LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

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-BM031420MA.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	2.975	11	15	33	rVB	2271575	2726041	19.23%	1.807%
2	6.816	661	668	680	rBV	805670	1288521	9.09%	0.854%
3	6.981	690	696	707	rBV	636721	963117	6.79%	0.638%
4	7.175	720	729	739	rBV	841017	1309865	9.24%	0.868%
5	7.639	801	808	816	rBV	795345	1224656	8.64%	0.812%
6	8.339	920	927	936	rBV	1022298	1601493	11.30%	1.062%
7	8.780	995	1002	1012	rVB	767341	1241086	8.75%	0.823%
8	9.498	1117	1124	1132	rBV	626716	1024734	7.23%	0.679%
9	10.027	1203	1214	1224	rVB	1055570	1744437	12.31%	1.156%
10	10.404	1271	1278	1284	rBV	1145994	1865155	13.16%	1.236%
11	10.539	1293	1301	1314	rBV	829701	1439380	10.15%	0.954%
12	11.927	1530	1537	1544	rVV4	30933	87244	0.62%	0.058%
13	13.686	1830	1836	1840	rVV	1751496	2445854	17.25%	1.621%
14	13.727	1840	1843	1852	rVV	422123	623297	4.40%	0.413%
15	13.957	1875	1882	1886	rBV	2087467	3398229	23.97%	2.253%
16	14.268	1928	1935	1942	rBV2	1724875	2516870	17.75%	1.668%
17	14.468	1963	1969	1979	rBV	737764	1097132	7.74%	0.727%
18	14.692	2000	2007	2014	rVB6	39794	97807	0.69%	0.065%
19	15.145	2079	2084	2090	rVB2	68376	105453	0.74%	0.070%
20	15.268	2098	2105	2110	rVV	2629764	3745198	26.42%	2.482%
21	15.386	2120	2125	2132	rVV	594216	837415	5.91%	0.555%
22	15.515	2139	2147	2159	rVV5	51952	172281	1.22%	0.114%
23	15.992	2223	2228	2235	rVV6	49188	116180	0.82%	0.077%
24	16.598	2327	2331	2335	rVB2	57040	79761	0.56%	0.053%
25	16.668	2340	2343	2352	rVB5	36628	81749	0.58%	0.054%
26	17.015	2396	2402	2406	rBV	2046882	2914166	20.56%	1.932%
27	17.056	2406	2409	2413	rVV	742491	962137	6.79%	0.638%
28	17.109	2413	2418	2422	rVV2	2753942	3886768	27.42%	2.576%
29	17.145	2422	2424	2429	rVB	383666	444049	3.13%	0.294%
30	17.209	2429	2435	2440	rBV4	77592	127847	0.90%	0.085%
31	17.415	2461	2470	2474	rBV	68744	136583	0.96%	0.091%
32	17.462	2474	2478	2482	rBV	38666	74830	0.53%	0.050%
33	17.539	2487	2491	2495	rVV2	89427	136148	0.96%	0.090%
34	17.592	2496	2500	2505	rVB3	75196	117182	0.83%	0.078%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

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-BM031420MA.M
Title : SVOA CALIBRATION

35	17.892	2545	2551	2554	rVV	256268	379538	2.68%	0.252%
36	17.933	2554	2558	2567	rVV	813955	1201552	8.48%	0.796%
37	18.015	2567	2572	2577	rVV	192660	346244	2.44%	0.230%
38	18.080	2577	2583	2587	rVV2	422401	797479	5.63%	0.529%
39	18.121	2587	2590	2596	rVB	213084	286758	2.02%	0.190%
40	18.292	2615	2619	2623	rVB6	95630	132471	0.93%	0.088%
41	18.392	2633	2636	2639	rVV	219646	265626	1.87%	0.176%
42	18.427	2639	2642	2650	rVB4	160267	270150	1.91%	0.179%
43	18.645	2676	2679	2682	rVB	65234	79631	0.56%	0.053%
44	18.697	2684	2688	2691	rVV	127986	167740	1.18%	0.111%
45	18.733	2691	2694	2698	rVB	108720	126156	0.89%	0.084%
46	18.815	2703	2708	2713	rVV2	345318	556519	3.93%	0.369%
47	18.874	2713	2718	2721	rVV3	205074	355537	2.51%	0.236%
48	18.909	2721	2724	2728	rVV	138690	258274	1.82%	0.171%
49	18.950	2728	2731	2739	rVB5	280454	486542	3.43%	0.323%
50	19.074	2747	2752	2757	rVB	4204068	5566239	39.27%	3.690%
51	19.180	2767	2770	2773	rBV5	66271	94901	0.67%	0.063%
52	19.227	2773	2778	2783	rVB	881914	1202485	8.48%	0.797%
53	19.344	2795	2798	2802	rVB	191879	239218	1.69%	0.159%
54	19.409	2803	2809	2811	rBV	3780505	5357469	37.79%	3.551%
55	19.439	2811	2814	2822	rVB	4293830	5703503	40.23%	3.781%
56	19.515	2823	2827	2834	rVB2	208927	439359	3.10%	0.291%
57	19.621	2841	2845	2848	rBV	263233	323989	2.29%	0.215%
58	19.680	2851	2855	2860	rVB4	165738	264127	1.86%	0.175%
59	19.768	2864	2870	2876	rBV3	500397	1122923	7.92%	0.744%
60	19.856	2882	2885	2888	rBV5	83348	131528	0.93%	0.087%
61	19.903	2888	2893	2895	rVV3	470088	761110	5.37%	0.504%
62	19.939	2895	2899	2904	rVB	868812	1271460	8.97%	0.843%
63	19.991	2905	2908	2912	rBV4	105218	160652	1.13%	0.106%
64	20.039	2912	2916	2920	rVV	500390	596154	4.21%	0.395%
65	20.097	2920	2926	2930	rVV2	711681	1068781	7.54%	0.708%
66	20.192	2937	2942	2945	rBV3	144096	269254	1.90%	0.178%
67	20.233	2945	2949	2953	rVV	472469	580645	4.10%	0.385%
68	20.280	2953	2957	2962	rVV	391093	552280	3.90%	0.366%
69	20.491	2990	2993	2996	rBV3	193646	268698	1.90%	0.178%
70	20.686	3022	3026	3033	rVB	558703	895162	6.31%	0.593%
71	20.850	3048	3054	3057	rBV2	556967	966067	6.81%	0.640%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

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-BM031420MA.M
Title : SVOA CALIBRATION

72	20.891	3057	3061	3064	rVV	571333	726949	5.13%	0.482%
73	20.939	3064	3069	3073	rVV3	1101831	2059544	14.53%	1.365%
74	20.980	3073	3076	3084	rVB2	564353	879007	6.20%	0.583%
75	21.091	3092	3095	3103	rVB4	164861	246015	1.74%	0.163%
76	21.191	3107	3112	3118	rBV2	5148864	10147897	71.59%	6.726%
77	21.238	3118	3120	3128	rVB	3525222	4566677	32.21%	3.027%
78	21.327	3132	3135	3137	rBV2	171014	194960	1.38%	0.129%
79	21.356	3137	3140	3143	rBV3	352830	522937	3.69%	0.347%
80	21.509	3162	3166	3172	rVB2	410964	616831	4.35%	0.409%
81	21.697	3194	3198	3200	rBV	281591	399042	2.81%	0.265%
82	21.750	3200	3207	3211	rVV2	1052014	2045755	14.43%	1.356%
83	21.803	3212	3216	3222	rVB3	662933	1413161	9.97%	0.937%
84	21.897	3229	3232	3235	rVV	289526	332999	2.35%	0.221%
85	21.938	3236	3239	3242	rVV2	520953	725105	5.12%	0.481%
86	21.968	3242	3244	3250	rVB3	537320	681162	4.81%	0.452%
87	22.268	3291	3295	3301	rVB2	695562	1008385	7.11%	0.668%
88	22.391	3313	3316	3321	rVB	546146	692352	4.88%	0.459%
89	22.744	3369	3376	3392	rBV	4388756	14175823	100.00%	9.396%
90	22.903	3398	3403	3412	rVB	1045934	1695088	11.96%	1.124%
91	23.032	3421	3425	3429	rBV6	264494	552413	3.90%	0.366%
92	23.203	3448	3454	3458	rBV	2366759	4278382	30.18%	2.836%
93	23.250	3458	3462	3466	rVV	2345594	4328002	30.53%	2.869%
94	23.297	3466	3470	3477	rVB	4440915	7597663	53.60%	5.036%
95	23.385	3479	3485	3490	rVV	1756725	3419840	24.12%	2.267%
96	23.432	3490	3493	3502	rVB2	1083308	2063232	14.55%	1.368%
97	23.932	3575	3578	3585	rVB	580432	1022820	7.22%	0.678%
98	24.015	3588	3592	3600	rVB5	352381	793144	5.60%	0.526%
99	25.550	3845	3853	3862	rVB	2088296	5714887	40.31%	3.788%
100	26.215	3957	3966	3981	rVB	1296842	3785544	26.70%	2.509%

Sum of corrected areas: 150864502

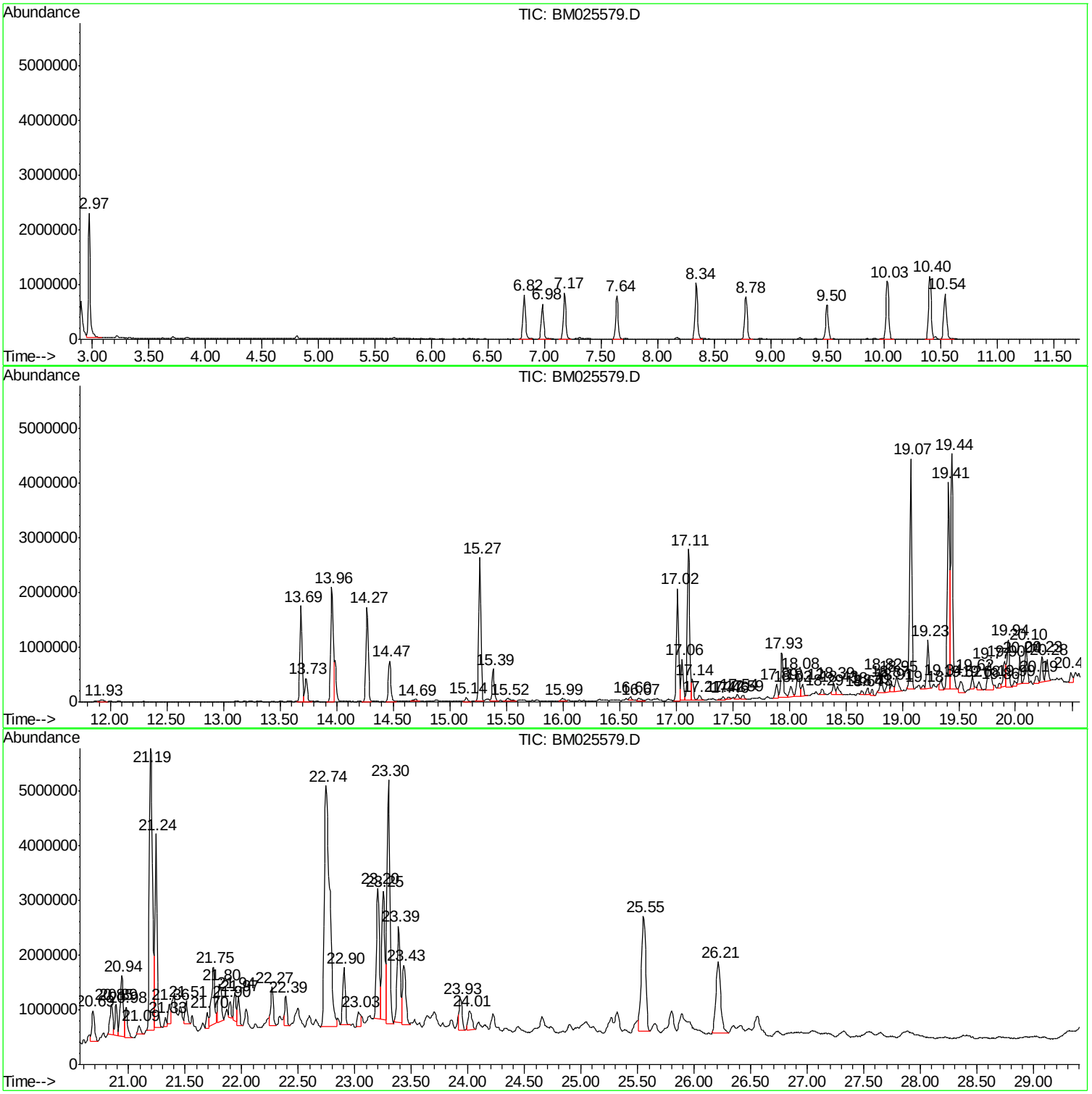
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

