LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029434.D
Acq On : 09 Apr 2021 16:47
Operator : CG/JU
Sample : M1881-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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	2.934	3	8	14	rBV	3603577	4202215	69.07%	7.160%
2	3.193	49	52	60	rVB	20196	31004	0.51%	0.053%
3	3.704	135	139	148	rVB	50653	66639	1.10%	0.114%
4	3.828	155	160	167	rVB	32757	50034	0.82%	0.085%
5	3.916	171	175	180	rVB	32002	42445	0.70%	0.072%
6	4.822	324	329	339	rBV2	28114	50873	0.84%	0.087%
7	5.351	413	419	428	rBV	41319	94548	1.55%	0.161%
8	5.716	474	481	487	rBV2	27112	43035	0.71%	0.073%
9	5.810	493	497	504	rBV2	14046	26148	0.43%	0.045%
10	6.857	668	675	692	rVB	339109	619584	10.18%	1.056%
11	7.028	697	704	717	rBV	242313	411926	6.77%	0.702%
12	7.222	731	737	746	rVV	354661	556806	9.15%	0.949%
13	7.334	749	756	764	rVB3	12572	25415	0.42%	0.043%
14	7.686	807	816	824	rVV	387156	582661	9.58%	0.993%
15	8.392	930	936	943	rVV	355471	583797	9.60%	0.995%
16	8.510	950	956	962	rBV2	20123	33417	0.55%	0.057%
17	8.786	996	1003	1006	rBV4	17511	29324	0.48%	0.050%
18	8.839	1006	1012	1022	rVB	285398	472665	7.77%	0.805%
19	9.028	1034	1044	1052	rVB10	19288	54249	0.89%	0.092%
20	9.169	1062	1068	1077	rVB5	10048	24685	0.41%	0.042%
21	9.269	1079	1085	1088	rBV3	16377	28873	0.47%	0.049%
22	9.310	1088	1092	1097	rVV2	25798	39896	0.66%	0.068%
23	9.369	1097	1102	1113	rVB7	21079	59140	0.97%	0.101%
24	9.557	1123	1134	1141	rBV2	252952	450227	7.40%	0.767%
25	9.945	1192	1200	1209	rVB6	25672	61895	1.02%	0.105%
26	10.092	1217	1225	1235	rVB	367622	629993	10.35%	1.073%
27	10.175	1235	1239	1245	rBV	33095	57111	0.94%	0.097%
28	10.469	1279	1289	1294	rBV	459853	796369	13.09%	1.357%
29	10.516	1294	1297	1305	rVV3	50668	103556	1.70%	0.176%
30	10.604	1305	1312	1324	rVV	145322	343638	5.65%	0.586%
31	10.686	1324	1326	1332	rVB4	22351	31040	0.51%	0.053%
32	10.880	1348	1359	1362	rBV4	10708	31026	0.51%	0.053%
33	11.139	1398	1403	1414	rVB10	15909	42639	0.70%	0.073%
34	11.380	1440	1444	1453	rVB9	13125	39623	0.65%	0.068%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1881-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	11.527	1461	1469	1474	rBV8	18317	51802	0.85%	0.088%
36	11.757	1500	1508	1512	rVV3	19584	40531	0.67%	0.069%
37	11.804	1512	1516	1523	rVB4	20165	41557	0.68%	0.071%
38	12.004	1544	1550	1554	rBV2	50258	81576	1.34%	0.139%
39	12.216	1579	1586	1588	rBV5	16551	33492	0.55%	0.057%
40	12.269	1591	1595	1599	rVV	36498	58260	0.96%	0.099%
41	12.357	1605	1610	1613	rBV6	20049	34213	0.56%	0.058%
42	12.763	1676	1679	1685	rVB7	15667	24764	0.41%	0.042%
43	12.821	1685	1689	1692	rBV5	12927	22511	0.37%	0.038%
44	13.163	1739	1747	1754	rVV4	40149	116013	1.91%	0.198%
45	13.221	1754	1757	1766	rVB6	23969	63640	1.05%	0.108%
46	13.551	1808	1813	1816	rBV4	13083	24089	0.40%	0.041%
47	13.733	1839	1844	1849	rBV	566994	818386	13.45%	1.394%
48	13.780	1849	1852	1857	rVV	45166	61904	1.02%	0.105%
49	13.857	1861	1865	1872	rBV5	25179	54808	0.90%	0.093%
50	14.015	1884	1892	1903	rBV	632715	978294	16.08%	1.667%
51	14.157	1913	1916	1924	rVB8	26095	56523	0.93%	0.096%
52	14.227	1924	1928	1931	rBV6	15505	23138	0.38%	0.039%
53	14.321	1938	1944	1951	rVV	632735	914305	15.03%	1.558%
54	14.386	1951	1955	1960	rVB	103923	140125	2.30%	0.239%
55	14.521	1972	1978	1990	rVB	172713	293445	4.82%	0.500%
56	14.721	2008	2012	2019	rVB	50483	89280	1.47%	0.152%
57	14.951	2044	2051	2055	rBV9	13446	34494	0.57%	0.059%
58	15.110	2073	2078	2082	rBV8	14978	32097	0.53%	0.055%
59	15.315	2107	2113	2118	rBV	817966	1148926	18.88%	1.958%
60	15.368	2118	2122	2127	rVV	143436	207597	3.41%	0.354%
61	15.433	2127	2133	2141	rVV3	75453	137213	2.26%	0.234%
62	15.492	2141	2143	2147	rVV2	18856	23247	0.38%	0.040%
63	15.533	2147	2150	2156	rVV4	26720	47883	0.79%	0.082%
64	15.668	2168	2173	2178	rVB	31400	50456	0.83%	0.086%
65	15.815	2192	2198	2204	rVB2	30847	62959	1.03%	0.107%
66	16.051	2234	2238	2245	rVB5	30998	44874	0.74%	0.076%
67	16.280	2273	2277	2282	rBV5	30247	46744	0.77%	0.080%
68	16.421	2298	2301	2305	rVB4	32276	42083	0.69%	0.072%
69	16.721	2348	2352	2359	rBV	40972	63270	1.04%	0.108%
70	16.880	2375	2379	2388	rVB	113301	190252	3.13%	0.324%
71	17.062	2405	2410	2413	rBV	684420	974061	16.01%	1.660%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1881-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

72	17.109	2413	2418	2422	rVV	2217671	3085676	50.72%	5.258%
73	17.162	2422	2427	2430	rVV	908396	1246159	20.48%	2.123%
74	17.198	2430	2433	2438	rVB	345732	444111	7.30%	0.757%
75	17.256	2439	2443	2448	rVV	77152	120078	1.97%	0.205%
76	17.468	2475	2479	2484	rBV	109255	158417	2.60%	0.270%
77	17.780	2530	2532	2538	rBV5	50232	77843	1.28%	0.133%
78	17.939	2555	2559	2561	rBV	165547	215297	3.54%	0.367%
79	17.980	2561	2566	2573	rVB2	279384	575208	9.45%	0.980%
80	18.133	2587	2592	2596	rBV3	339069	542111	8.91%	0.924%
81	18.439	2641	2644	2647	rBV	166244	221211	3.64%	0.377%
82	18.480	2647	2651	2657	rVB2	305375	482600	7.93%	0.822%
83	19.127	2755	2761	2769	rBV	4573813	6084176	100.00%	10.367%
84	19.456	2812	2817	2819	rBV2	1658603	2328107	38.26%	3.967%
85	19.486	2819	2822	2831	rVB	3557024	4640942	76.28%	7.908%
86	19.980	2903	2906	2910	rVB	495520	592587	9.74%	1.010%
87	20.080	2920	2923	2927	rVB	412484	497011	8.17%	0.847%
88	20.892	3058	3061	3064	rVB	269478	301755	4.96%	0.514%
89	20.927	3065	3067	3070	rVB	186889	185173	3.04%	0.316%
90	20.968	3071	3074	3079	rVB2	376785	515349	8.47%	0.878%
91	21.233	3114	3119	3124	rBV3	2037660	3722002	61.18%	6.342%
92	21.280	3124	3127	3136	rVB	1839858	2334662	38.37%	3.978%
93	21.397	3143	3147	3151	rBV	378671	515180	8.47%	0.878%
94	22.791	3378	3384	3389	rBV	1553930	3383550	55.61%	5.765%
95	23.262	3459	3464	3469	rBV	733445	1416734	23.29%	2.414%
96	23.315	3469	3473	3476	rVV	669459	1152301	18.94%	1.963%
97	23.356	3476	3480	3489	rVB	1220701	2252754	37.03%	3.839%
98	23.450	3492	3496	3501	rBV	482542	813475	13.37%	1.386%
99	25.674	3867	3874	3885	rVB	619384	1679119	27.60%	2.861%
100	26.356	3983	3990	4005	rVB2	410946	1258759	20.69%	2.145%

