LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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	6.851	635	640	650	rVB2	128339	231423	2.55%	0.479%
2	7.016	663	668	675	rVB	104106	157572	1.73%	0.326%
3	7.210	695	701	709	rBV2	134984	234887	2.58%	0.487%
4	7.669	773	779	790	rVB	708096	1158586	12.75%	2.400%
5	8.381	893	900	914	rVB2	156472	307398	3.38%	0.637%
6	8.828	970	976	984	rBV	142439	245949	2.71%	0.509%
7	9.545	1092	1098	1107	rBV2	111663	196944	2.17%	0.408%
8	10.086	1183	1190	1200	rBV	146537	284116	3.13%	0.589%
9	10.451	1245	1252	1260	rBV	1018157	1705345	18.76%	3.533%
10	10.604	1270	1278	1288	rBV	97536	209801	2.31%	0.435%
11	13.727	1803	1809	1814	rBV	309542	451620	4.97%	0.936%
12	14.004	1851	1856	1874	rVB2	372020	669845	7.37%	1.388%
13	14.316	1902	1909	1917	rBV2	1473770	2265321	24.92%	4.693%
14	14.557	1944	1950	1957	rBV5	45366	110464	1.22%	0.229%
15	15.310	2071	2078	2084	rBV	449755	670462	7.38%	1.389%
16	15.686	2135	2142	2154	rVB	81106	127747	1.41%	0.265%
17	17.062	2368	2376	2383	rBV2	1843581	2667988	29.35%	5.527%
18	17.162	2388	2393	2397	rBV	511913	740148	8.14%	1.533%
19	17.198	2397	2399	2405	rVB	144666	187891	2.07%	0.389%
20	17.586	2460	2465	2471	rVB	108191	145763	1.60%	0.302%
21	18.139	2553	2559	2567	rVV2	131115	238454	2.62%	0.494%
22	18.862	2677	2682	2688	rBV2	58189	113323	1.25%	0.235%
23	19.009	2701	2707	2713	rBV	703761	964820	10.62%	1.999%
24	19.133	2721	2728	2734	rVB	4866193	6583492	72.43%	13.638%
25	19.374	2765	2769	2773	rVB	118639	158907	1.75%	0.329%
26	19.462	2778	2784	2785	rBV	996122	1124537	12.37%	2.329%
27	19.498	2785	2790	2798	rVV	6579711	9089172	100.00%	18.828%
28	19.568	2798	2802	2808	rVB3	92802	150821	1.66%	0.312%
29	19.674	2815	2820	2826	rVB	152153	204444	2.25%	0.424%
30	19.833	2839	2847	2852	rBV2	230653	570563	6.28%	1.182%
31	19.986	2863	2873	2879	rVB2	271890	815564	8.97%	1.689%
32	20.092	2887	2891	2894	rBV	124262	143401	1.58%	0.297%
33	20.150	2894	2901	2904	rVV2	302262	514011	5.66%	1.065%
34	20.186	2904	2907	2911	rVV	129581	161224	1.77%	0.334%

LSC Area Percent Report

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Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

35	20.286	2919	2924	2928	rBV	196912	279564	3.08%	0.579%
36	20.333	2928	2932	2937	rVB3	149843	227829	2.51%	0.472%
37	20.550	2965	2969	2977	rBV8	40384	117121	1.29%	0.243%
38	20.739	2997	3001	3007	rVB	269770	339945	3.74%	0.704%
39	20.903	3023	3029	3032	rBV2	290678	496922	5.47%	1.029%
40	20.945	3032	3036	3039	rVV2	253192	350062	3.85%	0.725%
41	20.980	3039	3042	3047	rVV	283729	391857	4.31%	0.812%
42	21.039	3047	3052	3056	rVB	273820	350161	3.85%	0.725%
43	21.256	3081	3089	3093	rBV3	2251957	4556604	50.13%	9.439%
44	21.292	3093	3095	3105	rVB	1827344	2346637	25.82%	4.861%
45	21.562	3138	3141	3146	rBV4	105577	157462	1.73%	0.326%
46	21.621	3148	3151	3155	rBV5	71693	96368	1.06%	0.200%
47	21.803	3179	3182	3186	rVB	127645	146912	1.62%	0.304%
48	22.815	3348	3354	3360	rBV2	712682	1604199	17.65%	3.323%
49	23.291	3430	3435	3439	rBV2	247933	458709	5.05%	0.950%
50	23.338	3439	3443	3447	rVV	270553	491046	5.40%	1.017%
51	23.380	3447	3450	3458	rVB	259314	452522	4.98%	0.937%
52	23.480	3461	3467	3473	rBV2	975986	1808758	19.90%	3.747%