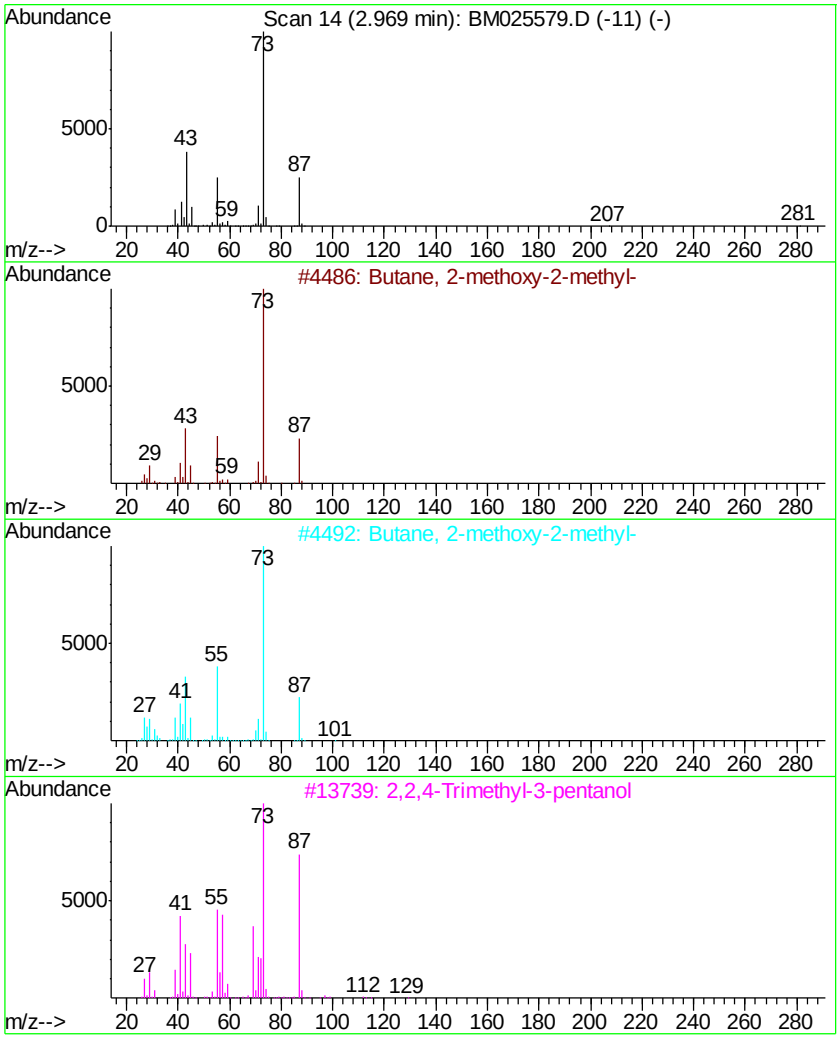
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

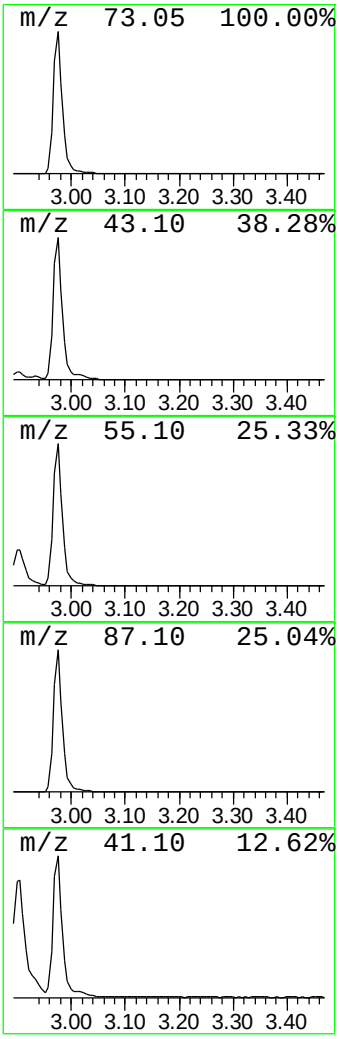
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	44.52 ng/ul	2726040	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

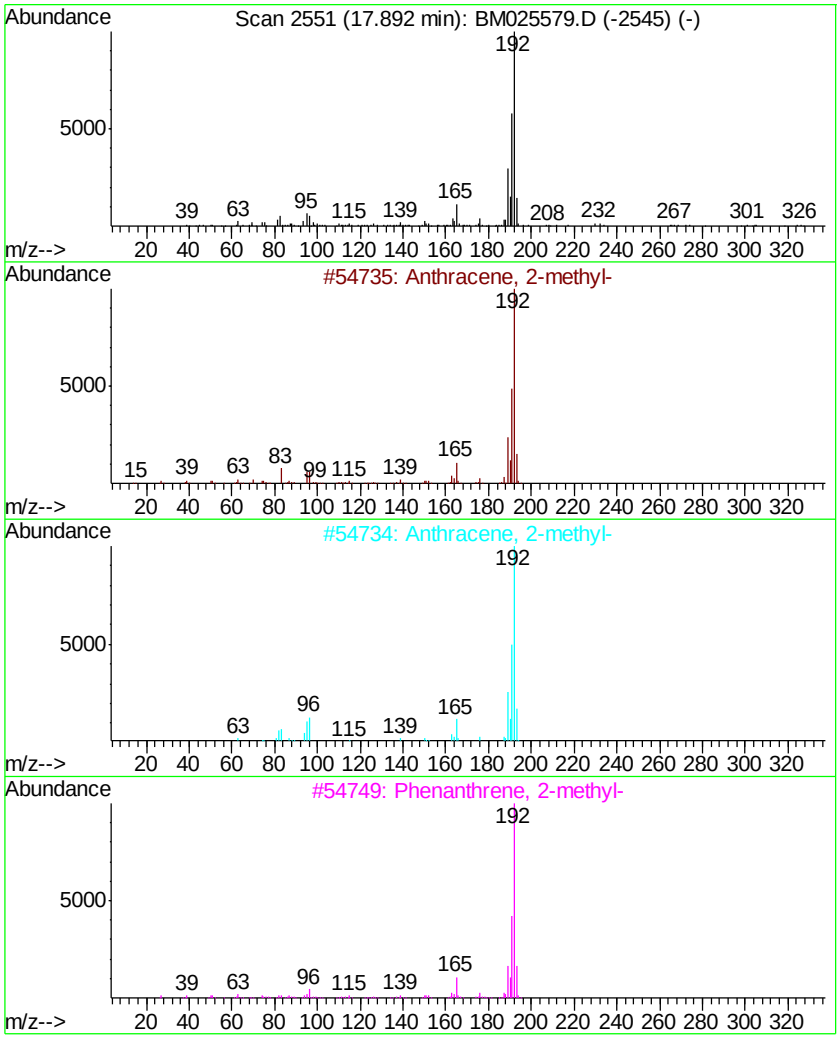
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

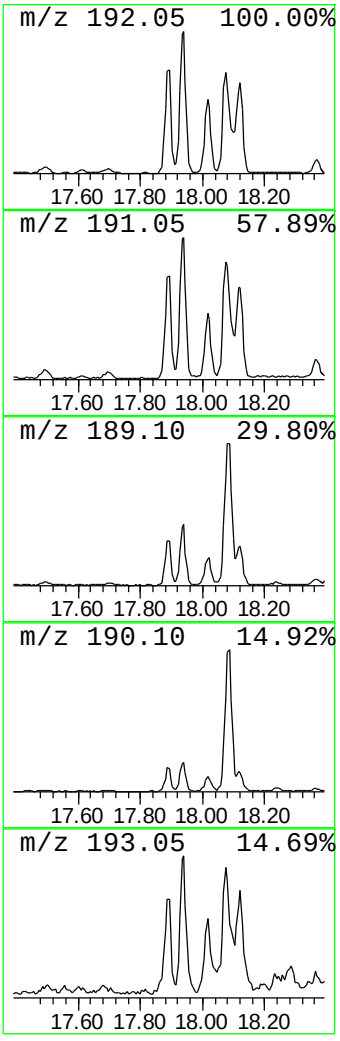
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.60 ng/ul	379538	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