Sum of corrected areas: 58687655

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029434.D
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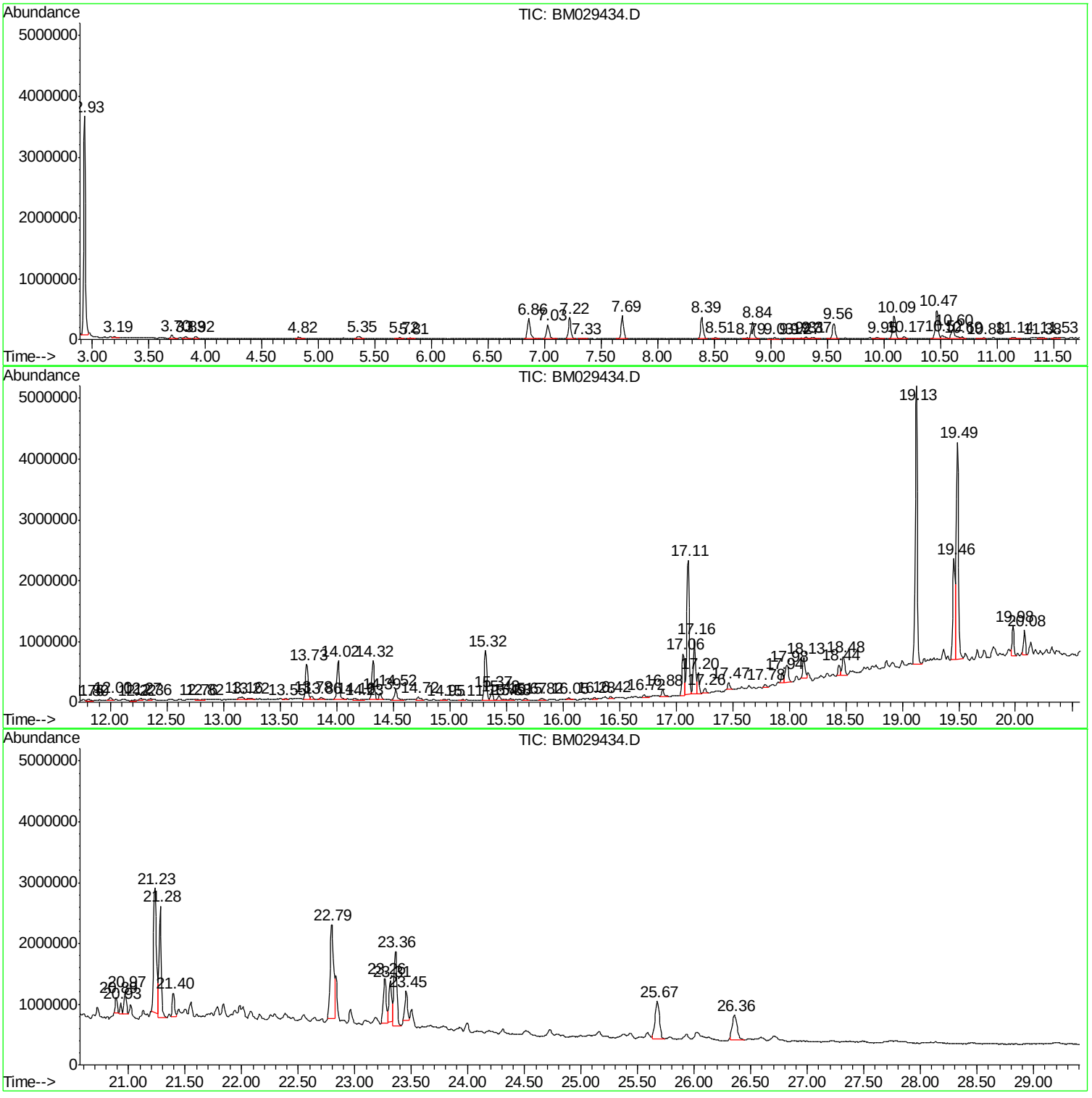
Operator : CG/JU
Sample : M1881-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029434.D
Acq On : 09 Apr 2021 16:47
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Quant Title : SVOA CALIBRATION

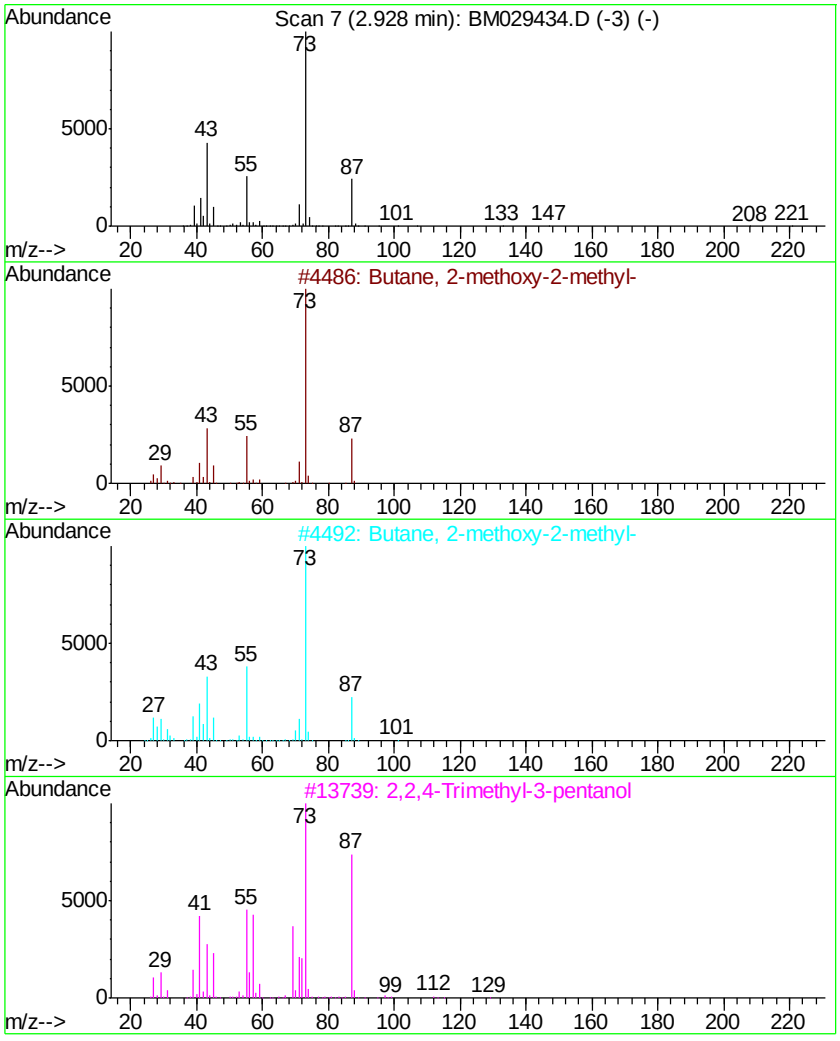
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

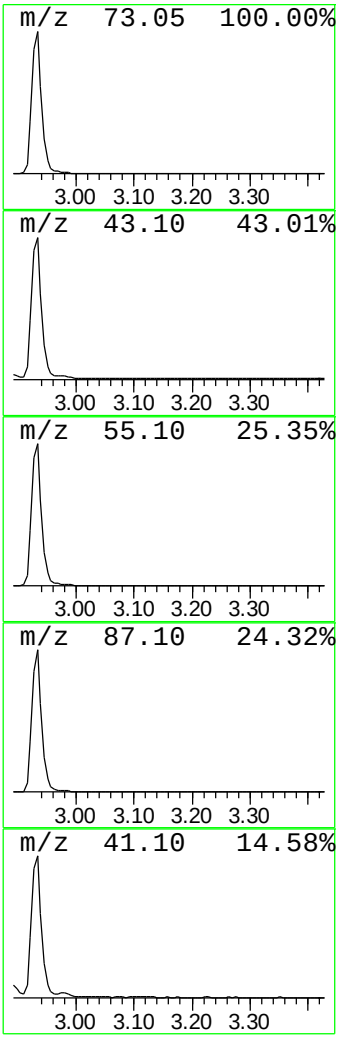
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	144.24 ng/ul	4202220	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029434.D
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Operator : CG/JU
Sample : M1881-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

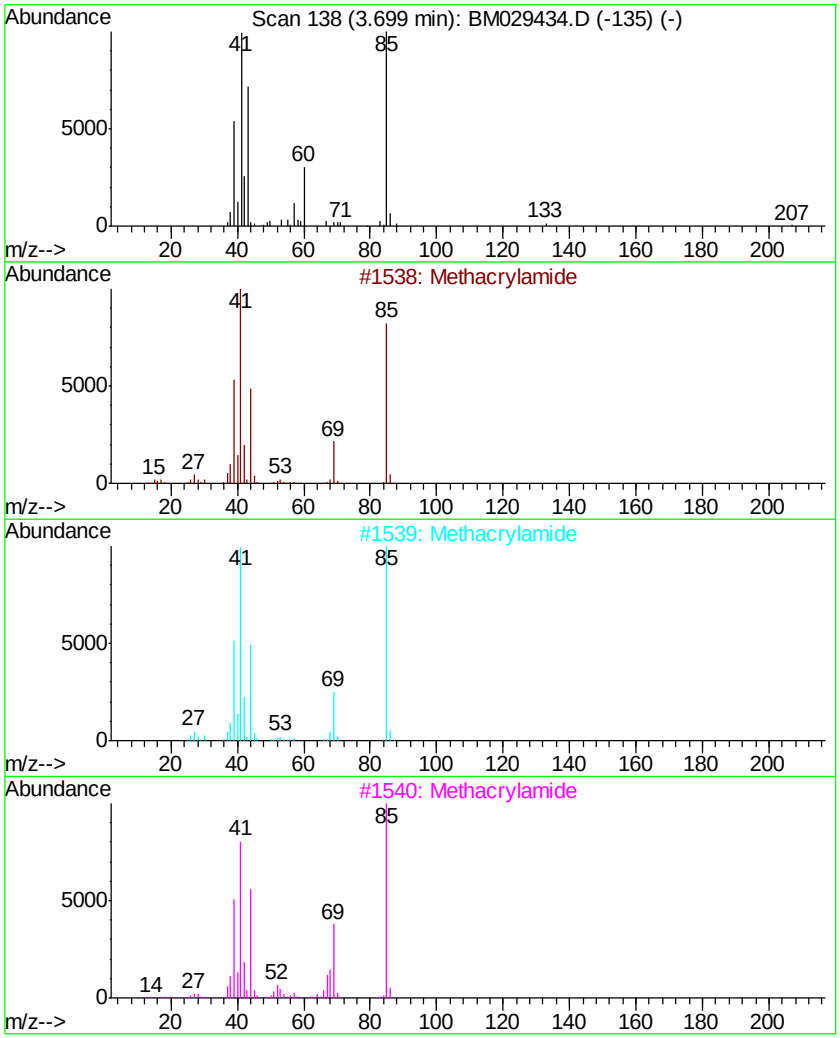
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