Sum of corrected areas: 48274681

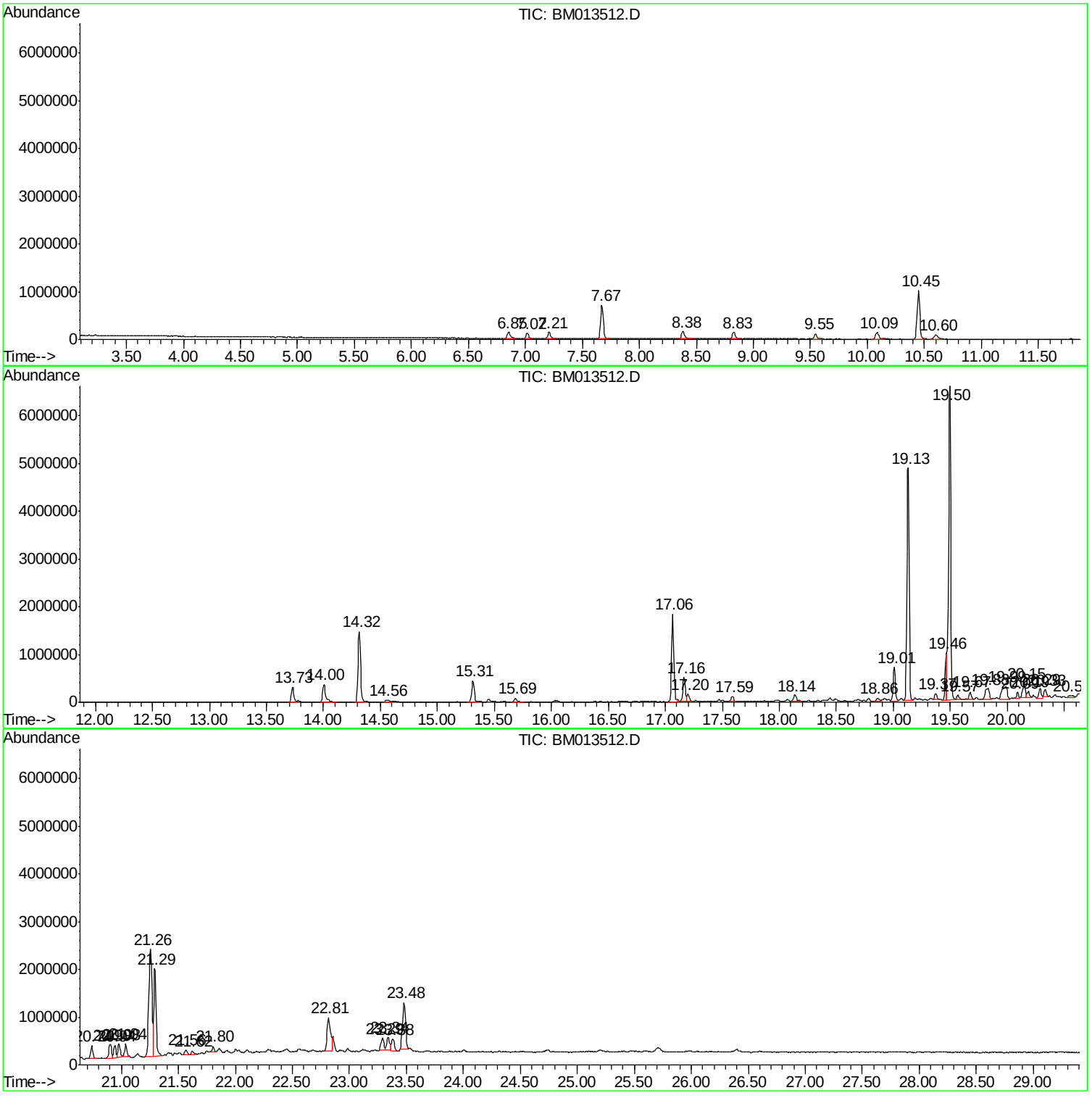
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