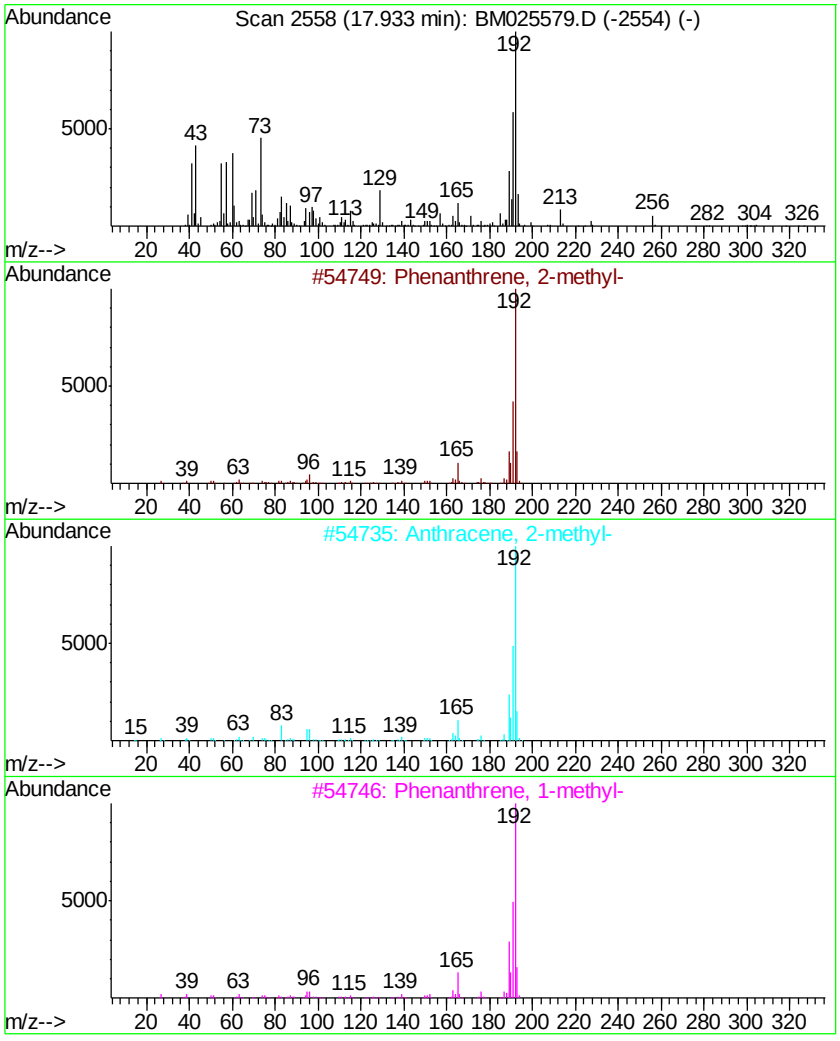
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

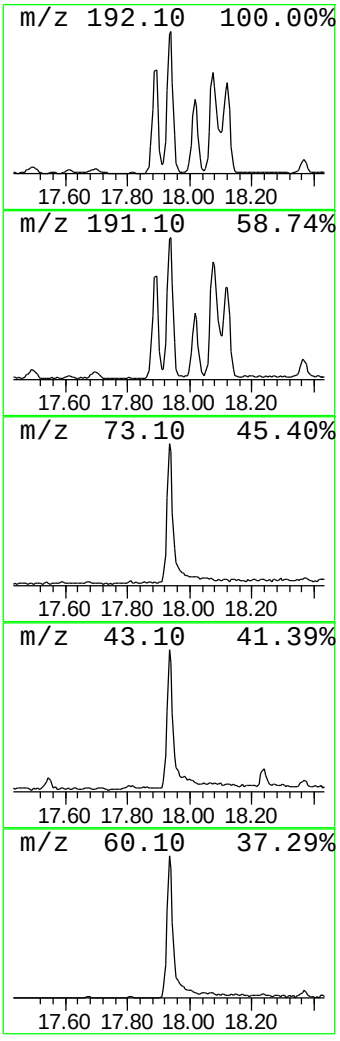
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	8.25 ng/ul	1201550	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

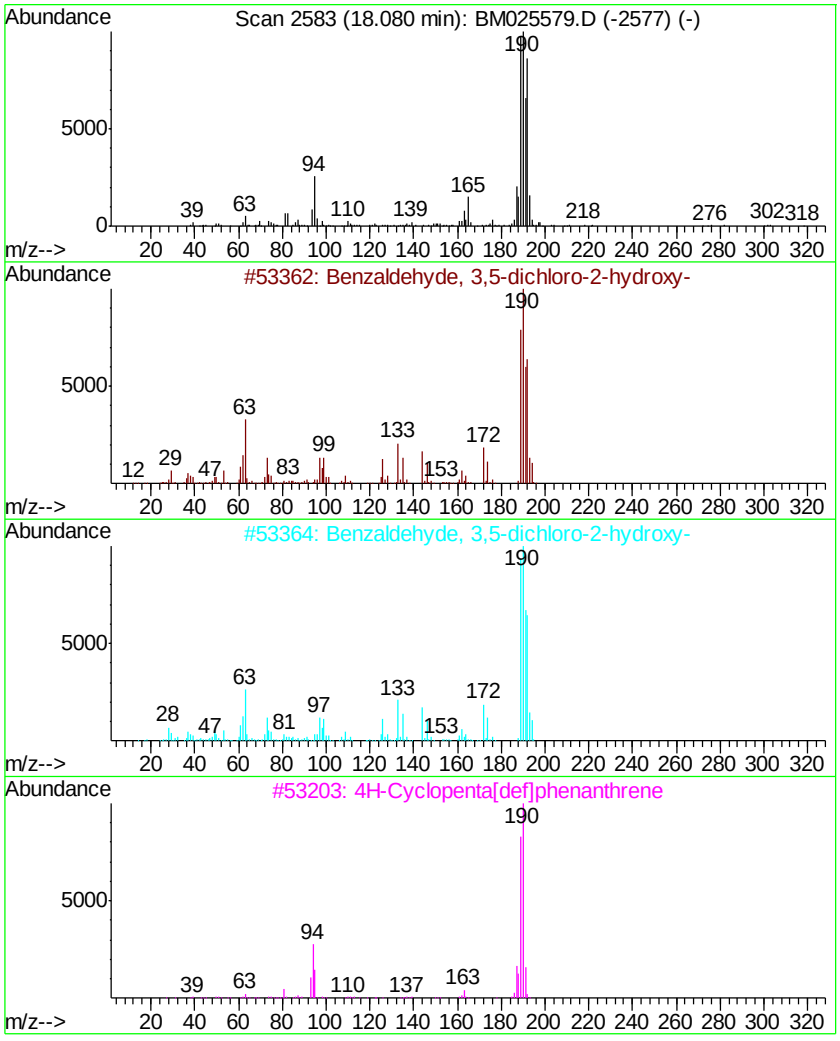
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

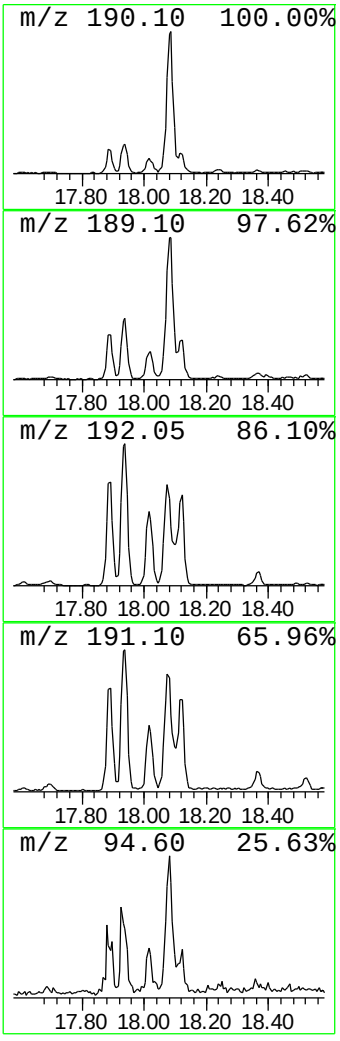
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.47 ng/ul	797479	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

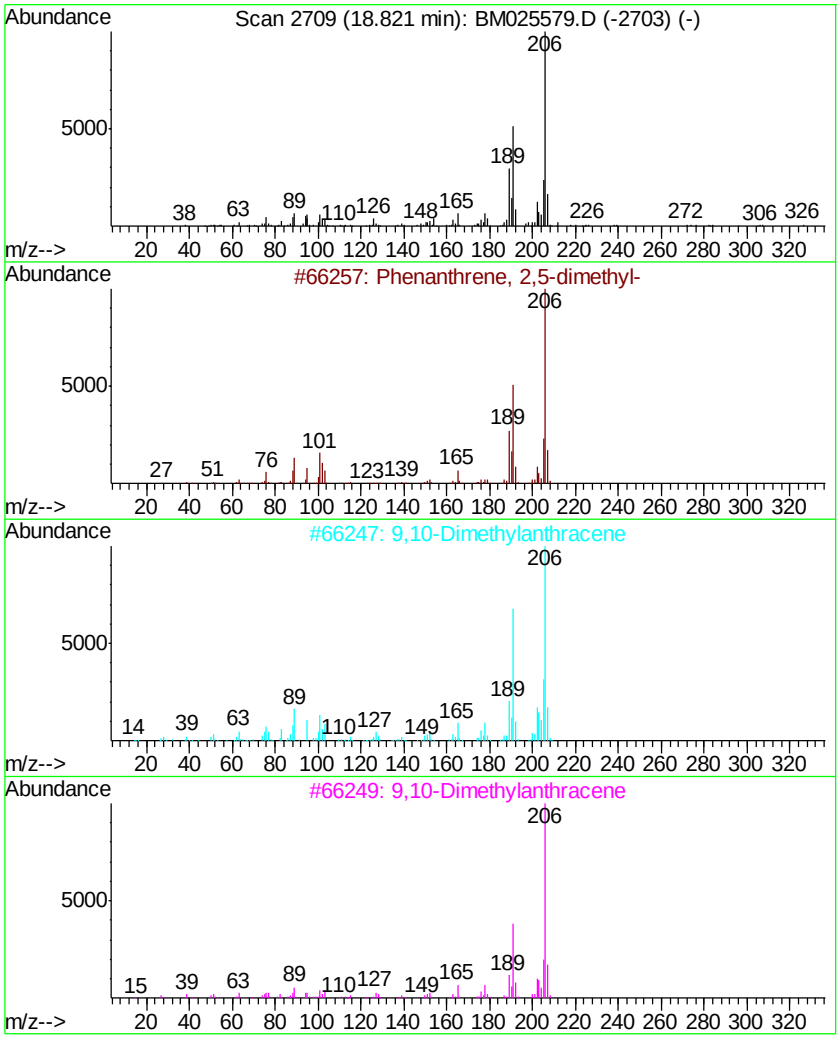
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