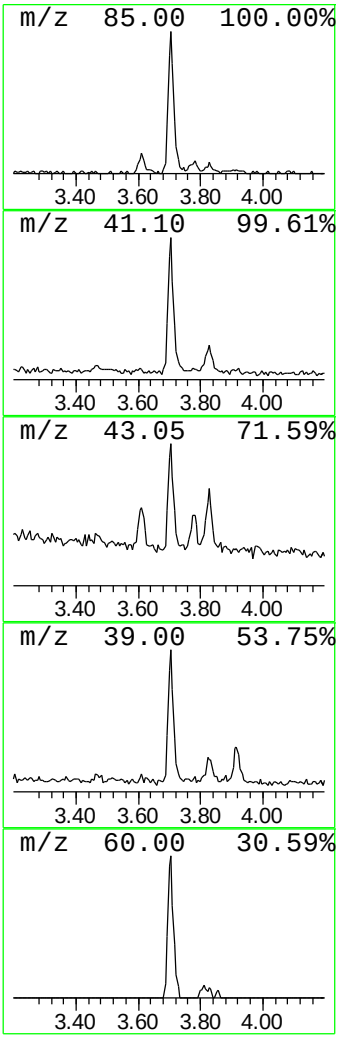
****

Peak Number 2 Methacrylamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	2.29 ng/ul	66639	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	Methacrylamide	85	C4H7NO	000079-39-0	45
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	42
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ESQH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

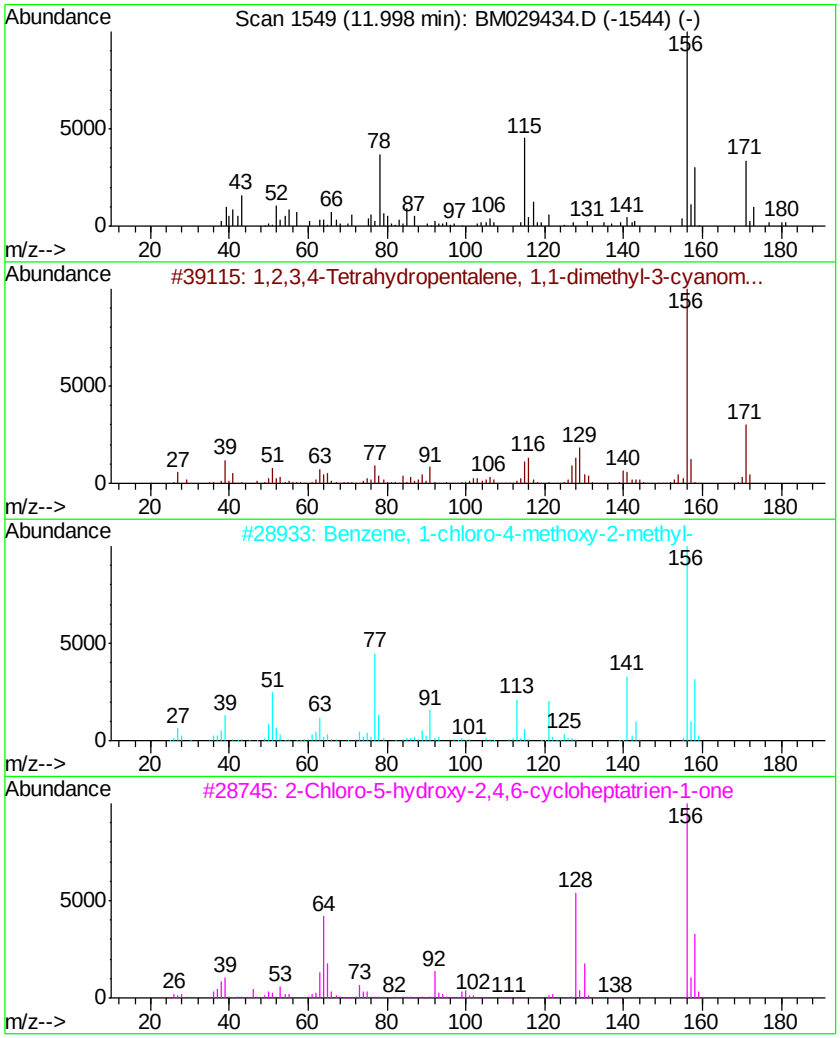
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

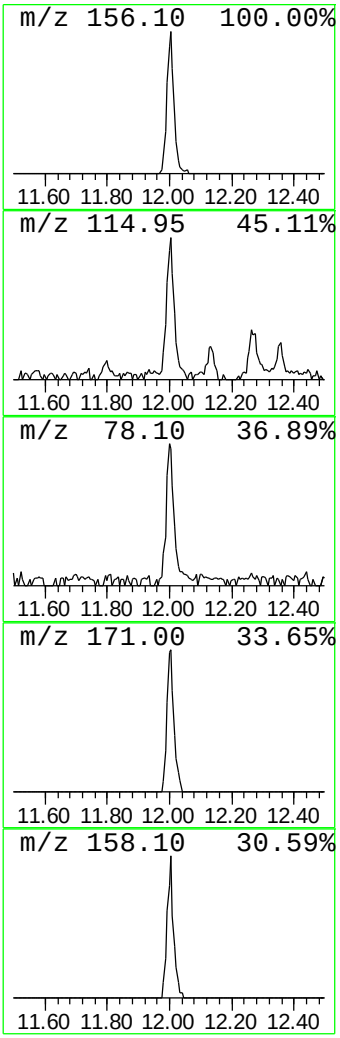
****

Peak Number 4 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.05 ng/ul	81576	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	46
2	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	43
3	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
4	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	37
5	6-Isopropylquinoline	171	C12H13N	000135-79-5	32





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ESQH0

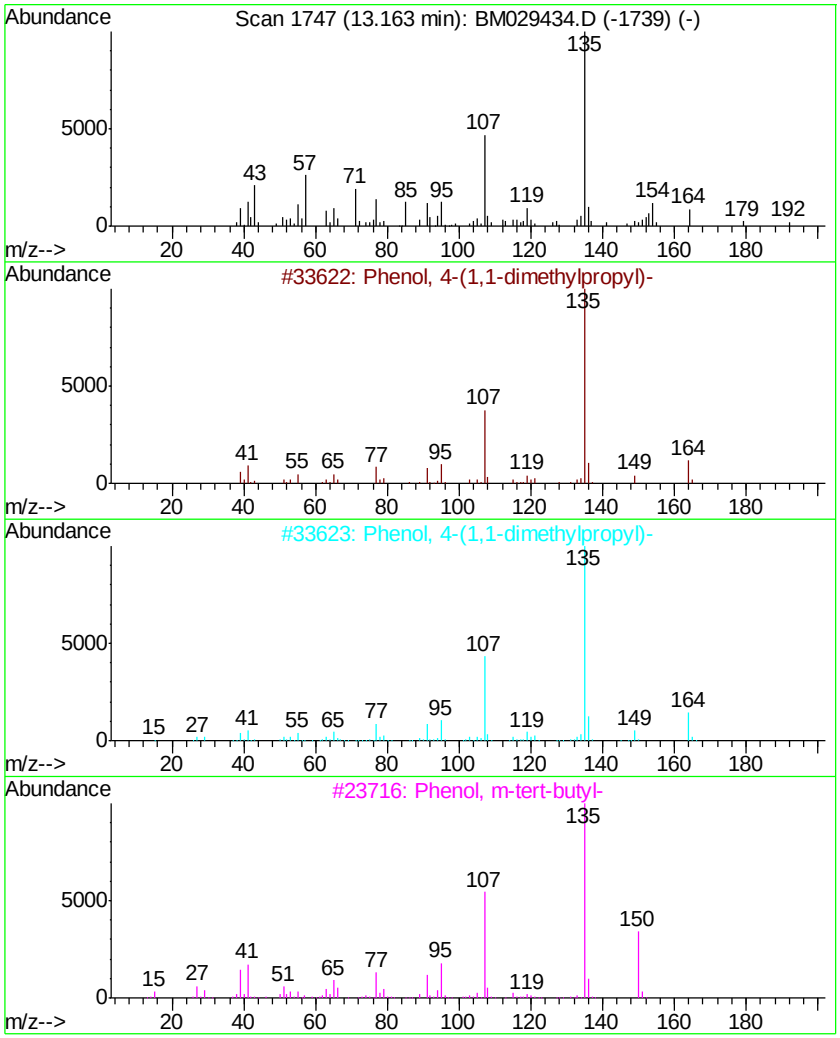
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

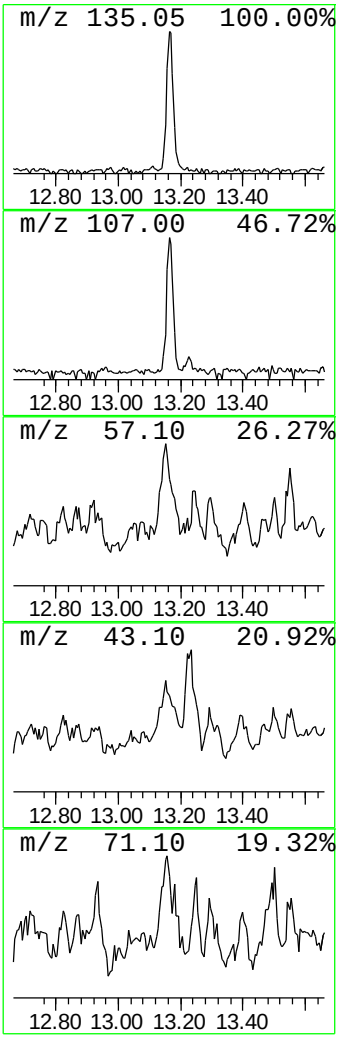
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.54 ng/ul	116013	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	68
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	68
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	50