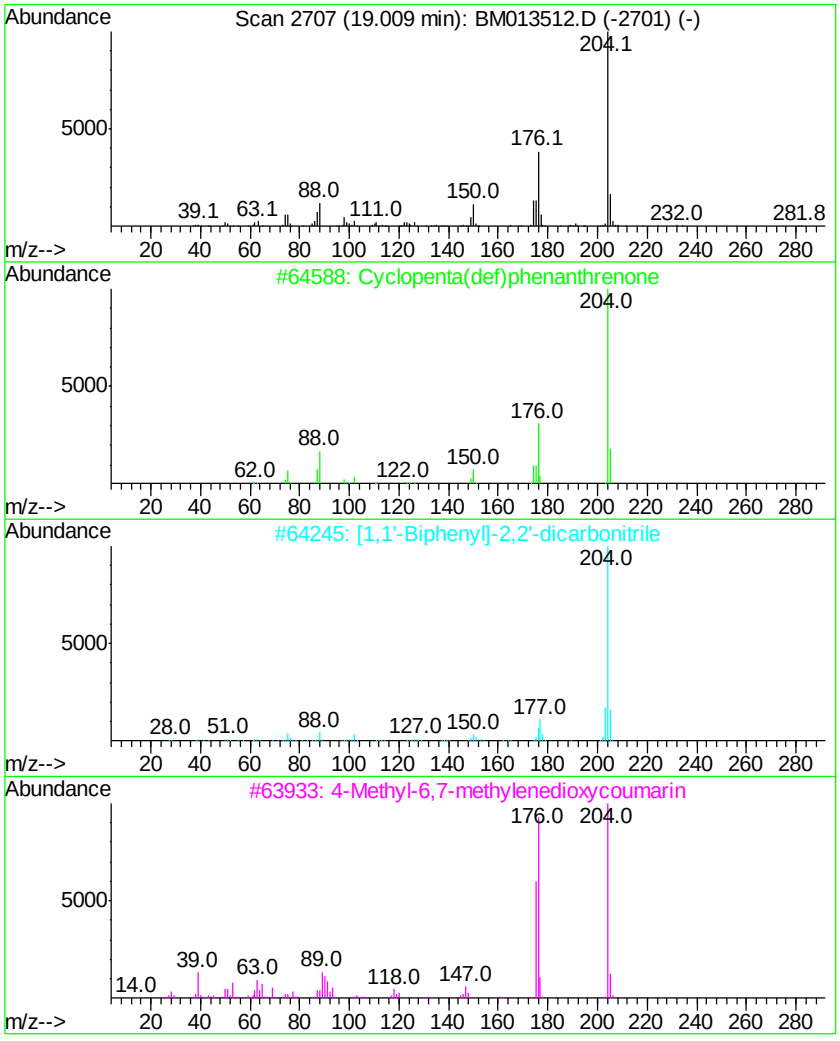
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

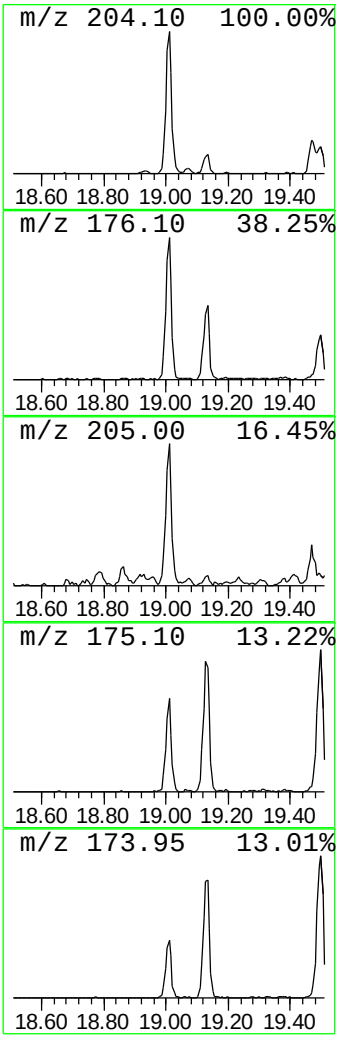
****

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	7.23 ng/ul	964820	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	45
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

