LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013499.D
Acq On : 18 Dec 2017 15:24
Operator : SJ/JU
Sample : I6776-03MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55MEDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.857	636	641	649	rBV3	48276	80730	1.53%	0.279%
2	7.016	663	668	673	rBV3	38794	65396	1.24%	0.226%
3	7.210	696	701	709	rBV2	48914	87765	1.67%	0.303%
4	7.675	772	780	787	rBV	764845	1229152	23.36%	4.250%
5	8.386	896	901	912	rBV4	56563	106756	2.03%	0.369%
6	8.828	971	976	985	rVB2	50755	89863	1.71%	0.311%
7	9.545	1093	1098	1104	rBV3	37642	67609	1.28%	0.234%
8	10.092	1186	1191	1200	rBV3	46132	93943	1.79%	0.325%
9	10.451	1243	1252	1264	rBV	1066231	1809387	34.38%	6.257%
10	10.610	1272	1279	1286	rBV3	27436	64179	1.22%	0.222%
11	13.733	1803	1810	1814	rBV	112319	171061	3.25%	0.592%
12	14.004	1851	1856	1871	rVB2	141115	268061	5.09%	0.927%
13	14.316	1902	1909	1917	rBV2	1489102	2322562	44.13%	8.031%
14	15.310	2074	2078	2084	rBV	171751	250080	4.75%	0.865%
15	15.686	2136	2142	2148	rVB2	42286	67239	1.28%	0.233%
16	17.068	2370	2377	2382	rBV2	1800240	2630606	49.99%	9.096%
17	17.162	2388	2393	2397	rBV2	184750	276952	5.26%	0.958%
18	17.198	2397	2399	2405	rVB	76463	105800	2.01%	0.366%
19	17.586	2460	2465	2469	rBV2	60438	86054	1.64%	0.298%
20	18.139	2553	2559	2563	rBV2	82269	135319	2.57%	0.468%
21	18.862	2676	2682	2687	rBV4	39617	85452	1.62%	0.295%
22	19.009	2701	2707	2714	rBV	364607	545910	10.37%	1.888%
23	19.127	2721	2727	2736	rVB	2661585	3518530	66.86%	12.167%
24	19.374	2765	2769	2772	rBV	69477	91125	1.73%	0.315%
25	19.492	2779	2789	2798	rBV	3379094	5262548	100.00%	18.197%
26	19.568	2798	2802	2810	rVB5	56994	97072	1.84%	0.336%
27	19.674	2815	2820	2825	rBV	94390	140231	2.66%	0.485%