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

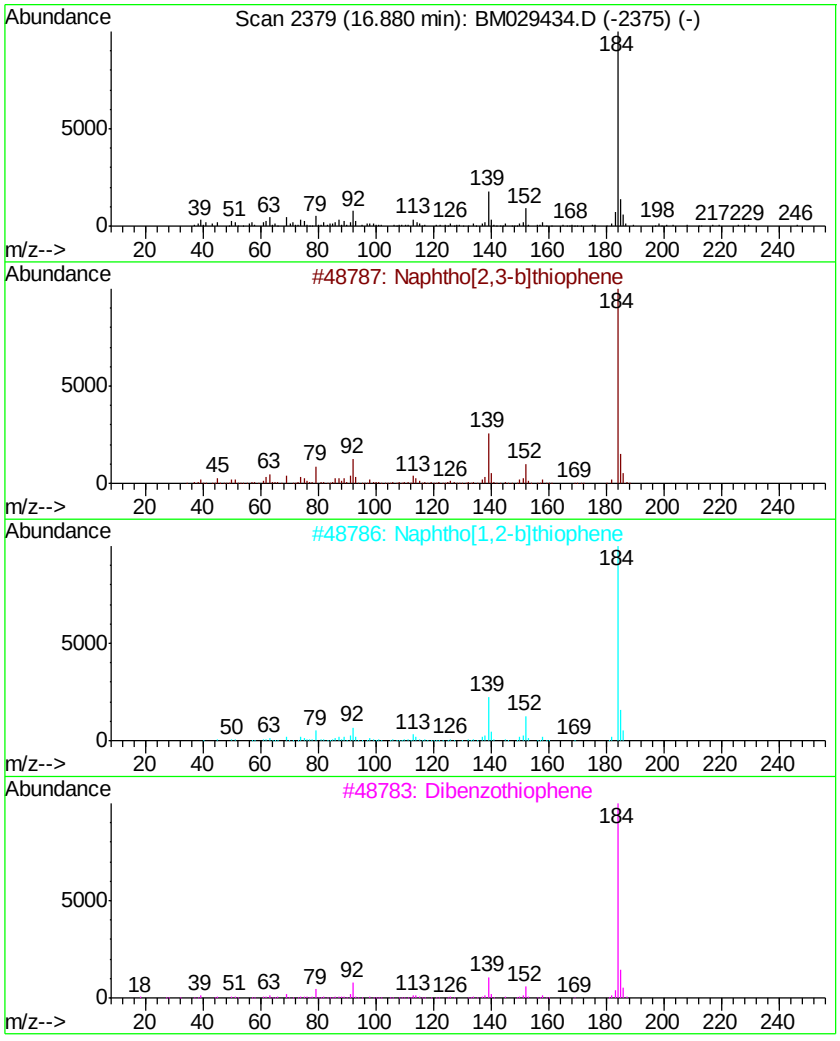
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

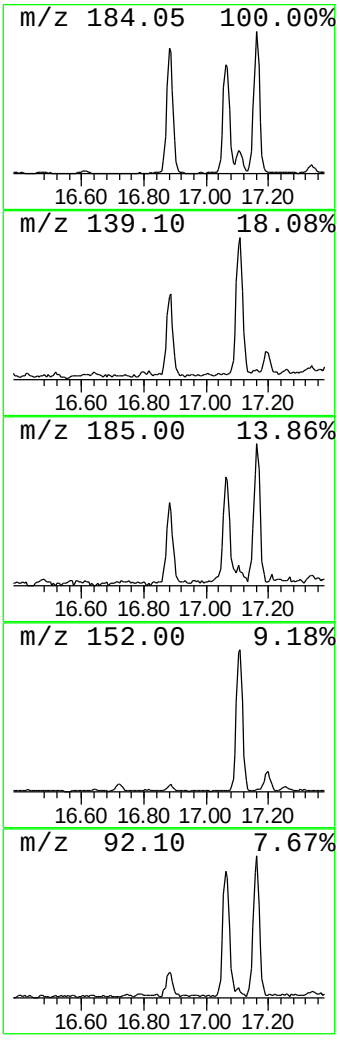
****

Peak Number 6 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.91 ng/ul	190252	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Operator : CG/JU
Sample : M1881-13
Misc :
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Instrument : BNA_M
ClientSampleId : ESQH0

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Quant Title : SVOA CALIBRATION

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

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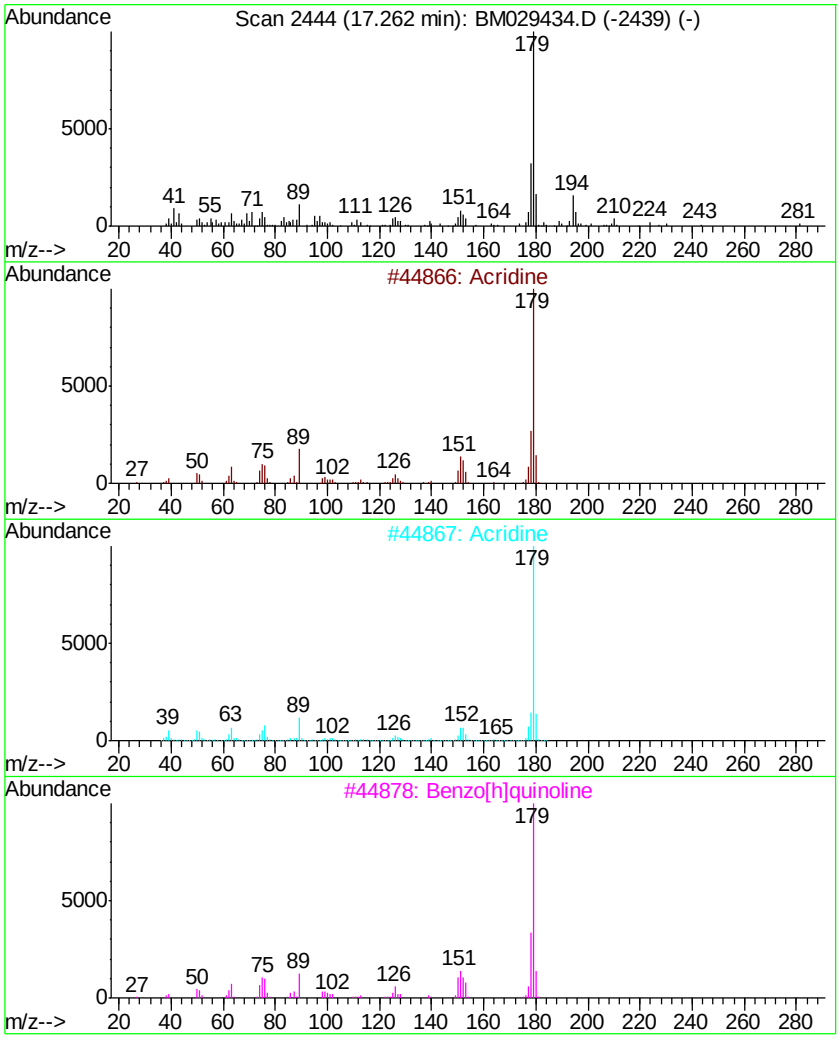
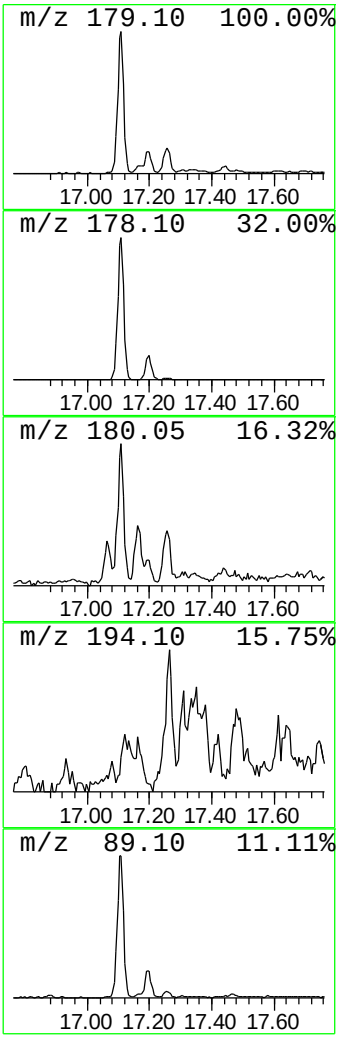
Peak Number 7 Acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	2.47 ng/ul	120078	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	95
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
5	Acridine	179	C13H9N	000260-94-6	93





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Quant Title : SVOA CALIBRATION

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

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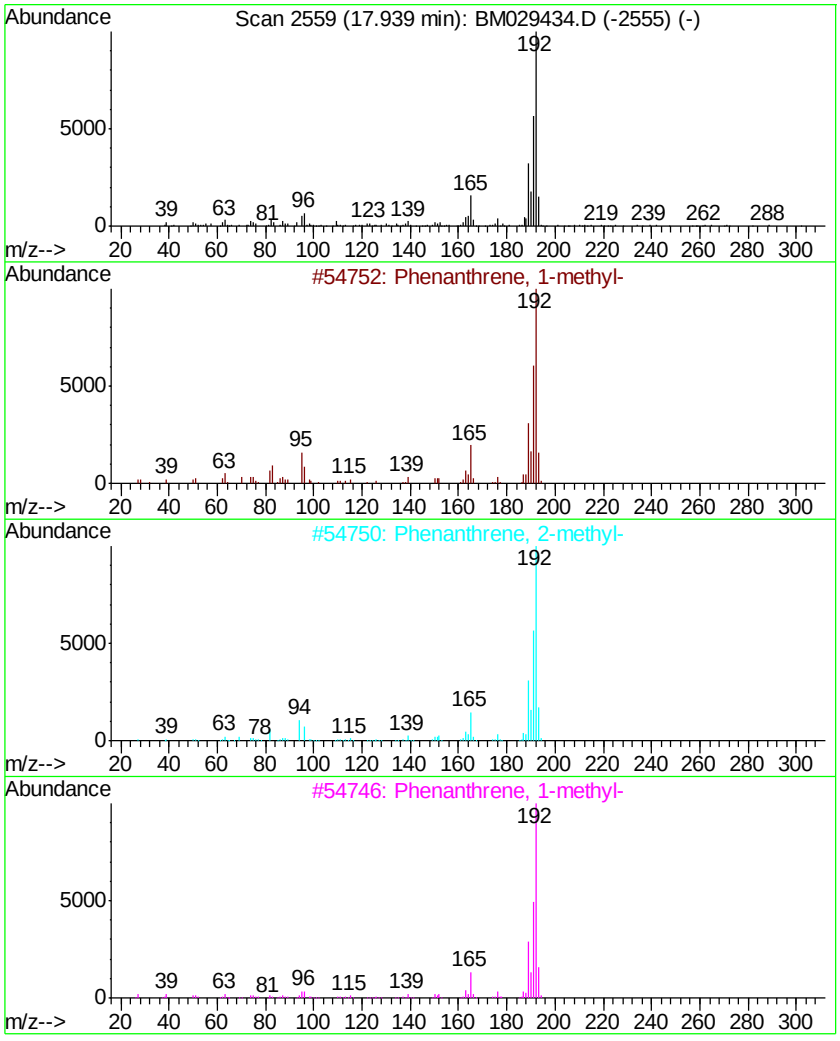
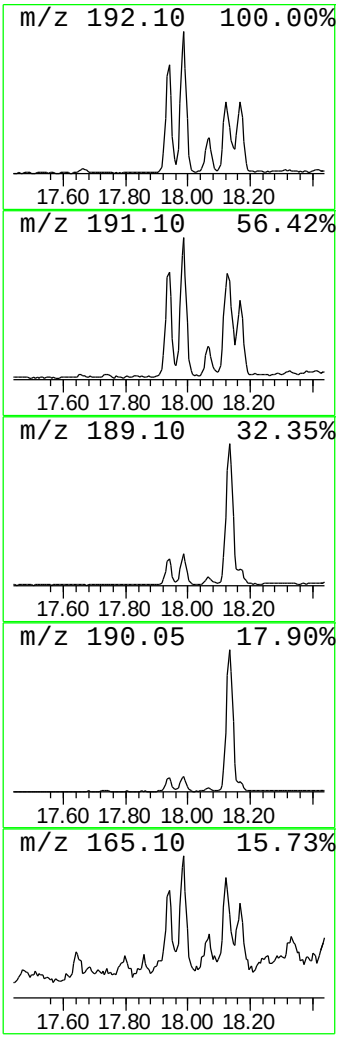
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.42 ng/ul	215297	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Quant Title : SVOA CALIBRATION