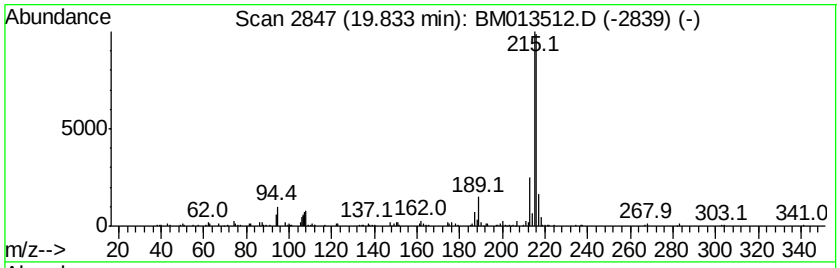
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

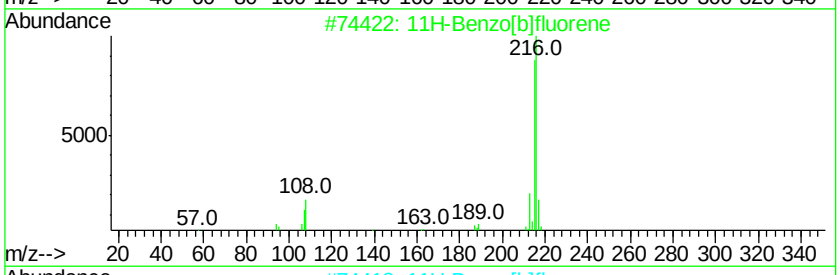
****

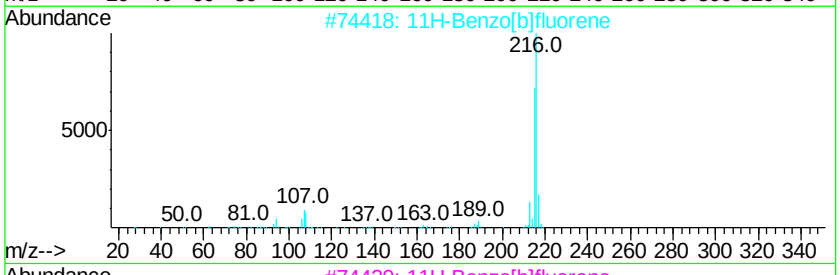
Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 3

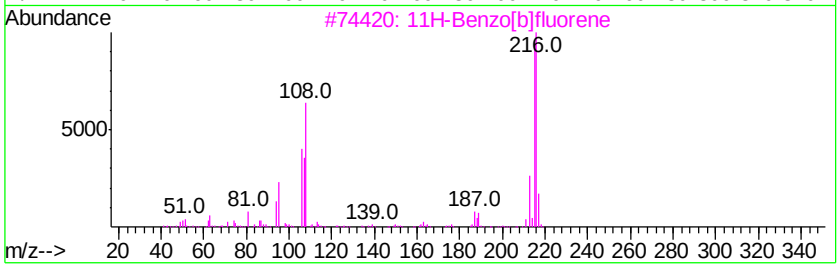
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.50 ng/ul	570563	Chrysene-d12	21.26

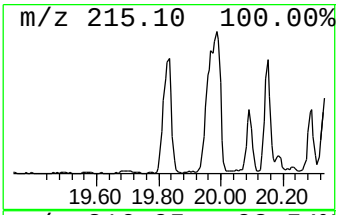
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70