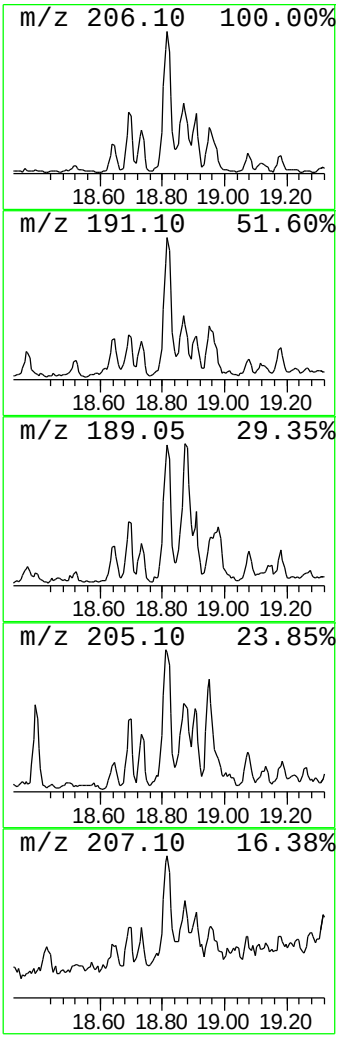
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.82 ng/ul	556519	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
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Instrument : BNA_M
ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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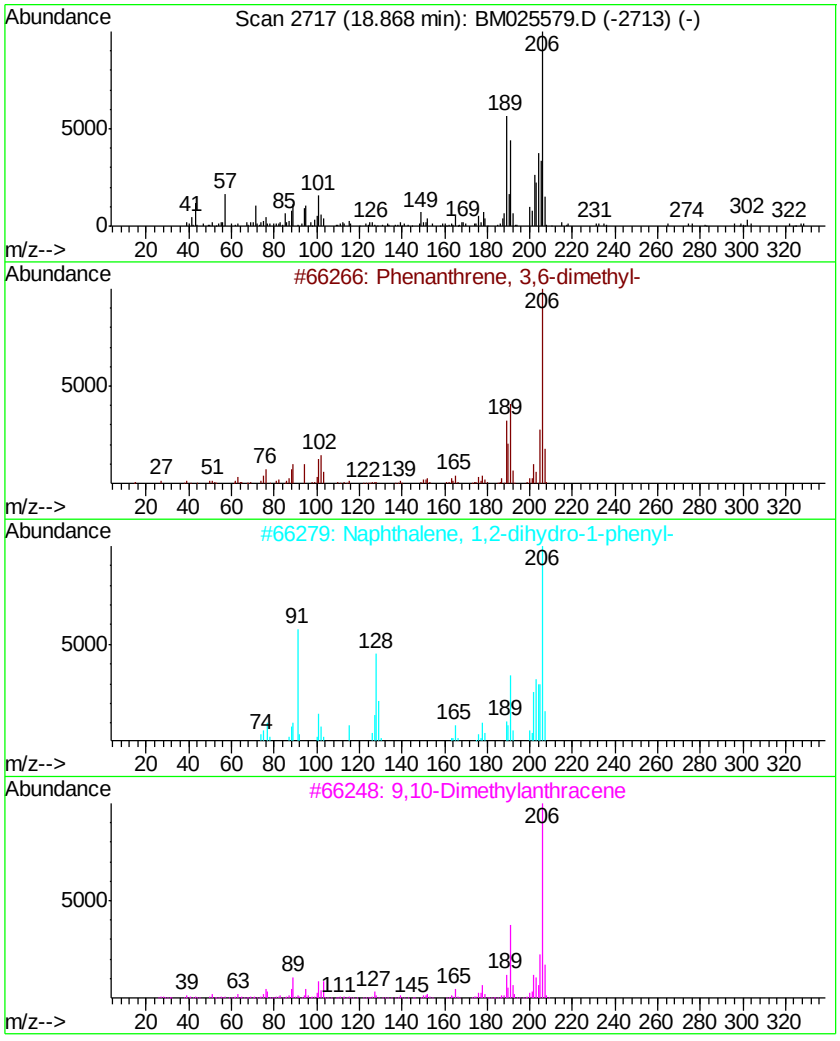
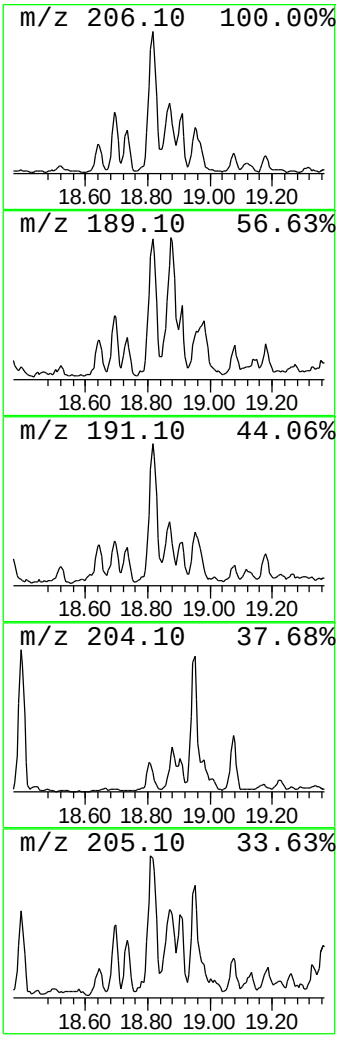
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.44 ng/ul	355537	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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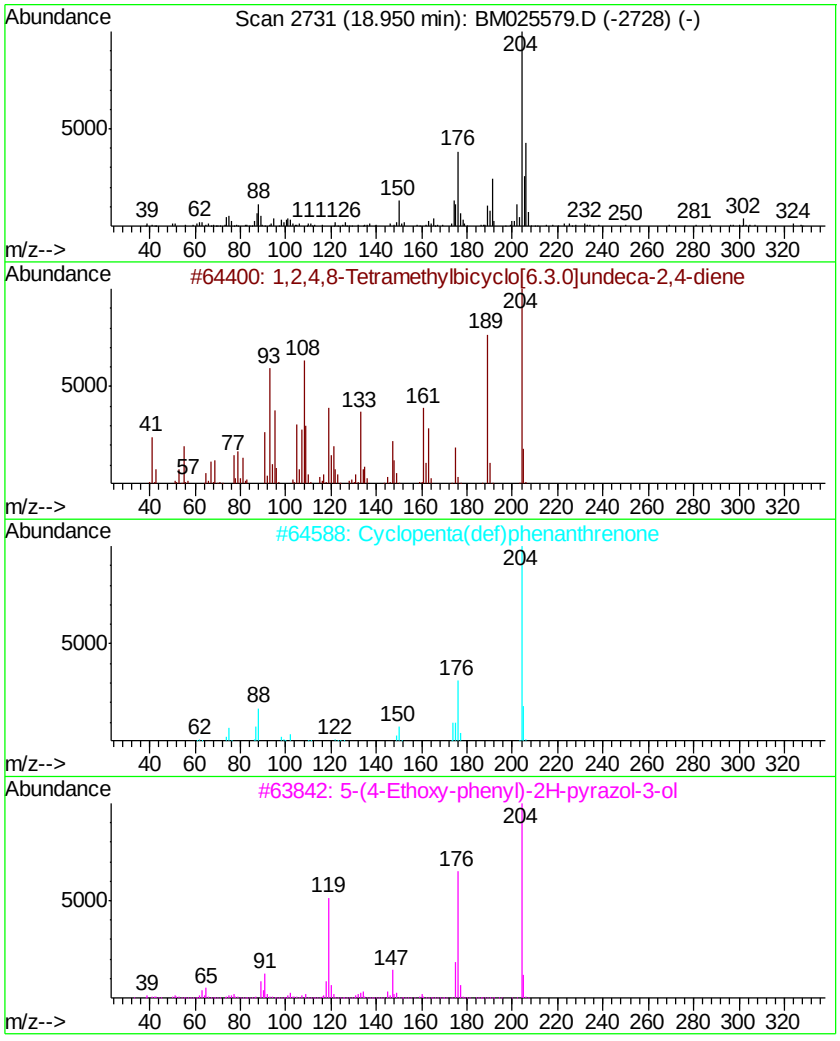
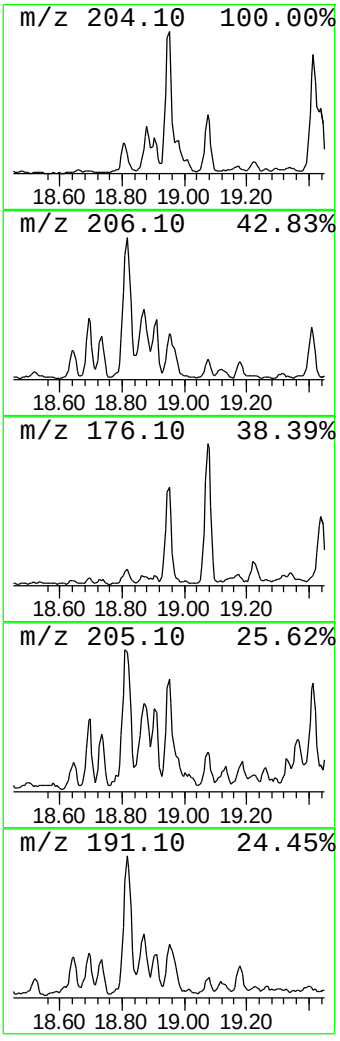
Peak Number 8 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.34 ng/ul	486542	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