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

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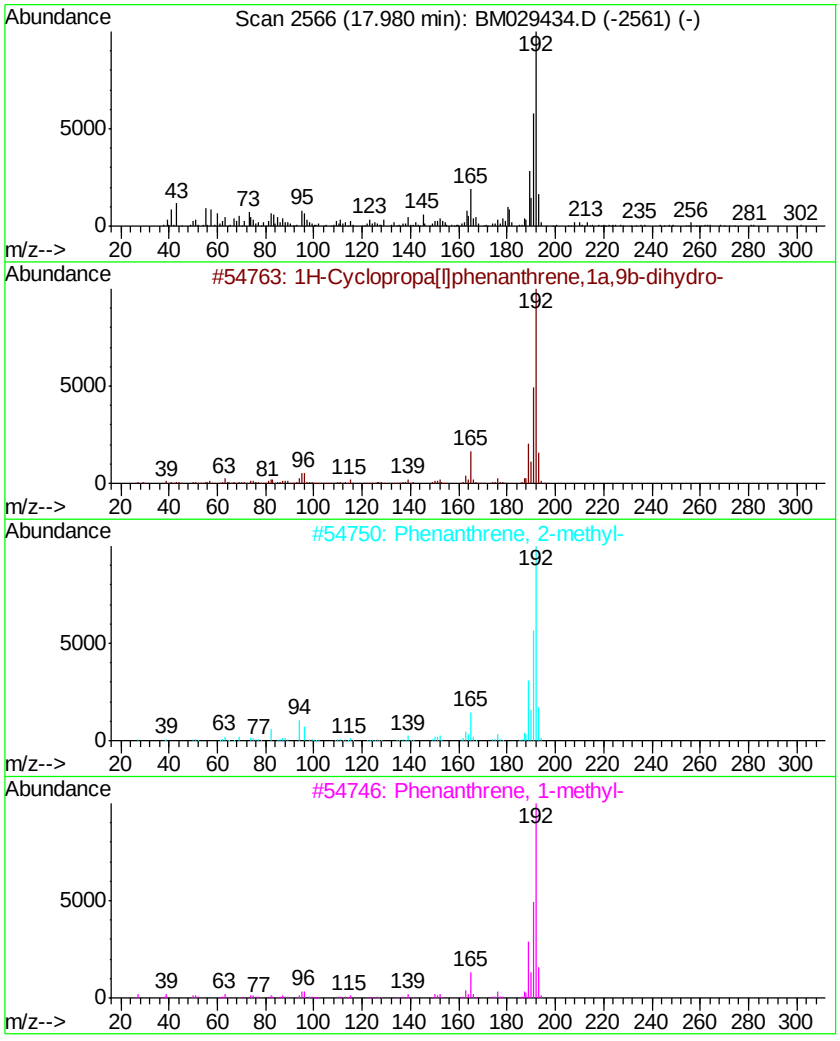
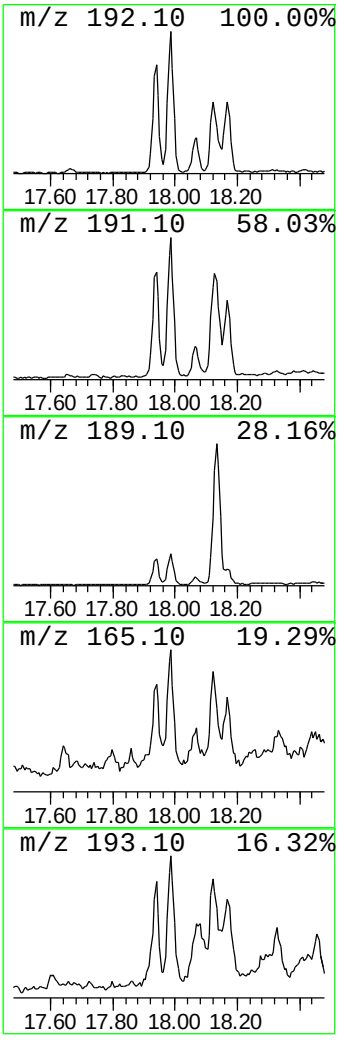
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	11.81 ng/ul	575208	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Quant Title : SVOA CALIBRATION

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

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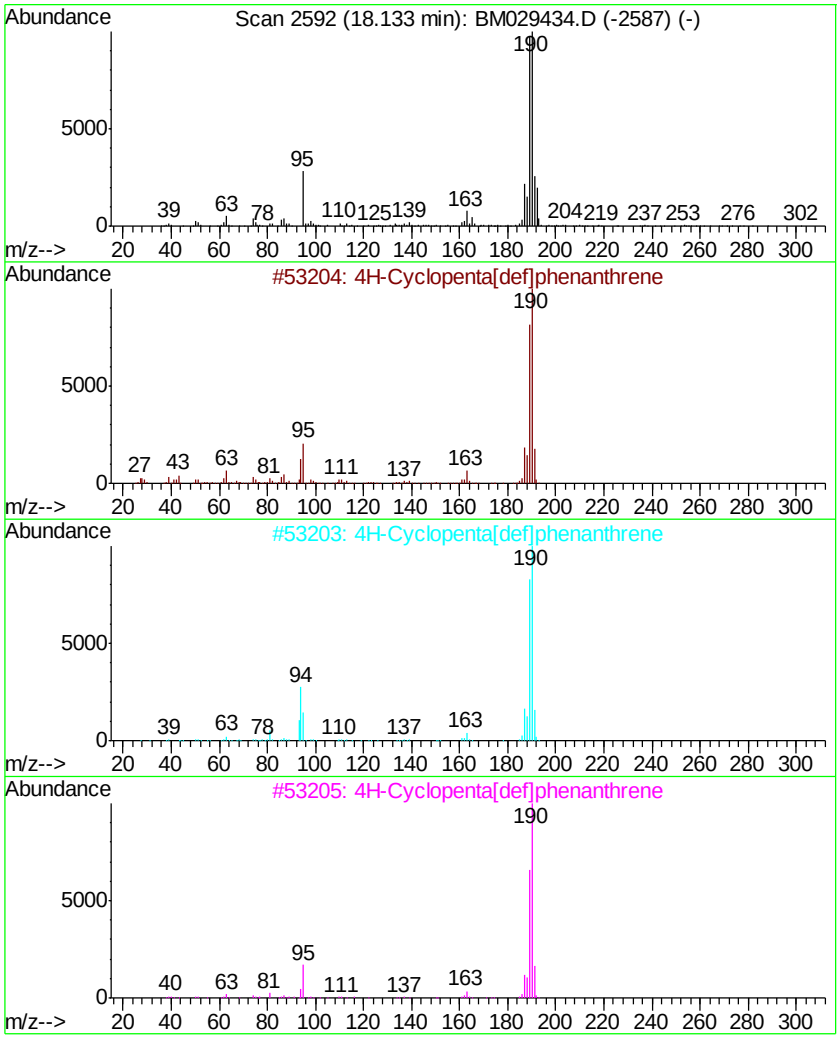
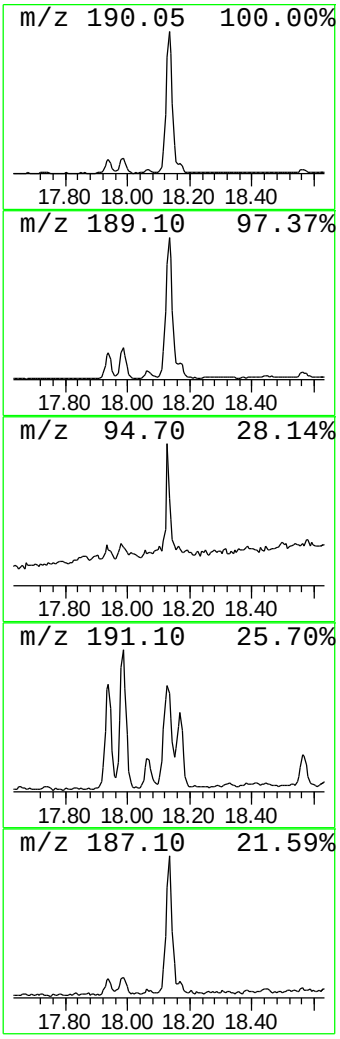
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	11.13 ng/ul	542111	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Quant Title : SVOA CALIBRATION