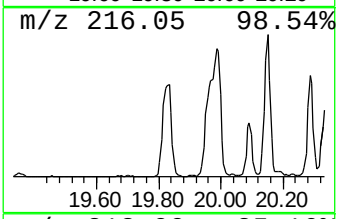


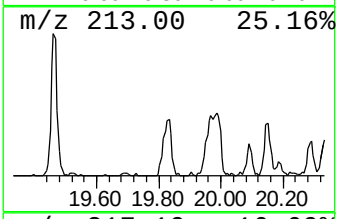


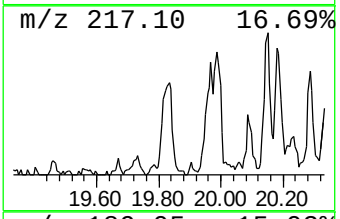


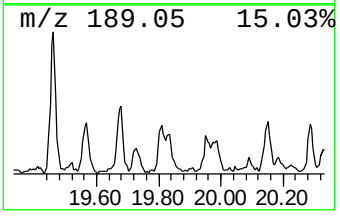












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

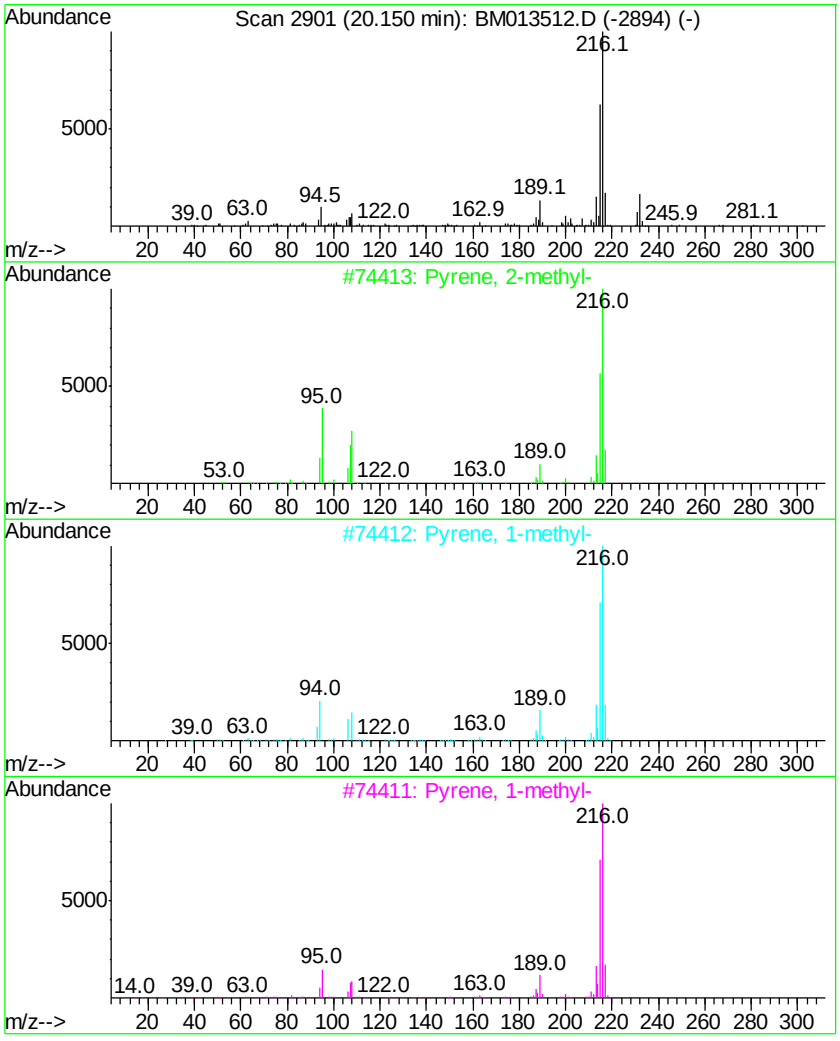
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

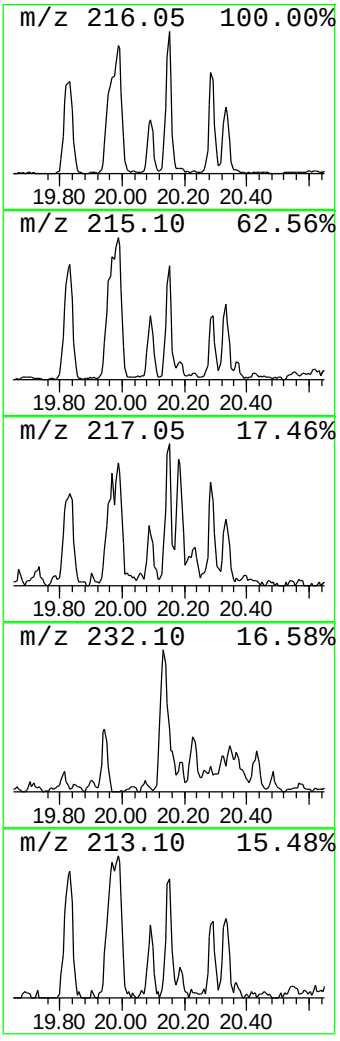
****

Peak Number 4 Pyrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.26 ng/ul	514011	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Library Search Compound Report

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Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