Library Search Compound Report

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Misc :
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ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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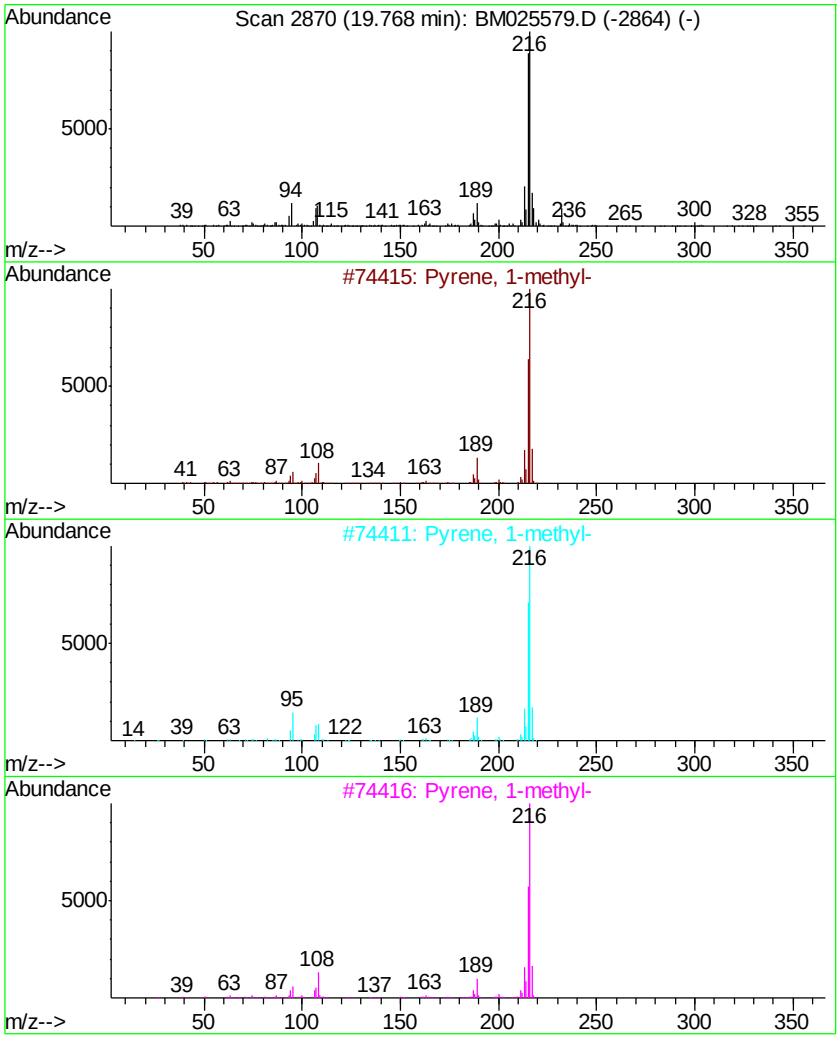
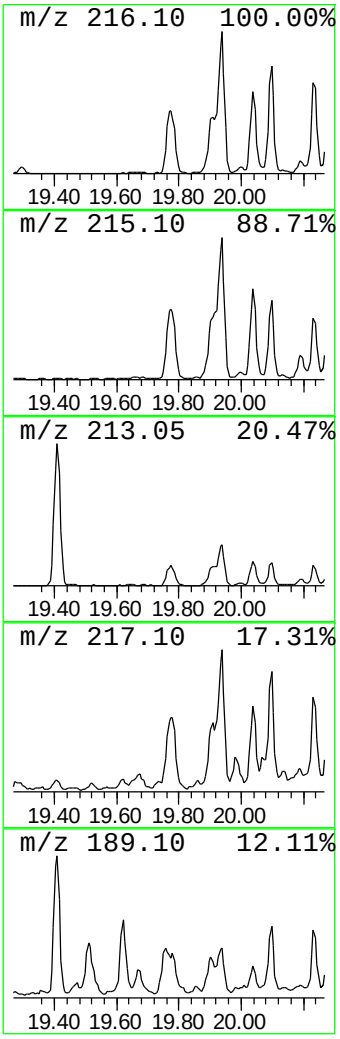
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.21 ng/ul	1122920	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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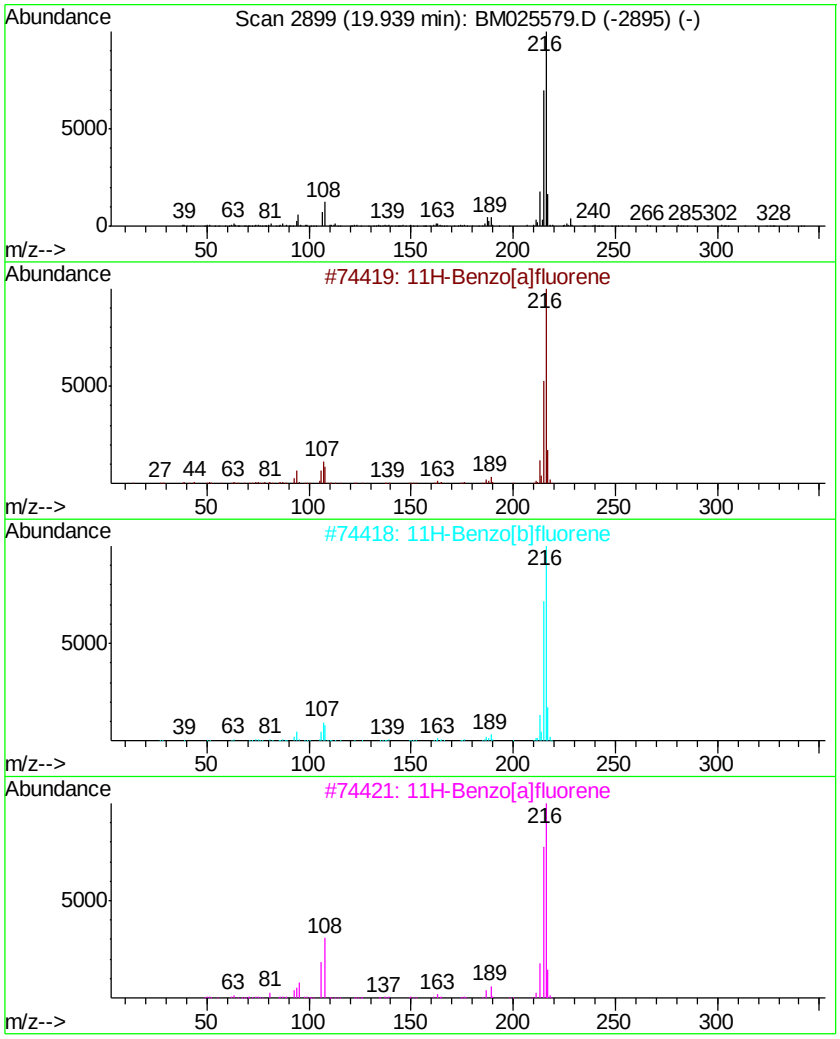
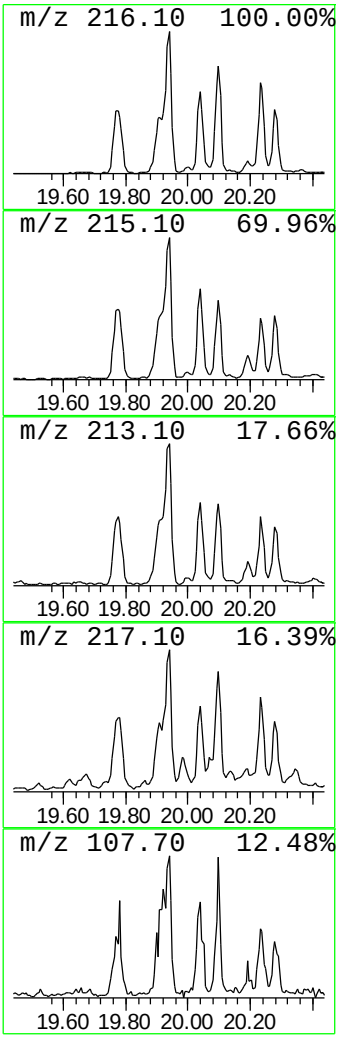
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.51 ng/ul	1271460	Chrysene-d12	21.20

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





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Misc :
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Quant Title : SVOA CALIBRATION

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

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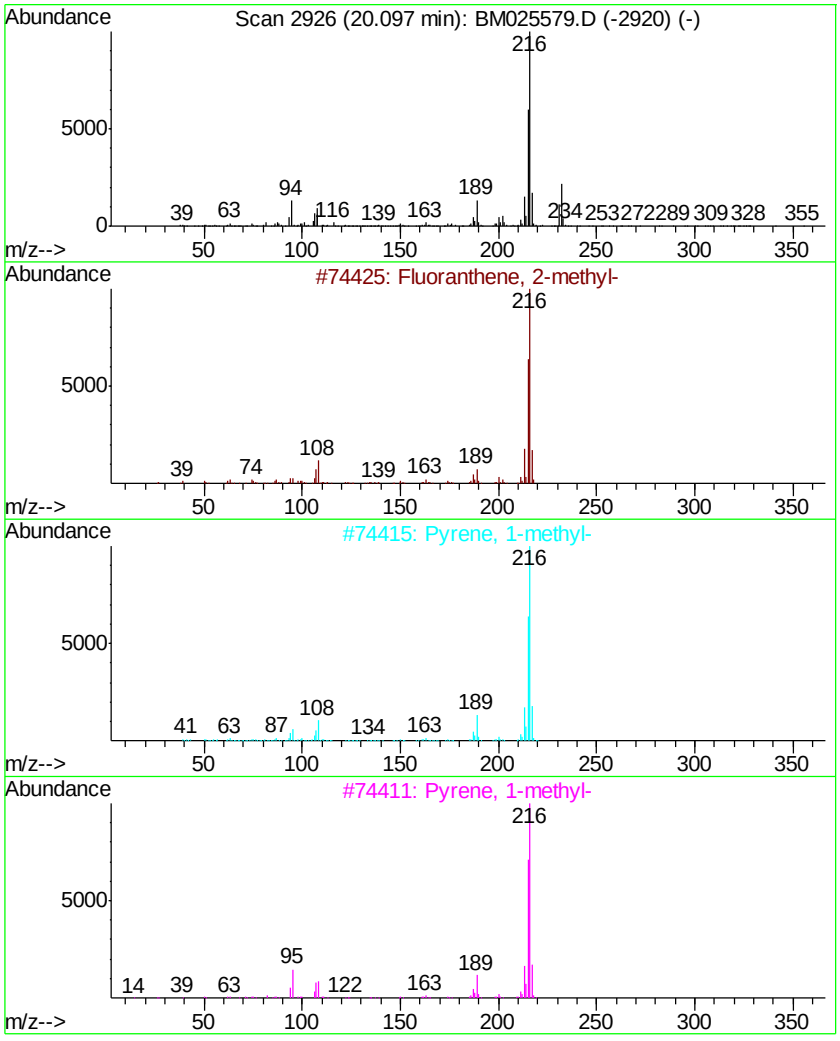
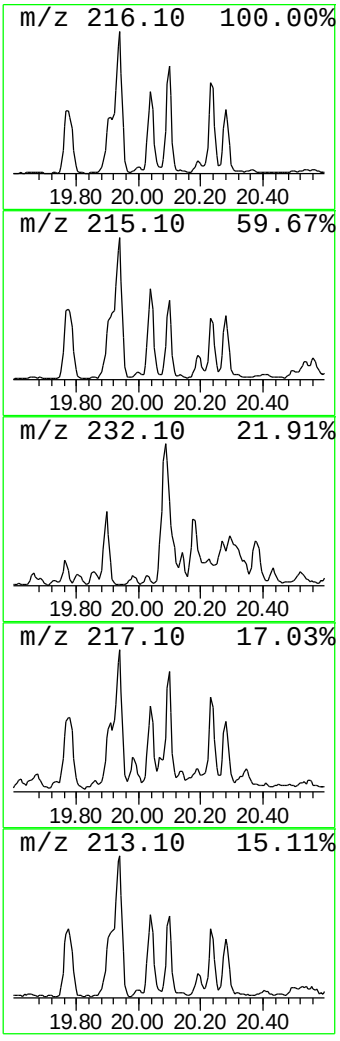
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.11 ng/ul	1068780	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96