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

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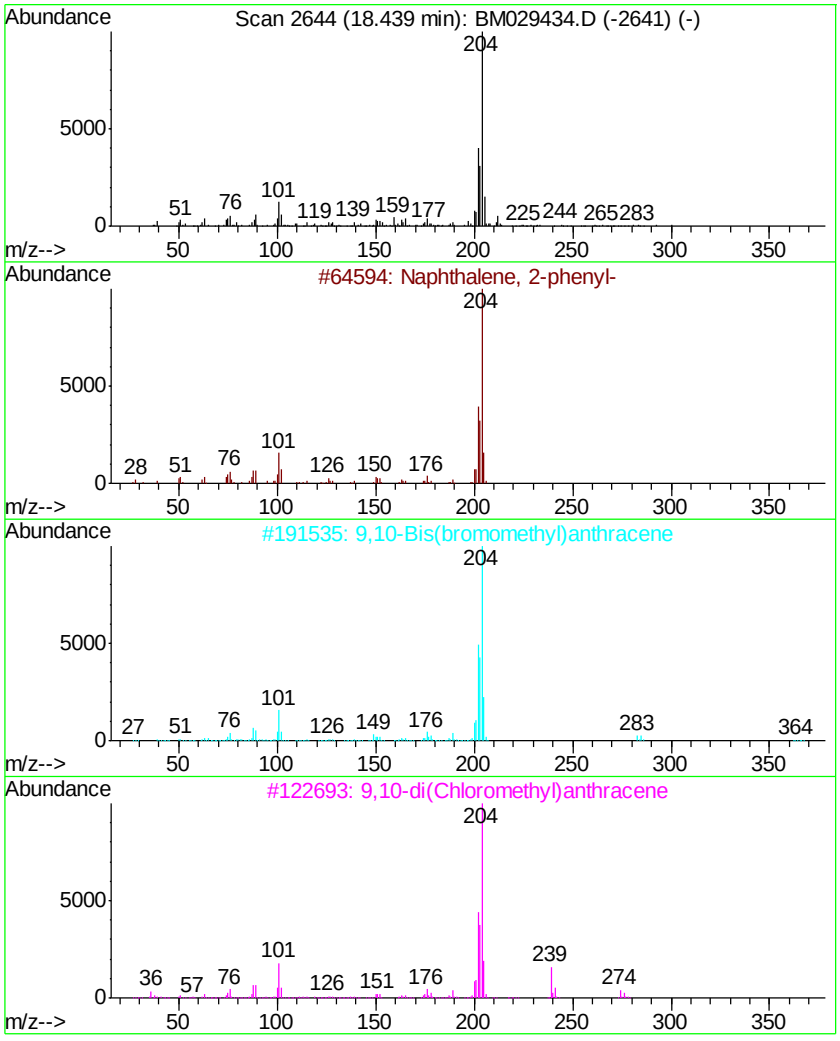
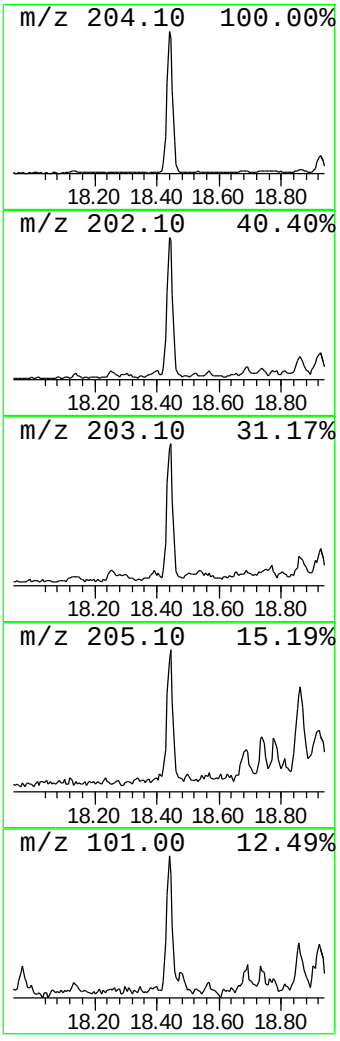
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.54 ng/ul	221211	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	90
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	90
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Quant Title : SVOA CALIBRATION

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

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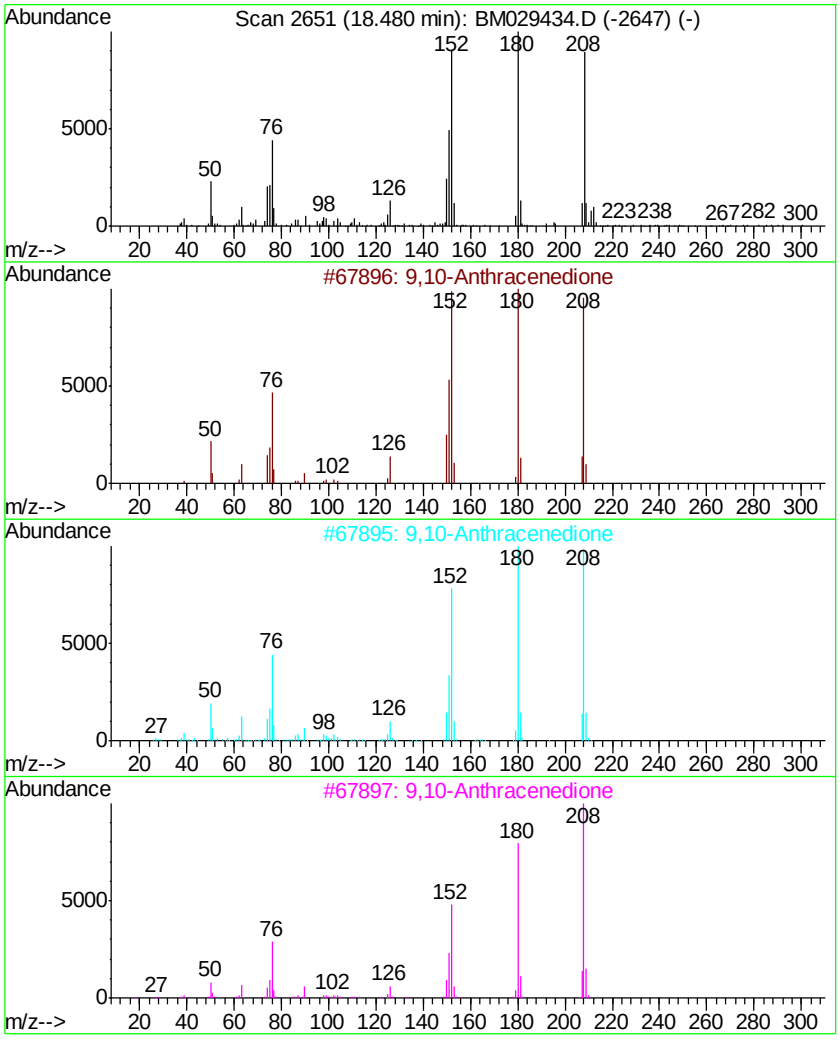
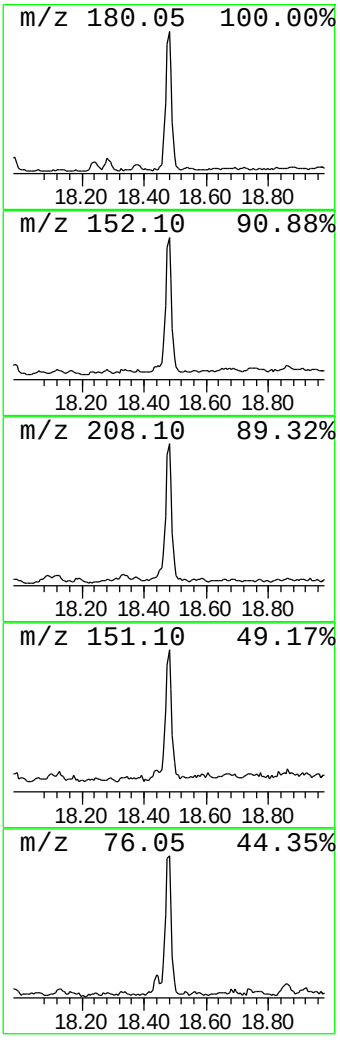
Peak Number 12 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	9.91 ng/ul	482600	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Quant Title : SVOA CALIBRATION

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

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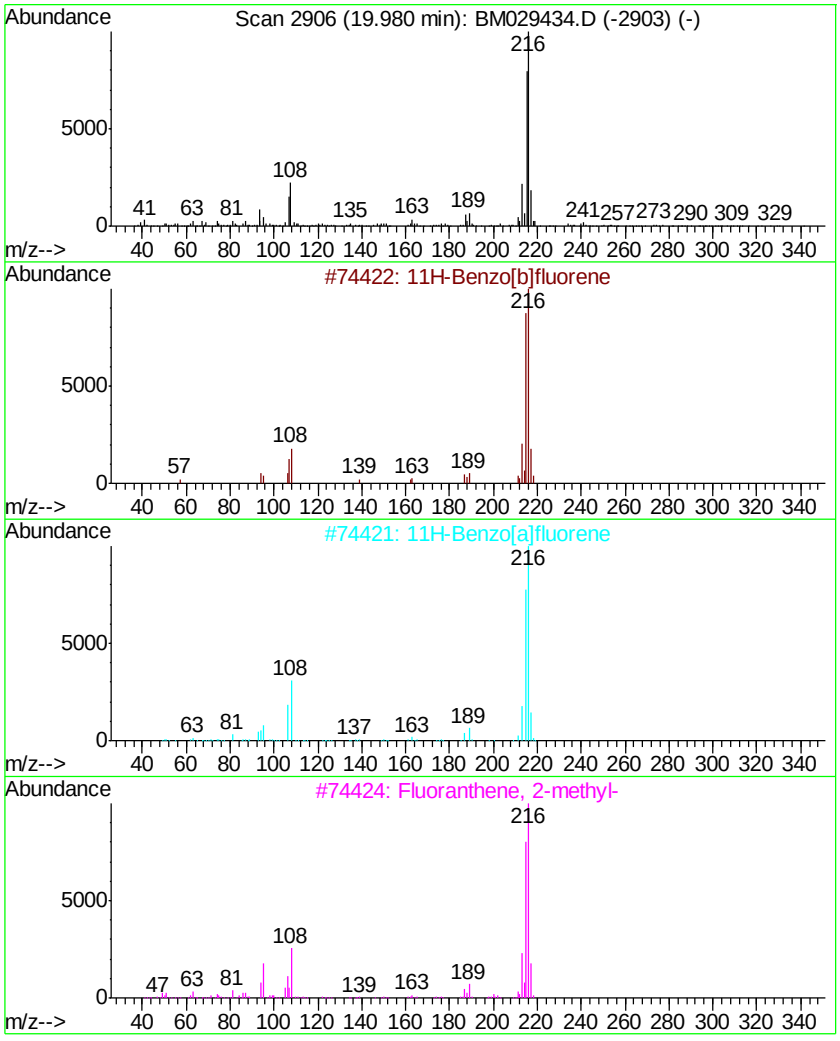
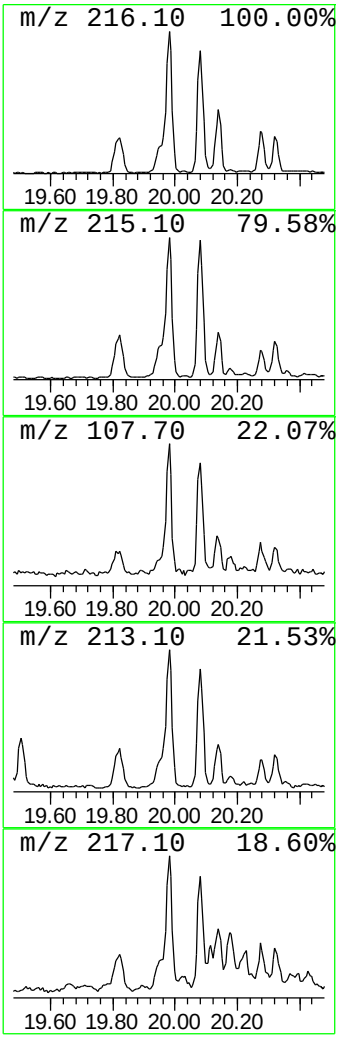
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	3.18 ng/ul	592587	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Quant Title : SVOA CALIBRATION