28	19.815	2838	2844	2851	rBV5	134149	350674	6.66%	1.213%
29	19.962	2862	2869	2871	rBV5	132199	264832	5.03%	0.916%
30	19.986	2871	2873	2878	rVB2	145728	195825	3.72%	0.677%
31	20.092	2887	2891	2894	rBV3	92114	119090	2.26%	0.412%
32	20.145	2894	2900	2904	rVV2	163362	319886	6.08%	1.106%
33	20.186	2904	2907	2911	rVB3	69067	82876	1.57%	0.287%
34	20.286	2921	2924	2928	rVV2	81695	105702	2.01%	0.366%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	20.333	2928	2932	2937	rVB2	84744	121060	2.30%	0.419%
36	20.739	2998	3001	3005	rVB	140945	176525	3.35%	0.610%
37	20.903	3023	3029	3033	rBV3	157072	296716	5.64%	1.026%
38	20.939	3033	3035	3038	rVV2	140571	169379	3.22%	0.586%
39	20.980	3039	3042	3047	rVV	154075	233753	4.44%	0.808%
40	21.039	3048	3052	3058	rVB	138485	218800	4.16%	0.757%
41	21.256	3082	3089	3093	rBV2	1883420	3127904	59.44%	10.816%
42	21.292	3093	3095	3107	rVB	865674	1160083	22.04%	4.011%
43	22.815	3349	3354	3358	rBV2	314755	613318	11.65%	2.121%
44	23.480	3461	3467	3473	rBV2	885791	1613773	30.67%	5.580%

Sum of corrected areas: 28919578

LSC Report - Integrated Chromatogram

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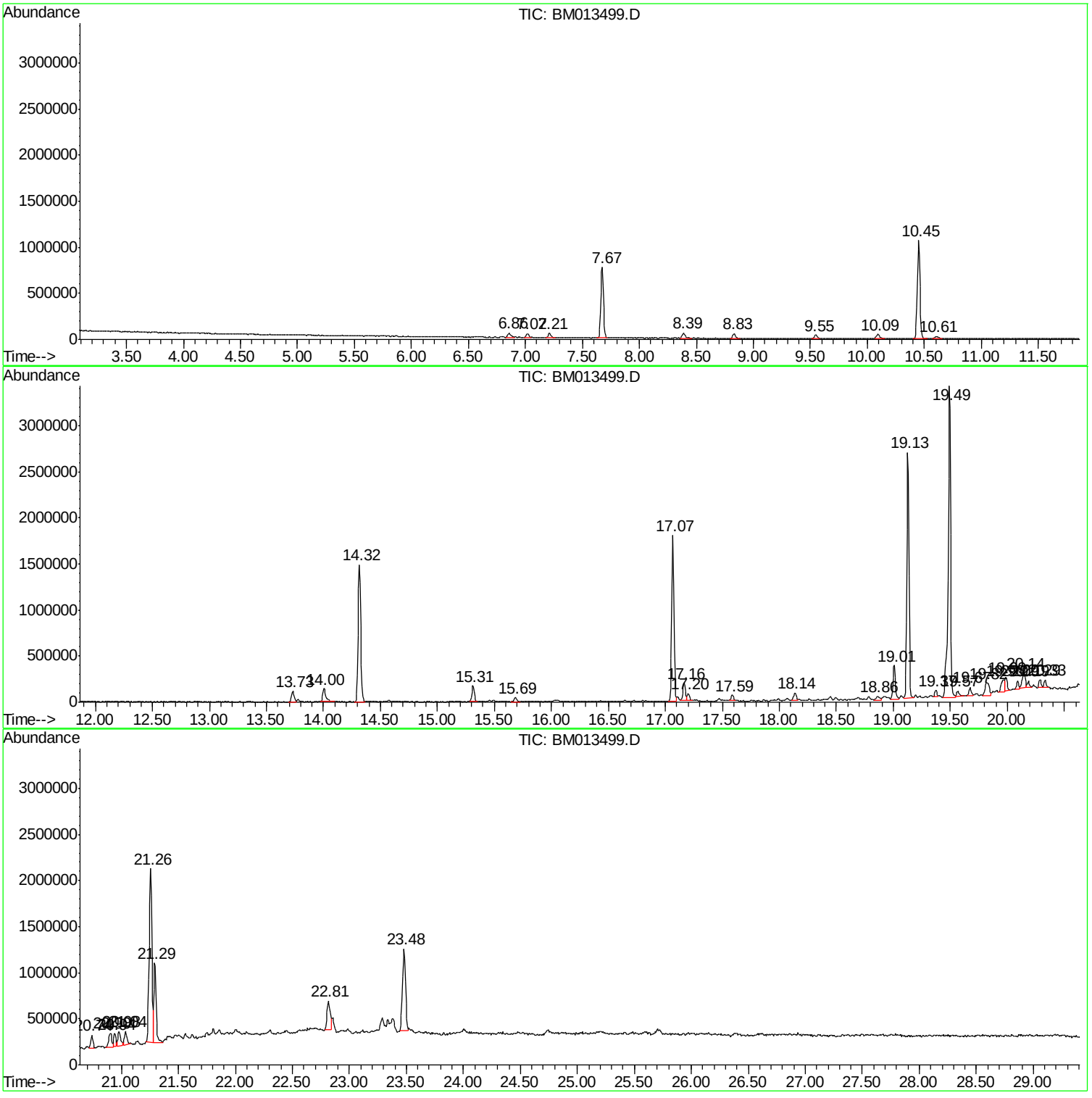
Sample : I6776-03MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013499.D
Acq On : 18 Dec 2017 15:24
Operator : SJ/JU
Sample : I6776-03MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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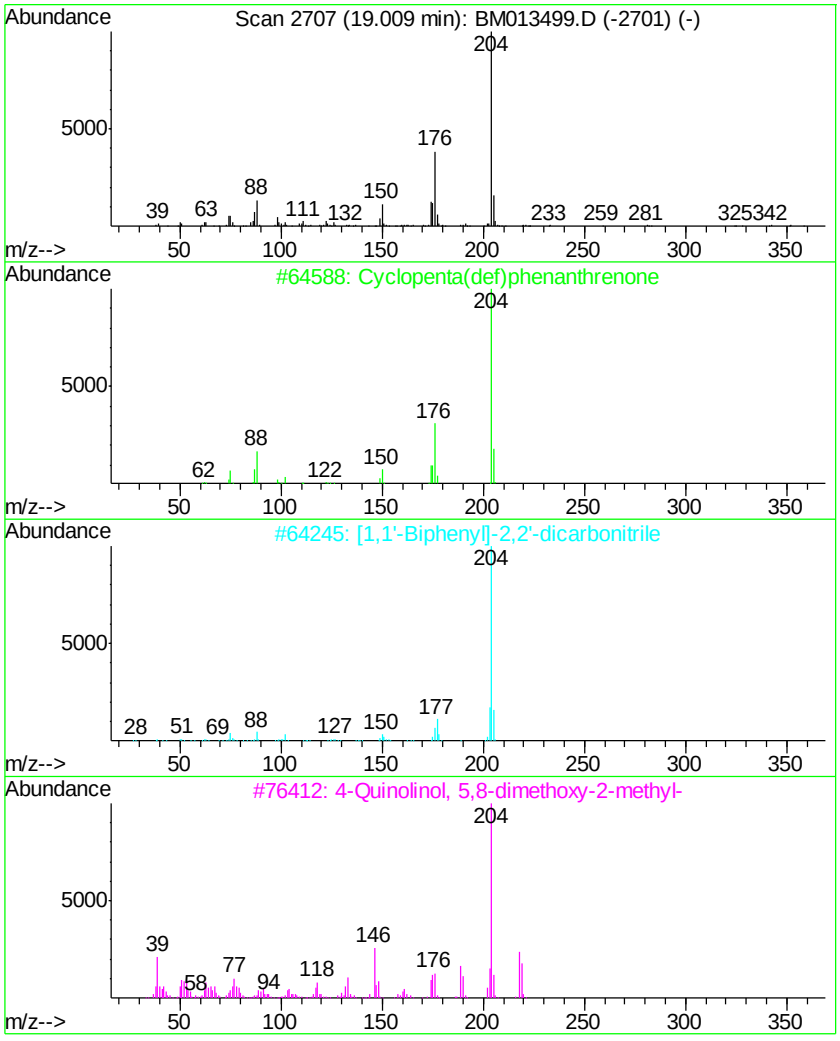
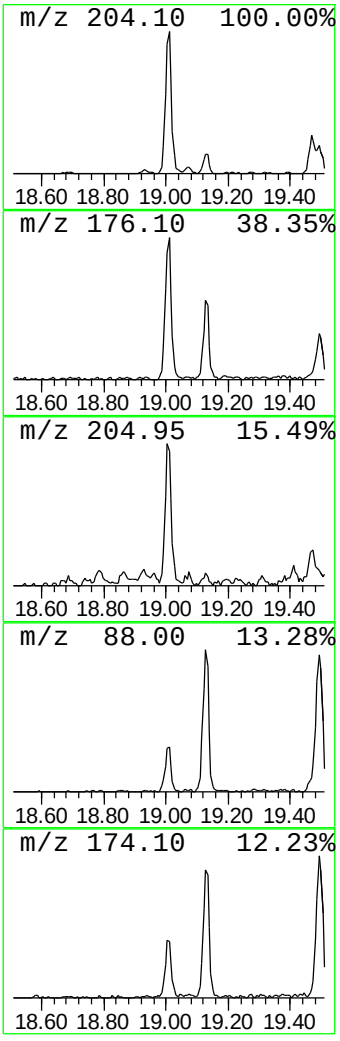
Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	4.15 ng/ul	545910	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47





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Instrument : BNA_M