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Misc :
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Instrument : BNA_M
ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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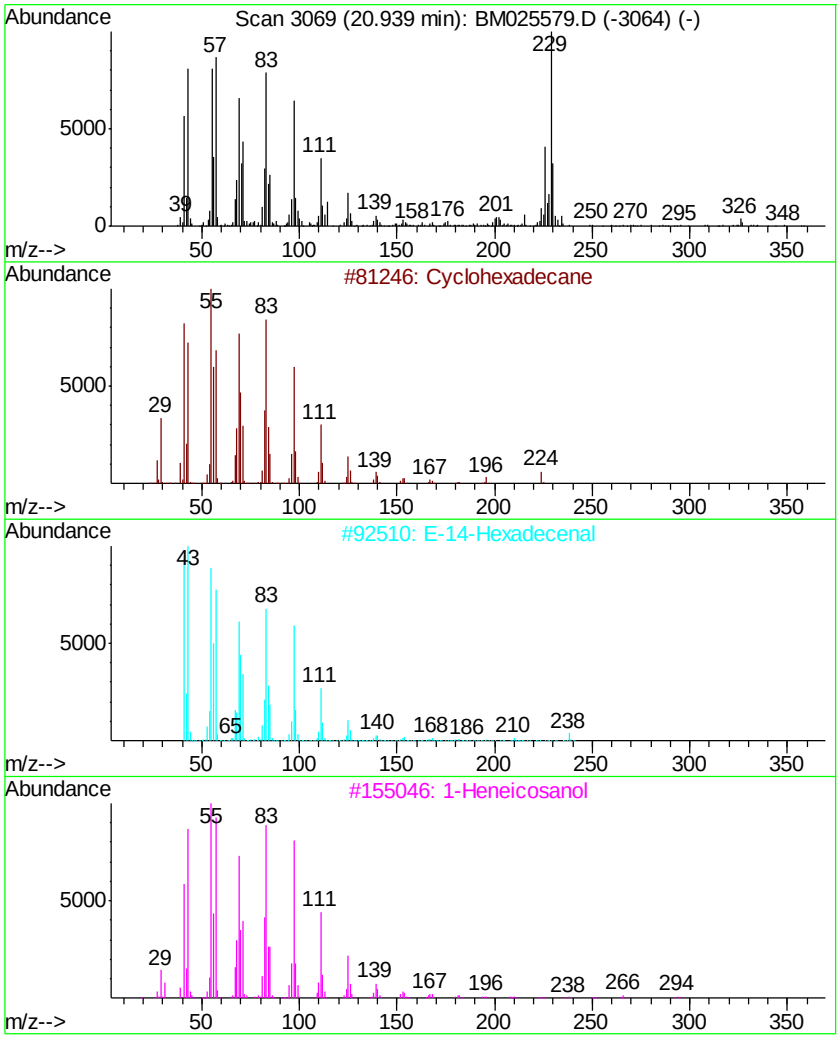
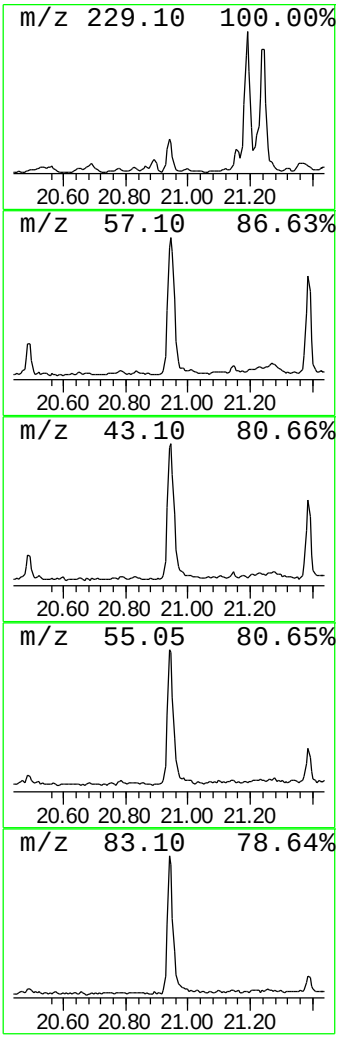
Peak Number 13 (DEL) Alkane: Cyclic20.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.06 ng/ul	2059540	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	70
3	1-Heneicosanol	312	C21H44O	015594-90-8	64
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	64





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Instrument : BNA_M
ClientSampleId : B0AG1

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Quant Title : SVOA CALIBRATION

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

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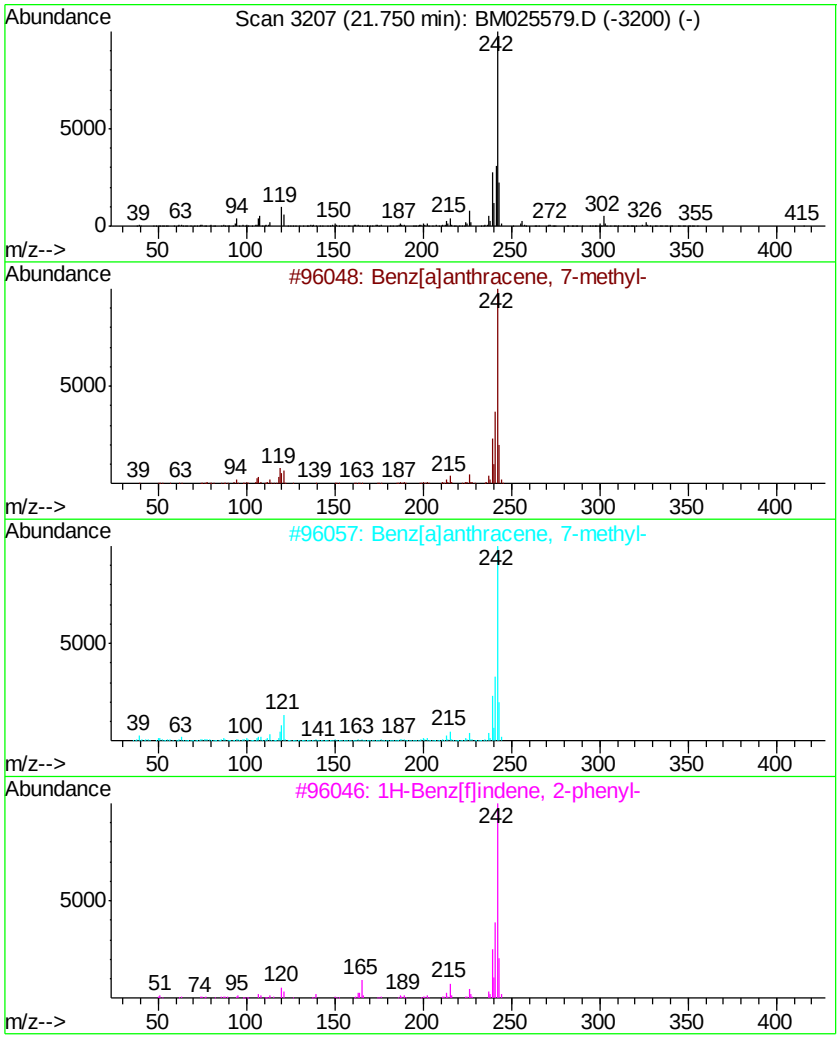
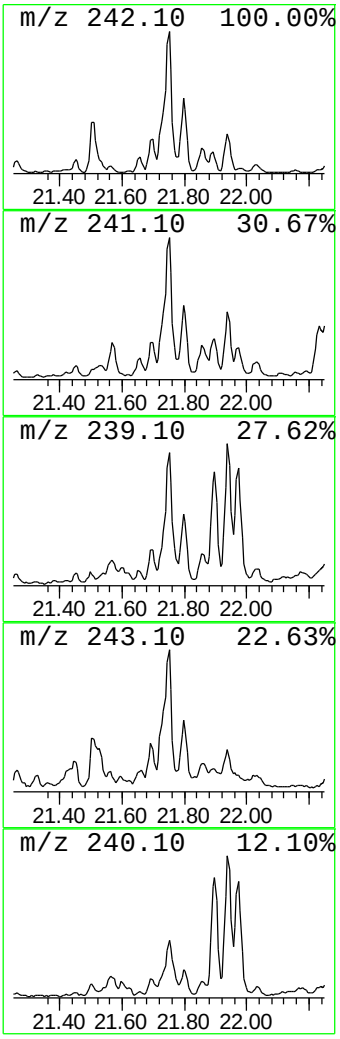
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	4.03 ng/ul	2045760	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86





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Misc :
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Quant Title : SVOA CALIBRATION

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

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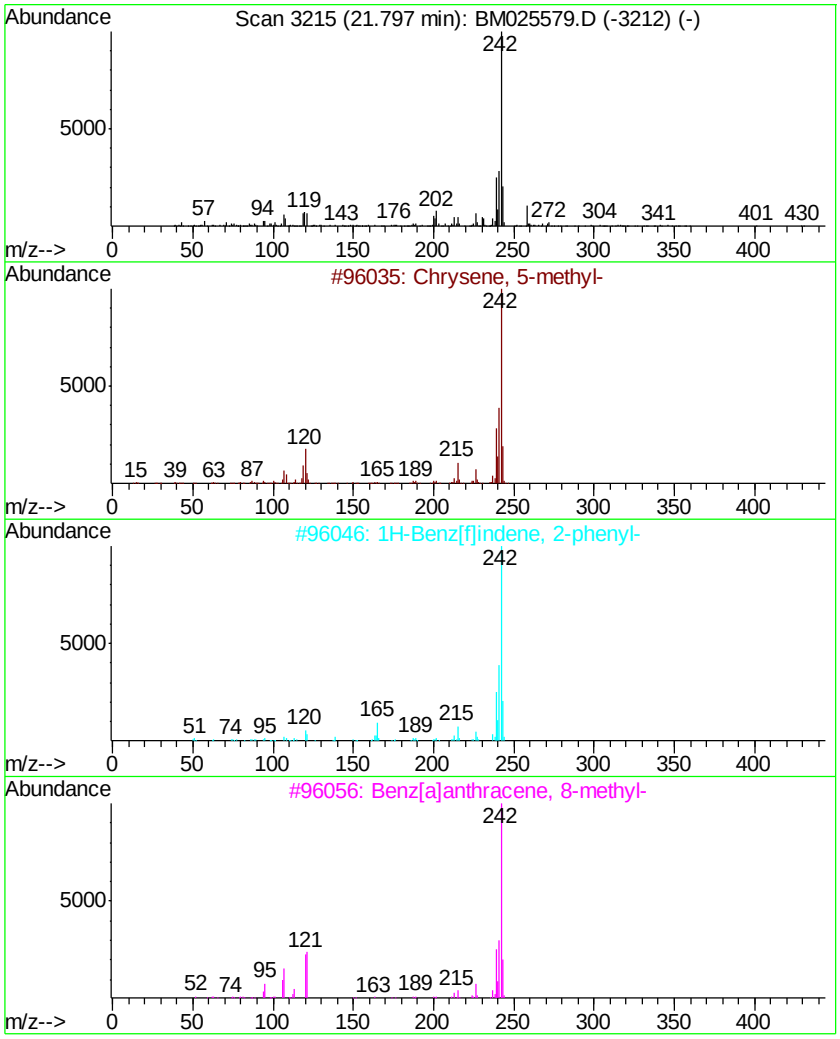
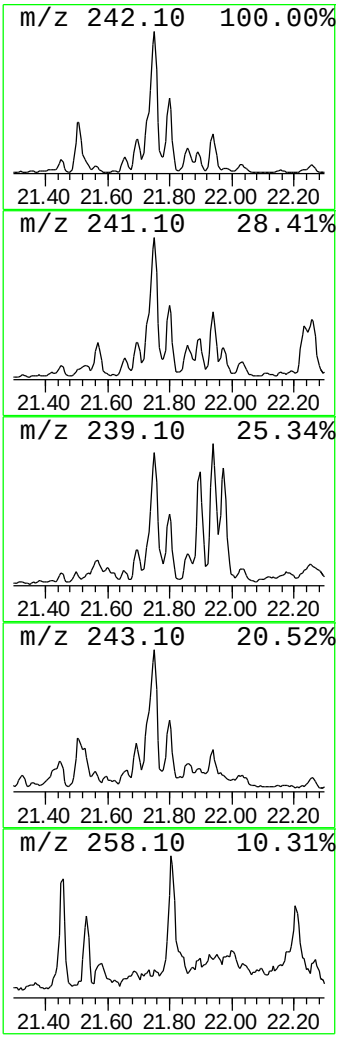
Peak Number 15 Chrysene, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.79 ng/ul	1413160	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	91
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	86
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	86
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





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Quant Title : SVOA CALIBRATION