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

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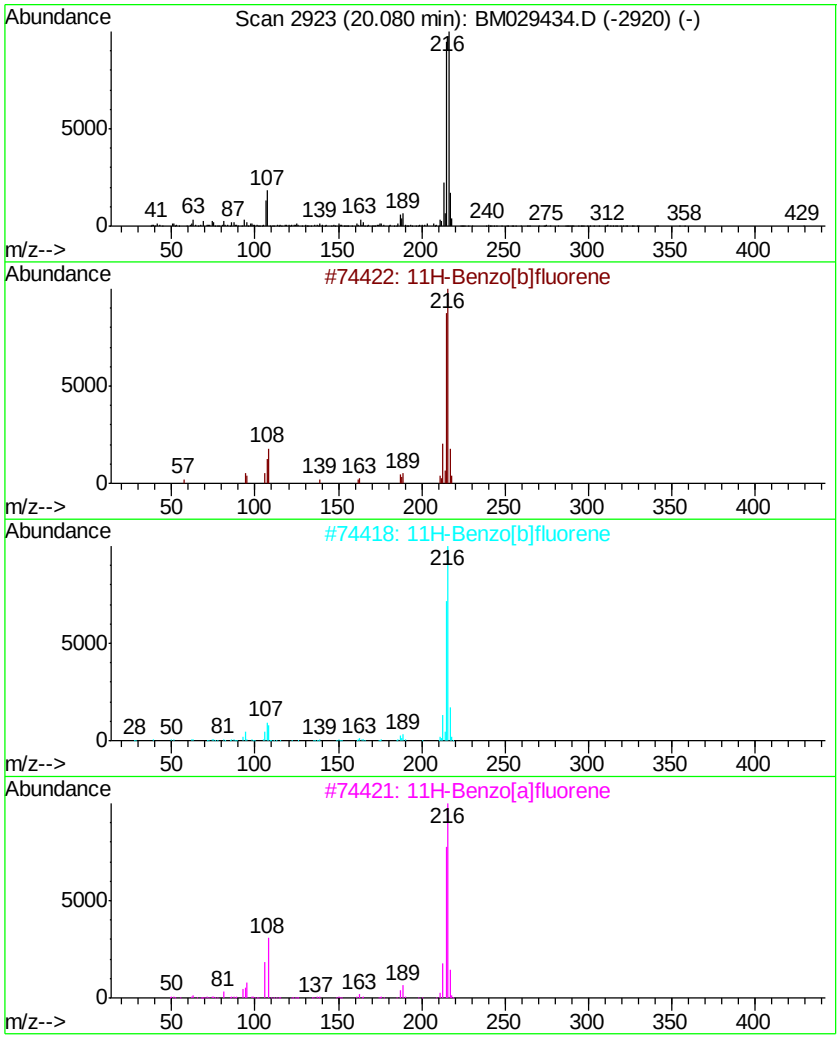
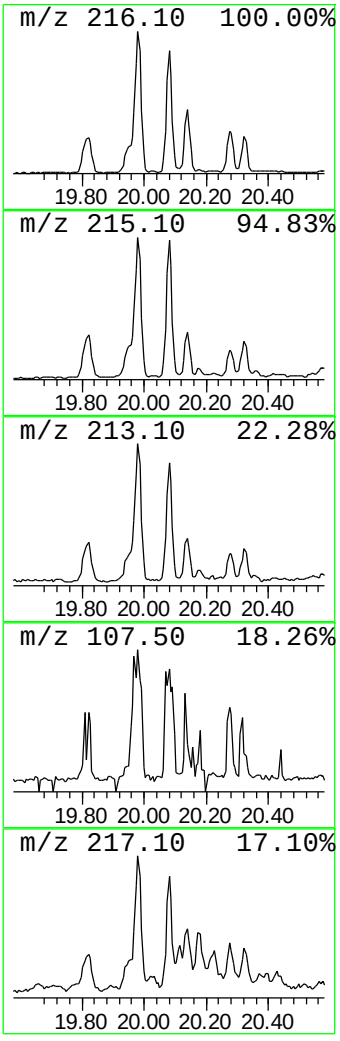
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.67 ng/ul	497011	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : SVOA CALIBRATION