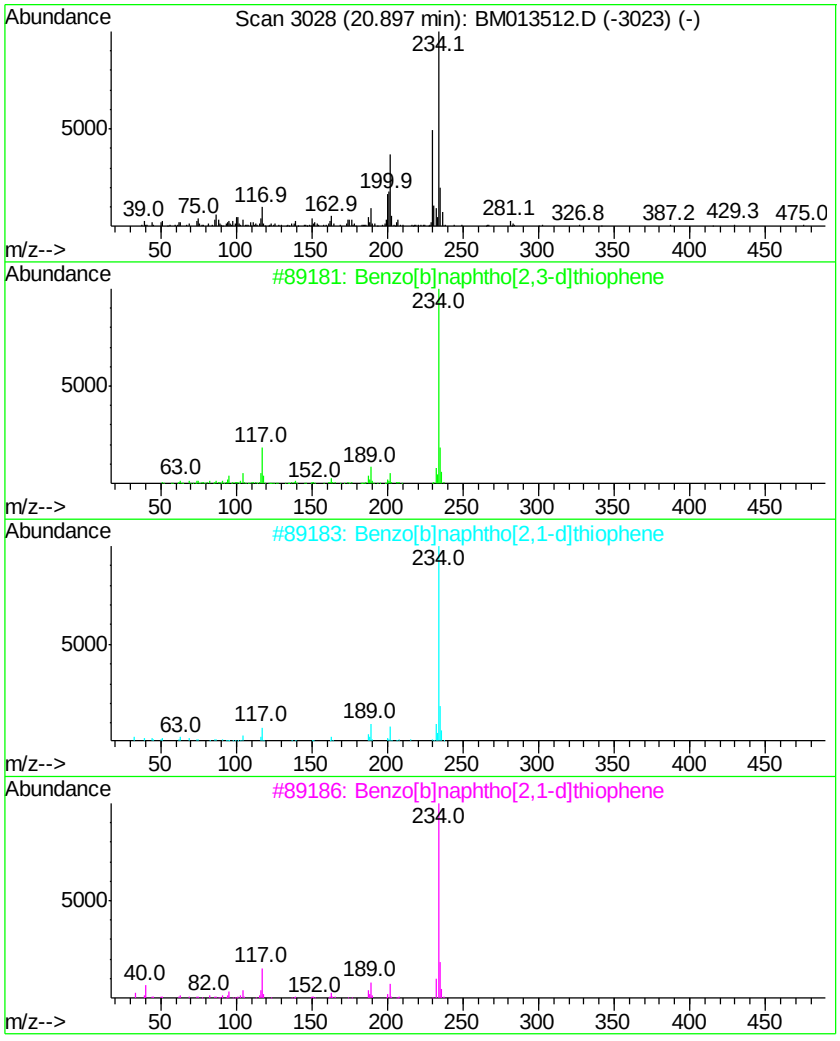
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

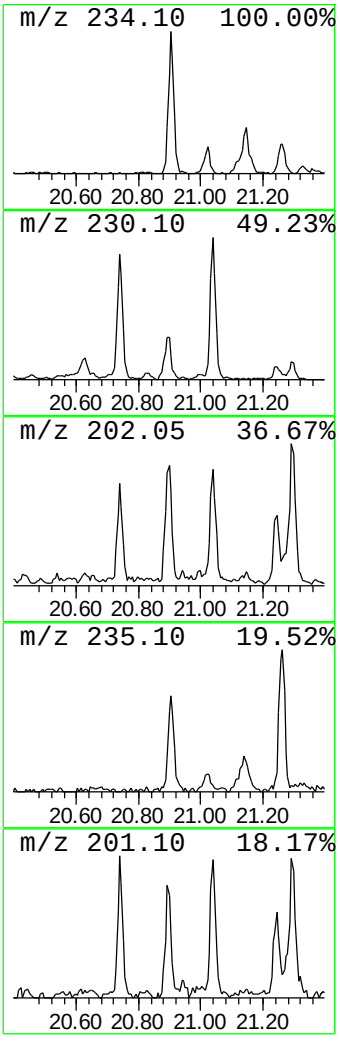
****

Peak Number 5 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.18 ng/ul	496922	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	70
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121917\
Data File : BM013512.D
Acq On : 19 Dec 2017 14:40
Operator : SJ/JU
Sample : I6776-03ME 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55ME

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopenta(def)ph...	19.01	7.2	ng/ul	964820	4	17.06	2667990	20.0
11H-Benzo[b]fluorene	19.83	2.5	ng/ul	570563	5	21.26	4556600	20.0
Pyrene, 2-methyl-	20.15	2.3	ng/ul	514011	5	21.26	4556600	20.0
Benzo[b]naphtho[2...	20.90	2.2	ng/ul	496922	5	21.26	4556600	20.0