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

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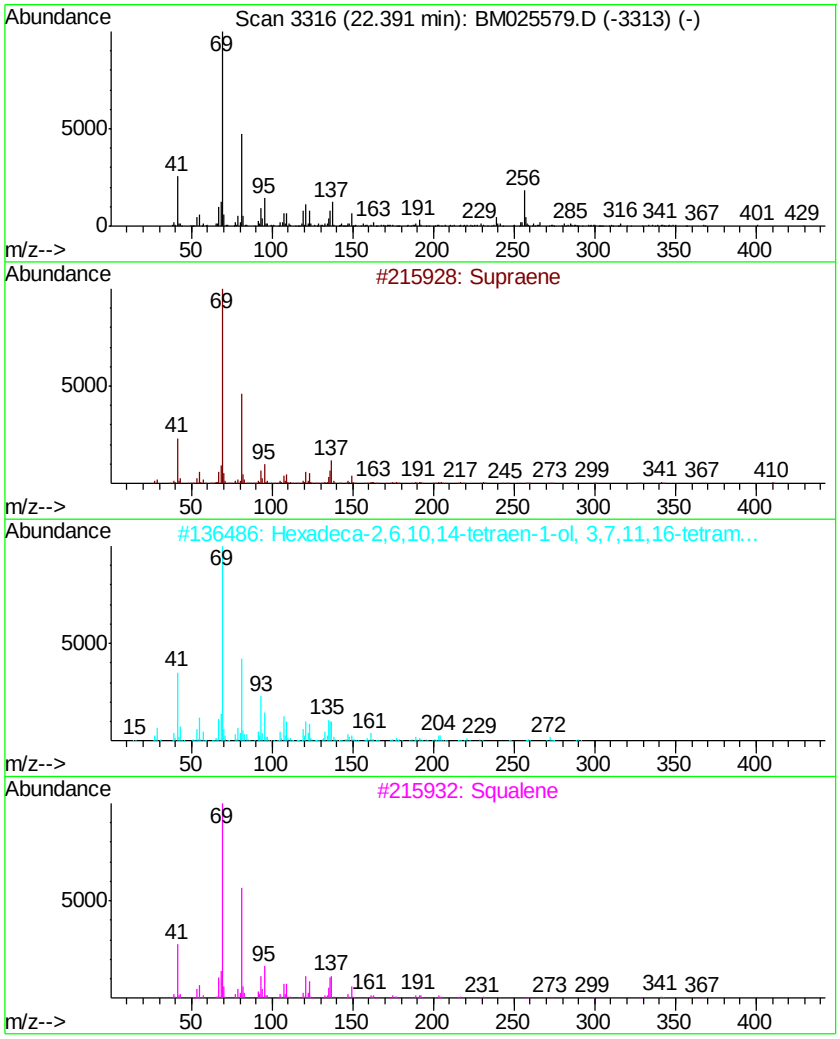
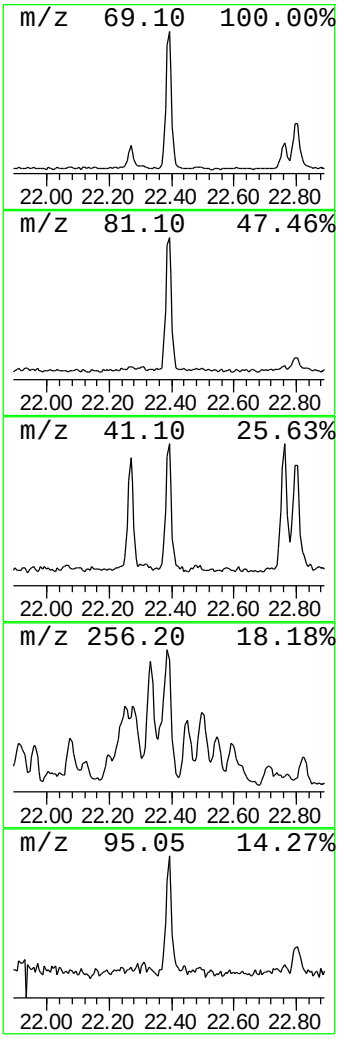
Peak Number 16 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.05 ng/ul	692352	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	81
2	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	74
3	Squalene	410	C30H50	000111-02-4	74
4	Squalene	410	C30H50	000111-02-4	72
5	Squalene	410	C30H50	000111-02-4	64





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Quant Title : SVOA CALIBRATION

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

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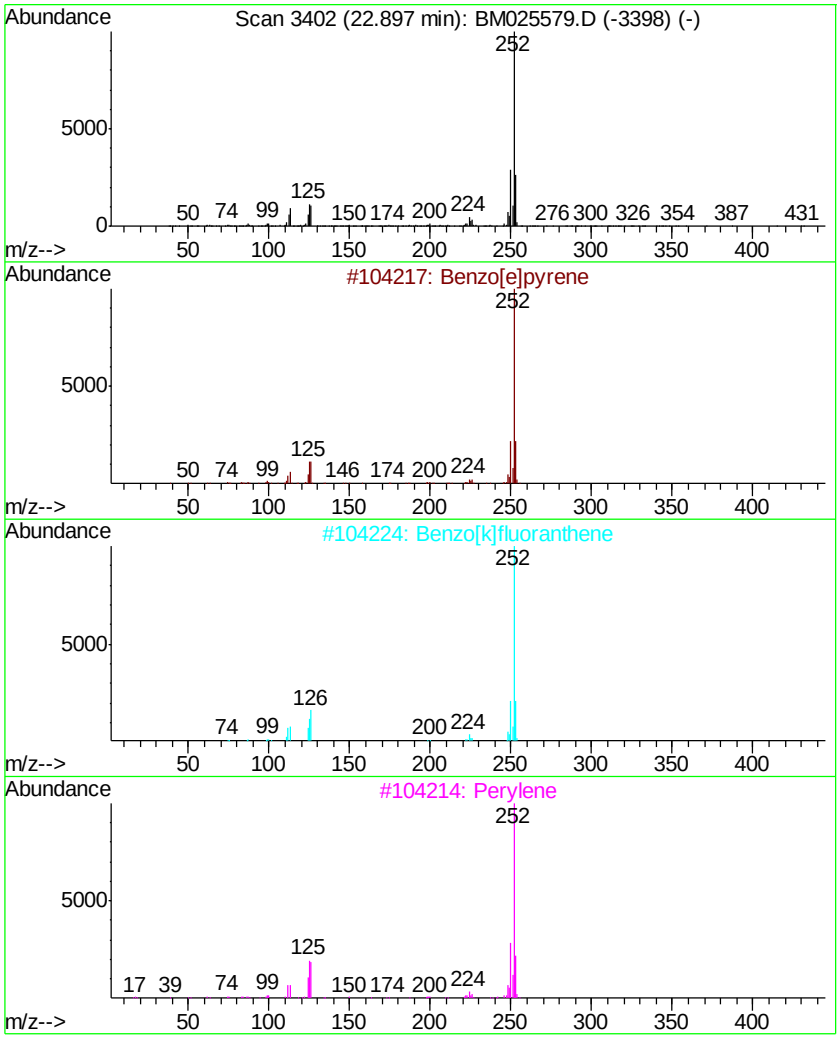
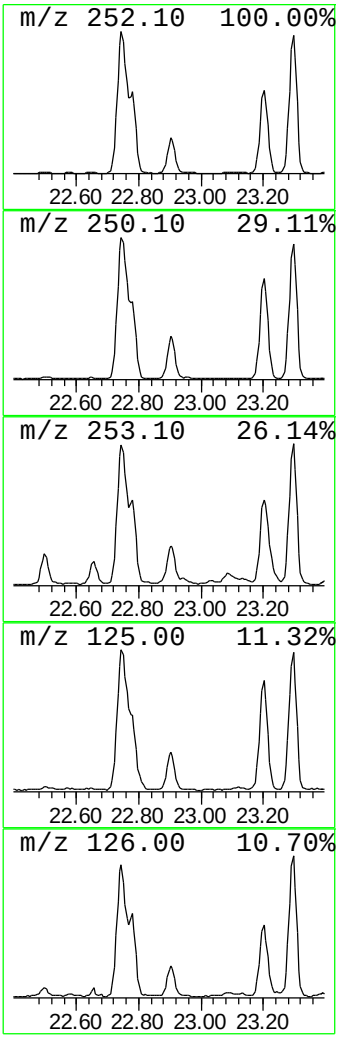
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	9.91 ng/ul	1695090	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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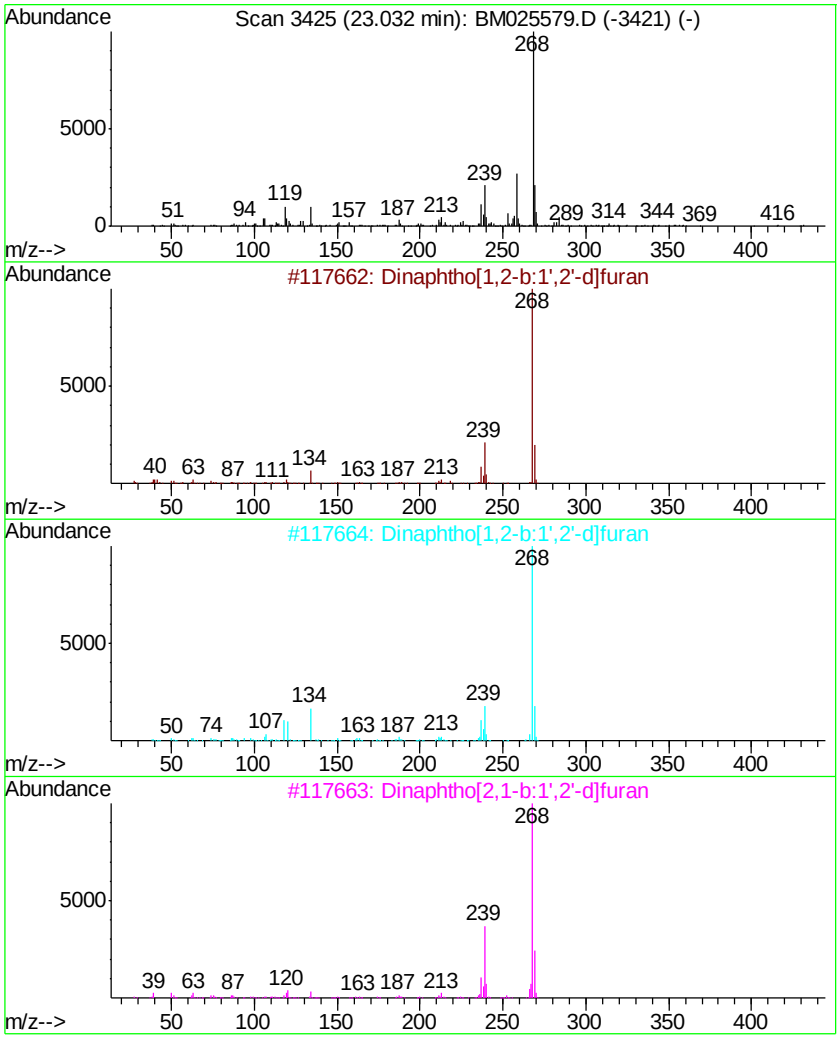
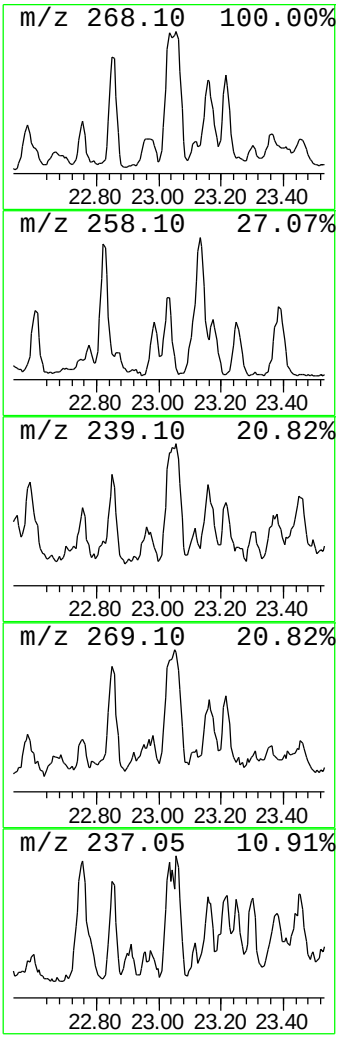
Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.23 ng/ul	552413	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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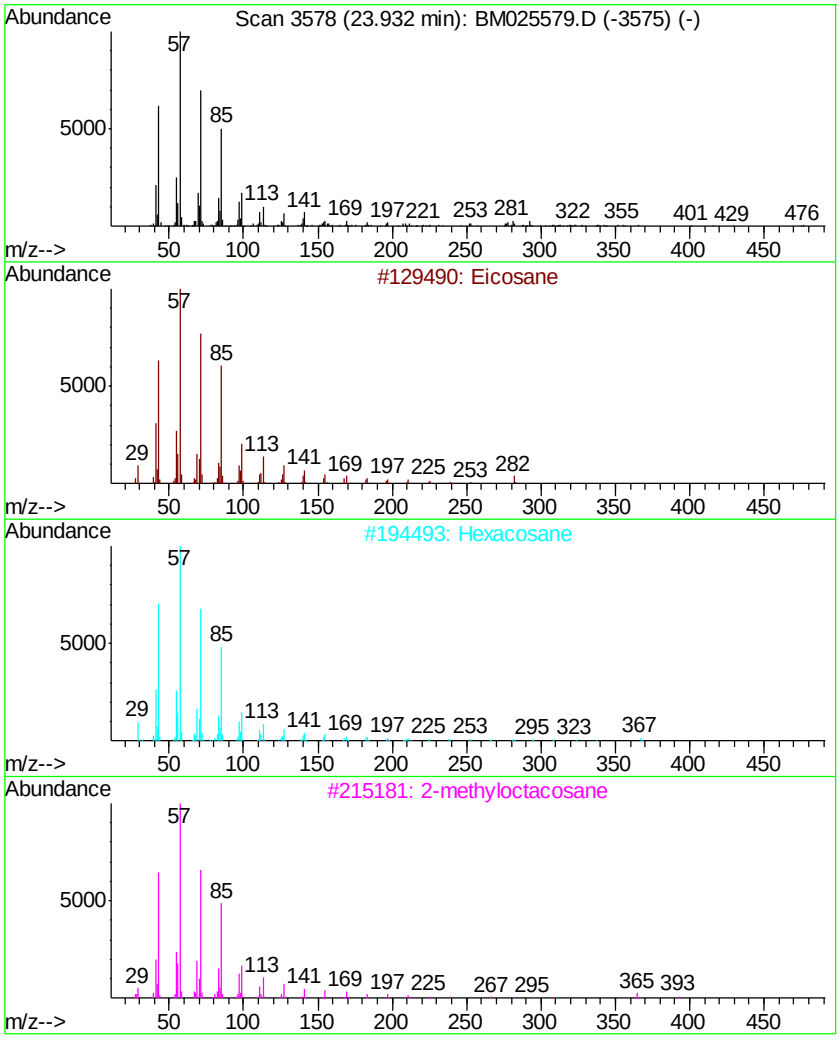
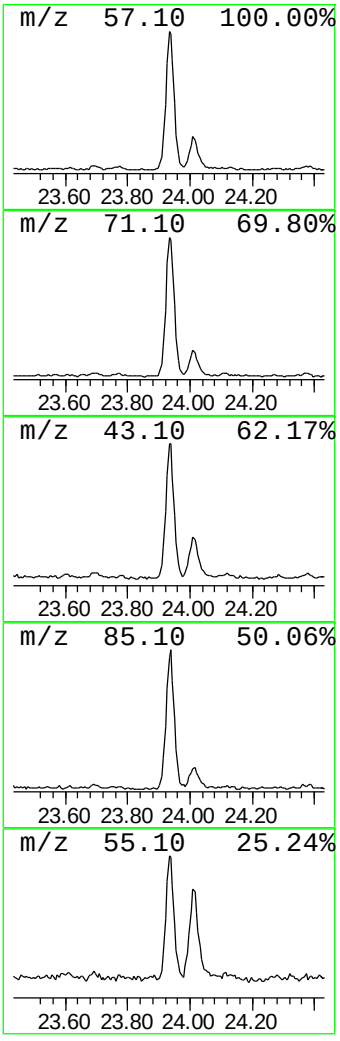
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	5.98 ng/ul	1022820	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