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

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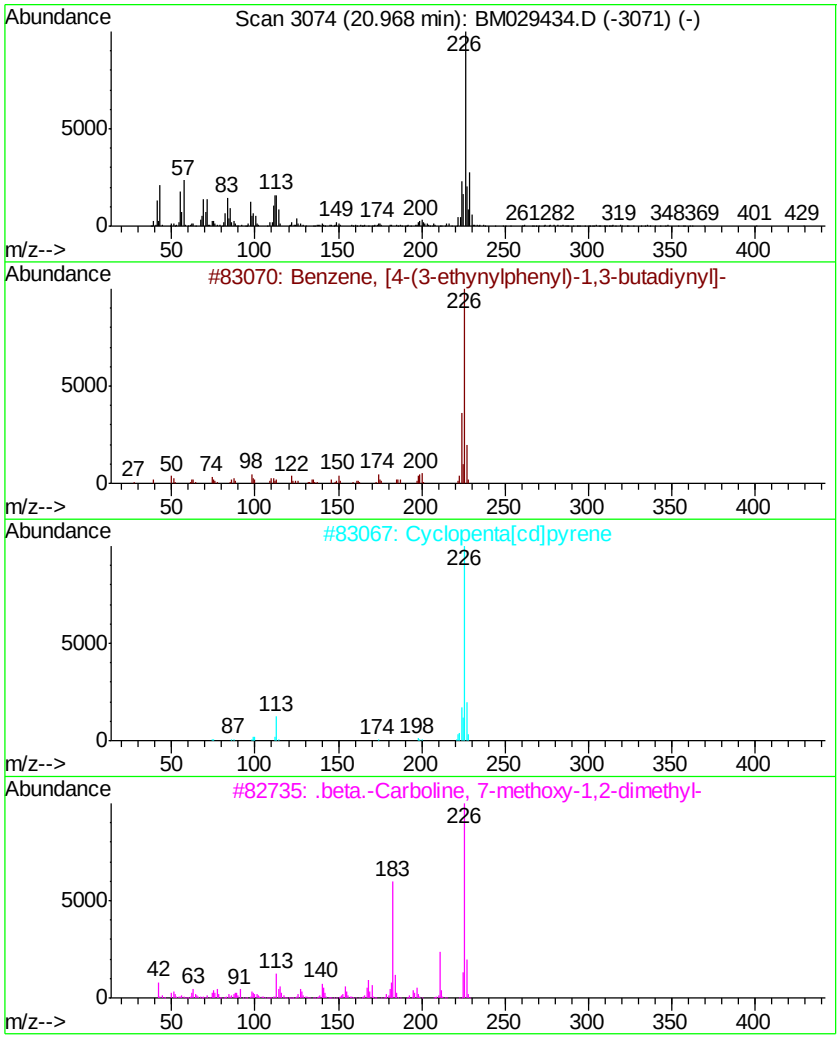
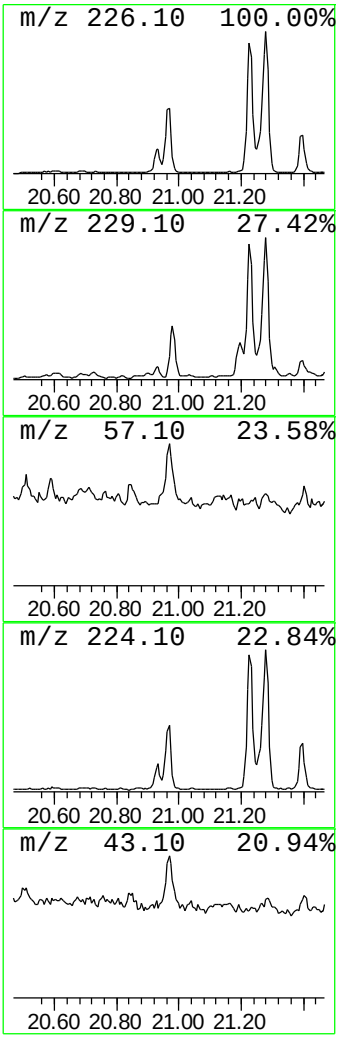
Peak Number 15 Benzene, [4-(3-ethynylpheny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.77 ng/ul	515349	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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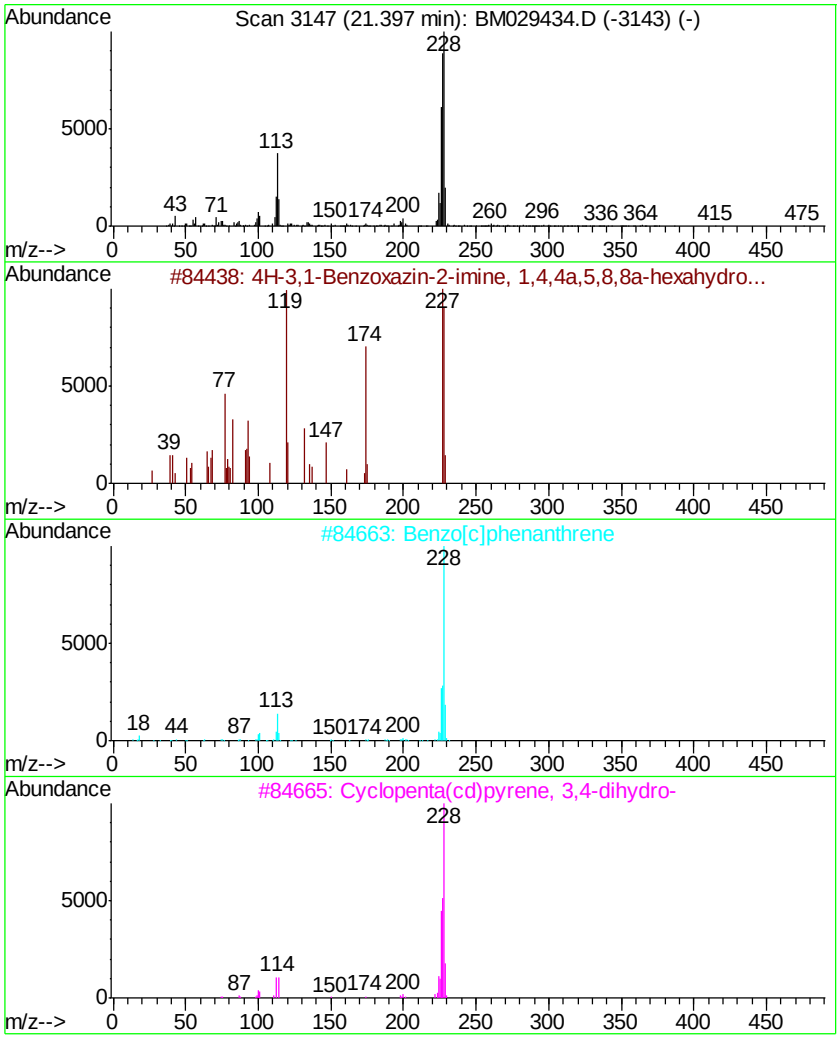
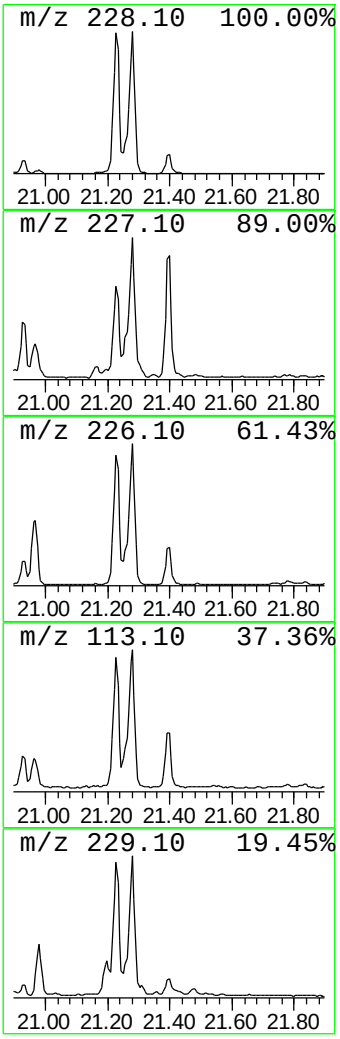
Peak Number 16 4H-3,1-Benzoxazin-2-imine, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.77 ng/ul	515180	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	53
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Triphenylene	228	C18H12	000217-59-4	50





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Quant Title : SVOA CALIBRATION

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

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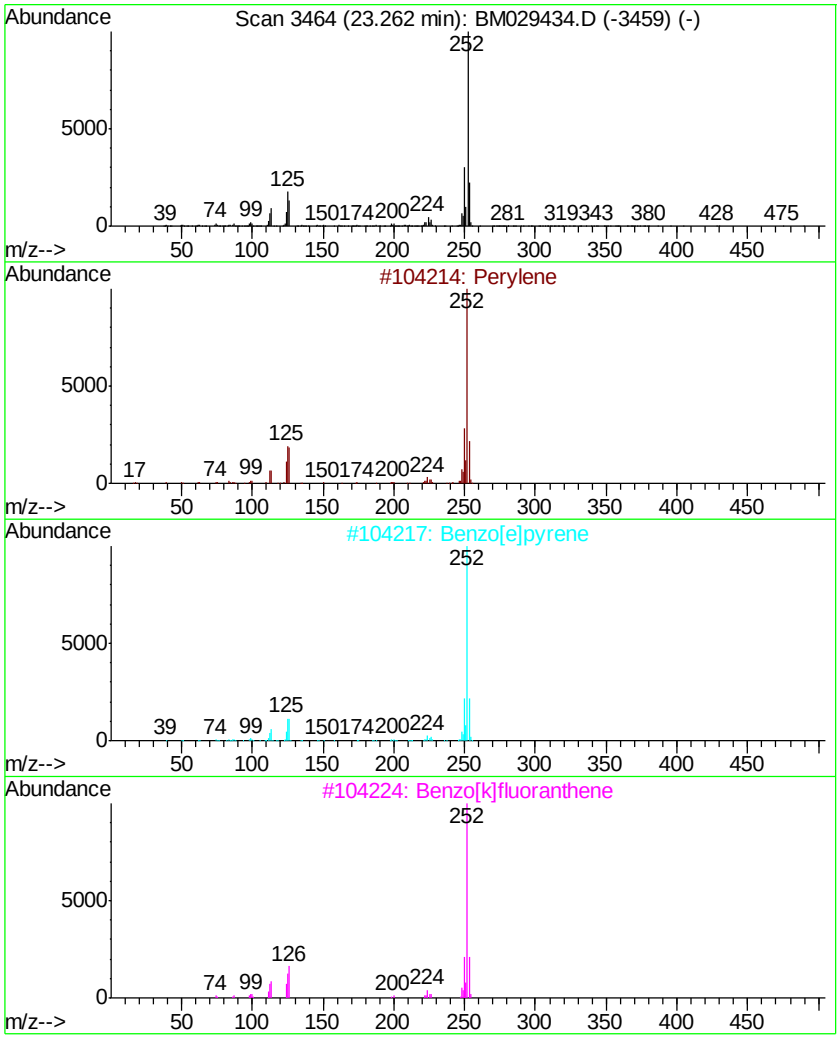
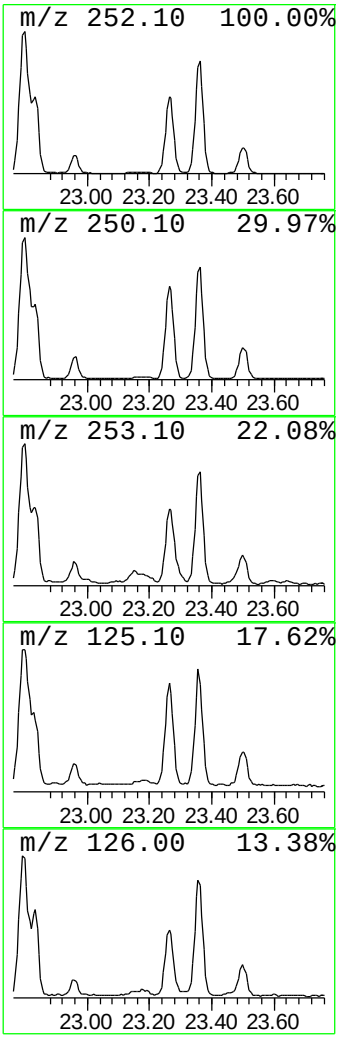
Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	34.83 ng/ul	1416730	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH0

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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
Butane, 2-methoxy...	2.93	144.2	ng/ul	4202220	1	7.69	582661	20.0
Methacrylamide	3.70	2.3	ng/ul	66639	1	7.69	582661	20.0
unknown-01	12.00	2.0	ng/ul	81576	2	10.47	796369	20.0
Phenol, 4-(1,1-di...	13.16	2.5	ng/ul	116013	3	14.32	914305	20.0
Naphtho[2,3-b]thi...	16.88	3.9	ng/ul	190252	4	17.06	974061	20.0
Acridine	17.26	2.5	ng/ul	120078	4	17.06	974061	20.0
Phenanthrene, 1-m...	17.94	4.4	ng/ul	215297	4	17.06	974061	20.0
1H-Cyclopropa[l]p...	17.98	11.8	ng/ul	575208	4	17.06	974061	20.0
4H-Cyclopenta[def...	18.13	11.1	ng/ul	542111	4	17.06	974061	20.0
Naphthalene, 2-ph...	18.44	4.5	ng/ul	221211	4	17.06	974061	20.0
9,10-Anthracenedione	18.48	9.9	ng/ul	482600	4	17.06	974061	20.0
11H-Benzo[a]fluorene	19.98	3.2	ng/ul	592587	5	21.24	3722000	20.0
Pyrene, 1-methyl-	20.08	2.7	ng/ul	497011	5	21.24	3722000	20.0
Benzene, [4-(3-et...	20.97	2.8	ng/ul	515349	5	21.24	3722000	20.0
4H-3,1-Benzoxazin...	21.40	2.8	ng/ul	515180	5	21.24	3722000	20.0
Perylene	23.26	34.8	ng/ul	1416730	6	23.46	813475	20.0