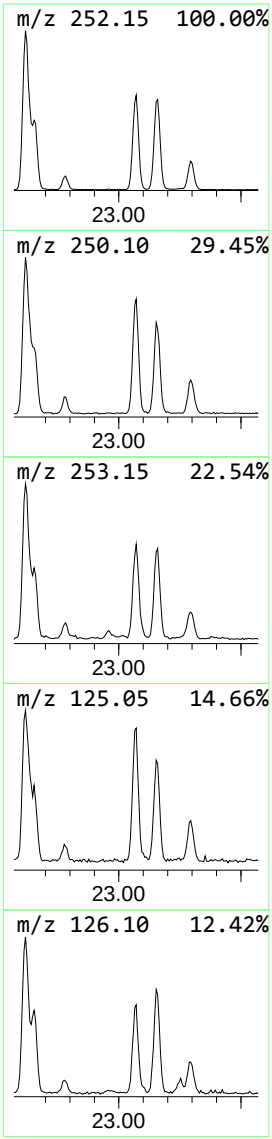
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.071	7.29 ng	687970	Perylene-d12	23.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.113	6.6	ng	626842	2	10.331	1904910	20.0
Fluoranthene, 2...	19.853	2.3	ng	296021	5	21.112	2578980	20.0
Pentacos-1-ene	20.824	4.3	ng	554856	5	21.112	2578980	20.0
Benzo[e]pyrene	23.071	7.3	ng	687970	6	23.253	1887840	20.0