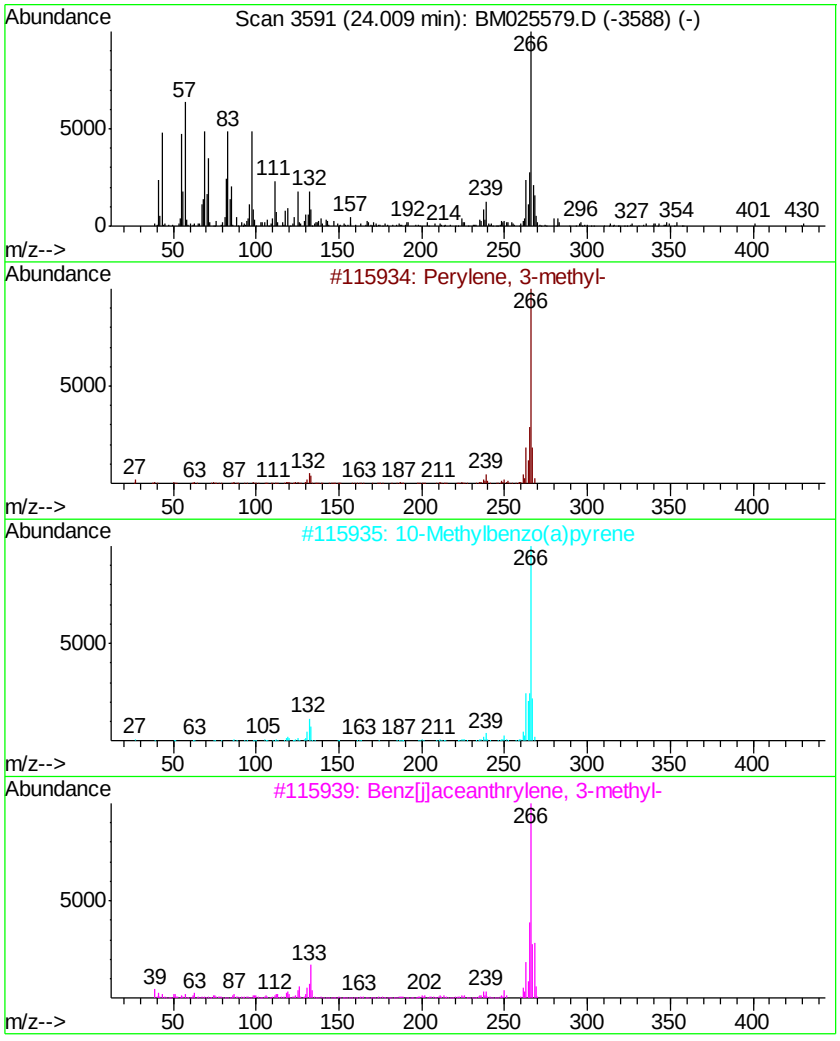
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

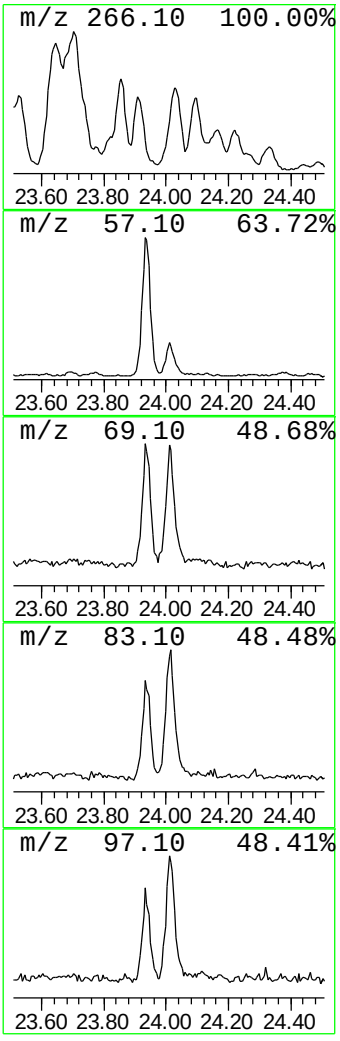
****

Peak Number 20 Perylene, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	4.64 ng/ul	793144	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	64
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	45
3	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	45
4	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	43
5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025579.D
Acq On : 16 Mar 2020 14:33
Operator : CG/JU
Sample : L1906-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
Butane, 2-methoxy...	2.97	44.5	ng/ul	2726040	1	7.64	1224660	20.0
Anthracene, 2-met...	17.89	2.6	ng/ul	379538	4	17.02	2914170	20.0
Phenanthrene, 2-m...	17.93	8.3	ng/ul	1201550	4	17.02	2914170	20.0
Benzaldehyde, 3,5...	18.08	5.5	ng/ul	797479	4	17.02	2914170	20.0
Phenanthrene, 2,5...	18.82	3.8	ng/ul	556519	4	17.02	2914170	20.0
Phenanthrene, 3,6...	18.87	2.4	ng/ul	355537	4	17.02	2914170	20.0
1,2,4,8-Tetrameth...	18.95	3.3	ng/ul	486542	4	17.02	2914170	20.0
Pyrene, 1-methyl-	19.77	2.2	ng/ul	1122920	5	21.20	10147900	20.0
11H-Benzo[a]fluorene	19.94	2.5	ng/ul	1271460	5	21.20	10147900	20.0
Fluoranthene, 2-m...	20.10	2.1	ng/ul	1068780	5	21.20	10147900	20.0
(DEL) Alkane: Cyc...	20.94	4.1	ng/ul	2059540	5	21.20	10147900	20.0
Benz[a]anthracene...	21.75	4.0	ng/ul	2045760	5	21.20	10147900	20.0
Chrysene, 5-methyl-	21.80	2.8	ng/ul	1413160	5	21.20	10147900	20.0
Supraene	22.39	4.0	ng/ul	692352	6	23.39	3419840	20.0
Benzo[e]pyrene	22.90	9.9	ng/ul	1695090	6	23.39	3419840	20.0
Dinaphtho[1,2-b:1...	23.03	3.2	ng/ul	552413	6	23.39	3419840	20.0
(DEL) Alkane: Str...	23.93	6.0	ng/ul	1022820	6	23.39	3419840	20.0
Perylene, 3-methyl-	24.01	4.6	ng/ul	793144	6	23.39	3419840	20.0