ClientSampleId : F9A55MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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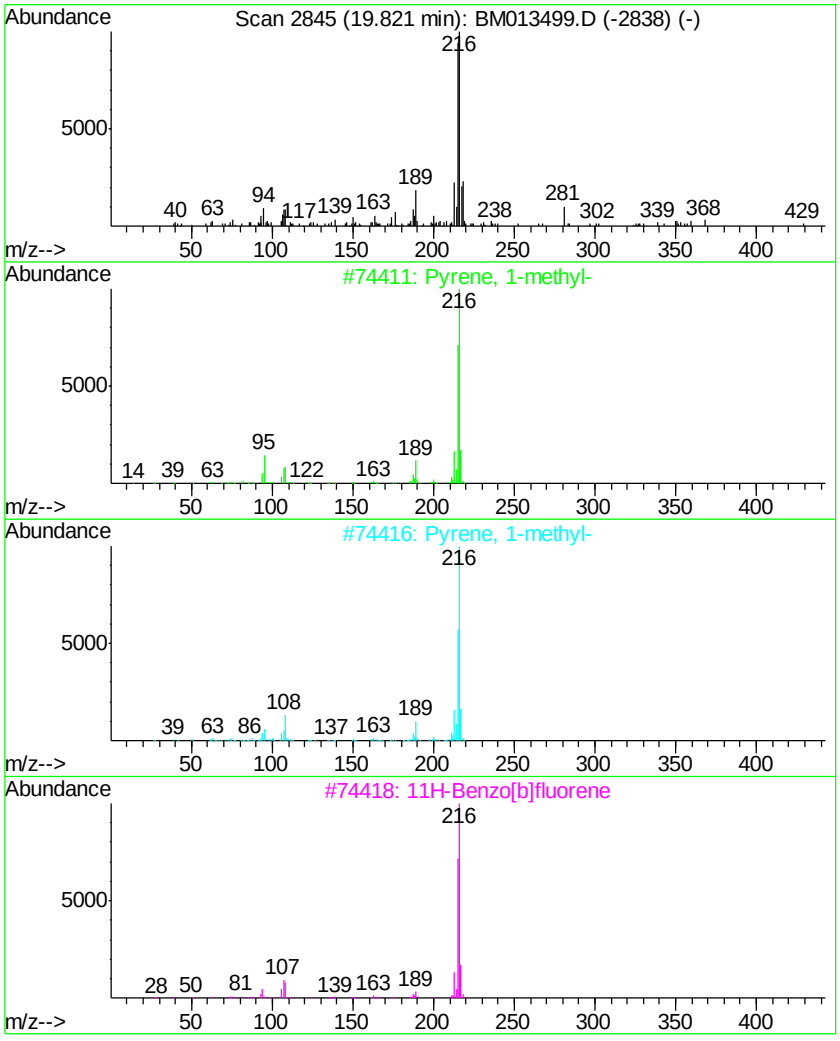
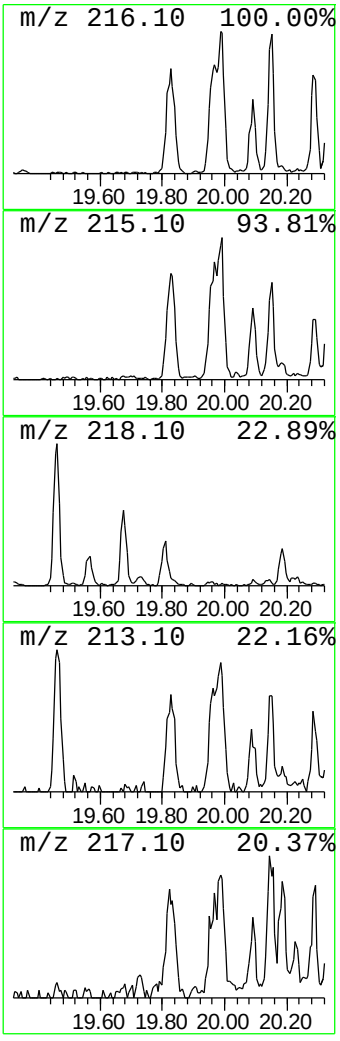
Peak Number 2 Pyrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.24 ng/ul	350674	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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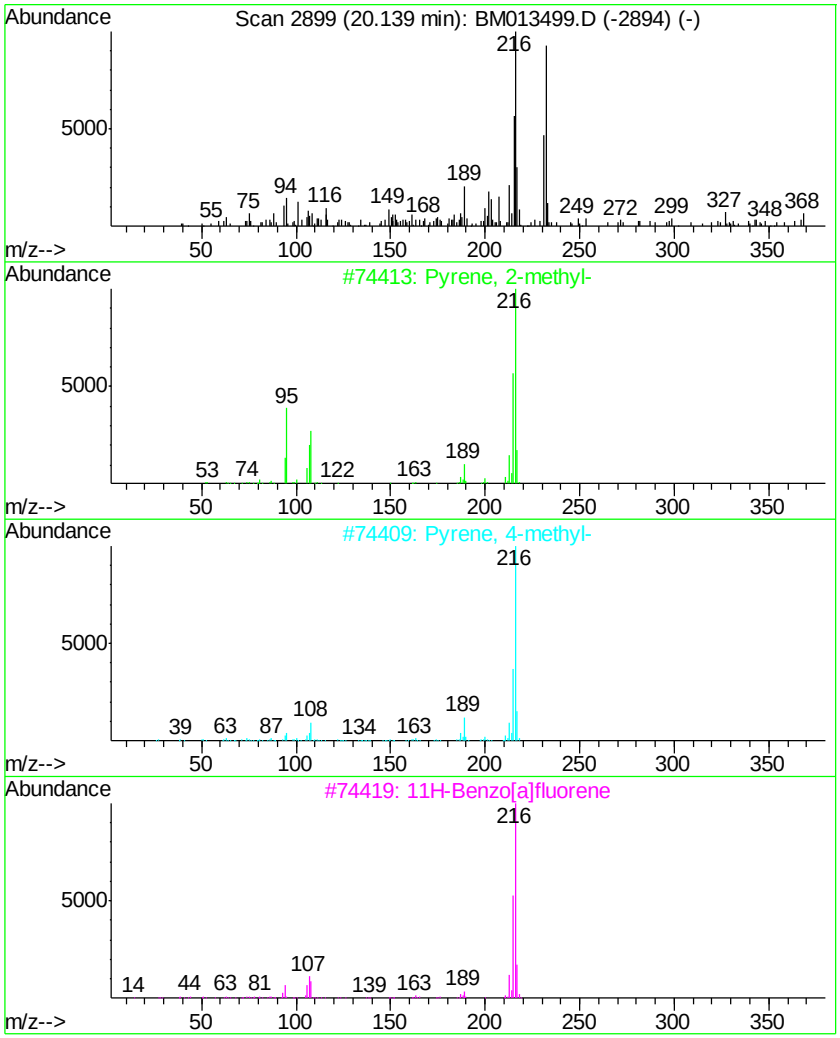
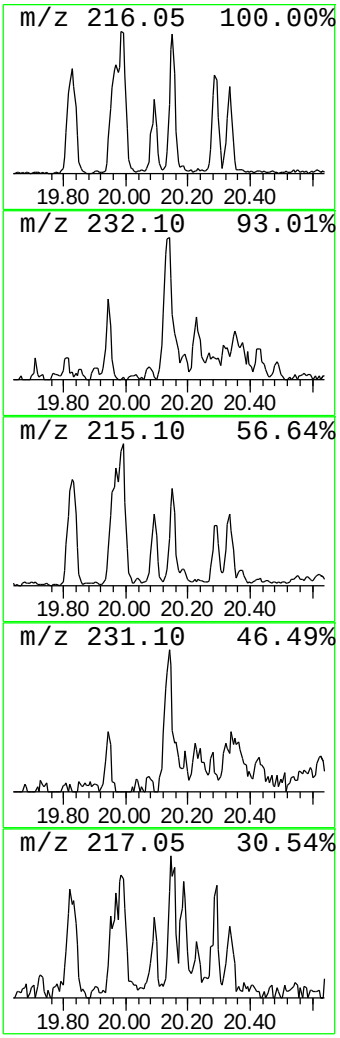
Peak Number 3 Pyrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.05 ng/ul	319886	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52





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
Cyclopenta(def)ph...	19.01	4.2	ng/ul	545910	4	17.07	2630610	20.0
Pyrene, 1-methyl-	19.82	2.2	ng/ul	350674	5	21.26	3127900	20.0
Pyrene, 2-methyl-	20.14	2.0	ng/ul	319886	5	21.26	3127900	20.0