LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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	4	8	14	rBV	488033	571906	7.04%	0.745%
2	7.686	808	816	825	rBV	345163	542778	6.68%	0.707%
3	10.469	1281	1289	1294	rBV	421175	724021	8.91%	0.943%
4	12.133	1565	1572	1581	rVB	129256	202390	2.49%	0.264%
5	12.357	1599	1610	1620	rVB	235797	386234	4.75%	0.503%
6	13.498	1795	1804	1812	rBV3	97555	245170	3.02%	0.319%
7	13.645	1821	1829	1834	rBV	252823	427696	5.26%	0.557%
8	13.698	1834	1838	1841	rVV	114405	169396	2.08%	0.221%
9	13.733	1841	1844	1849	rVV	93686	136141	1.68%	0.177%
10	13.880	1863	1869	1872	rBV	139520	204968	2.52%	0.267%
11	14.015	1886	1892	1894	rBV	97875	148126	1.82%	0.193%
12	14.045	1894	1897	1903	rVB	107492	154594	1.90%	0.201%
13	14.321	1934	1944	1950	rVV	616665	981030	12.07%	1.278%
14	14.386	1950	1955	1963	rVV	360152	578194	7.11%	0.753%
15	14.533	1974	1980	1989	rVV3	52652	133965	1.65%	0.174%
16	14.633	1989	1997	2002	rVV2	63981	119752	1.47%	0.156%
17	14.721	2002	2012	2020	rVV	210417	356221	4.38%	0.464%
18	14.798	2020	2025	2033	rVV	101899	155981	1.92%	0.203%
19	14.945	2040	2050	2054	rBV2	85403	155100	1.91%	0.202%
20	15.115	2071	2079	2082	rBV2	64855	133686	1.64%	0.174%
21	15.315	2105	2113	2117	rVV3	150796	282299	3.47%	0.368%
22	15.368	2117	2122	2127	rVV	656034	950726	11.70%	1.238%
23	15.468	2135	2139	2141	rVV2	79377	129745	1.60%	0.169%
24	15.492	2141	2143	2146	rVV	134789	184076	2.26%	0.240%
25	15.533	2146	2150	2155	rVV5	165039	272108	3.35%	0.354%
26	15.586	2155	2159	2162	rVV	70279	112611	1.39%	0.147%
27	15.621	2162	2165	2168	rVV2	74835	115113	1.42%	0.150%
28	15.662	2168	2172	2182	rVB2	132733	241834	2.98%	0.315%
29	15.809	2190	2197	2205	rVB	105943	241292	2.97%	0.314%
30	16.374	2282	2293	2297	rBV2	215925	497296	6.12%	0.648%
31	16.421	2297	2301	2307	rVV2	191075	309976	3.81%	0.404%
32	16.521	2313	2318	2323	rVB	153947	245232	3.02%	0.319%
33	16.639	2334	2338	2342	rVV3	102603	176193	2.17%	0.229%
34	16.880	2375	2379	2389	rVB	266482	428126	5.27%	0.558%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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	17.062	2404	2410	2413	rBV	670041	991959	12.20%	1.292%
36	17.109	2413	2418	2423	rVV	5083726	6861853	84.43%	8.937%
37	17.162	2423	2427	2429	rVV	191498	274004	3.37%	0.357%
38	17.198	2429	2433	2438	rVV	1232574	1643525	20.22%	2.141%
39	17.256	2438	2443	2448	rVV2	96817	174165	2.14%	0.227%
40	17.468	2474	2479	2482	rBV	116529	169594	2.09%	0.221%
41	17.586	2494	2499	2503	rVV	143350	203282	2.50%	0.265%
42	17.639	2504	2508	2519	rVB2	189279	307920	3.79%	0.401%
43	17.786	2528	2533	2541	rVB	110723	195174	2.40%	0.254%
44	17.939	2549	2559	2563	rBV	933033	1379484	16.97%	1.797%
45	17.986	2563	2567	2574	rVB	1144499	1548798	19.06%	2.017%
46	18.068	2574	2581	2586	rBV	422248	673856	8.29%	0.878%
47	18.133	2586	2592	2596	rVV2	1259456	2414121	29.70%	3.144%
48	18.168	2596	2598	2605	rVB	676762	796076	9.79%	1.037%
49	18.333	2622	2626	2630	rVB2	80172	116402	1.43%	0.152%
50	18.439	2630	2644	2648	rBV	554361	888151	10.93%	1.157%
51	18.480	2648	2651	2656	rVB3	137050	214219	2.64%	0.279%
52	18.686	2682	2686	2690	rVV	193208	235066	2.89%	0.306%
53	18.739	2691	2695	2698	rVB	145013	167870	2.07%	0.219%
54	18.774	2698	2701	2705	rVB	147673	189214	2.33%	0.246%
55	18.856	2706	2715	2720	rBV	490986	882038	10.85%	1.149%
56	18.921	2720	2726	2729	rBV2	271262	451512	5.56%	0.588%
57	18.950	2729	2731	2735	rVB	147443	156307	1.92%	0.204%
58	18.997	2735	2739	2742	rBV	182628	324266	3.99%	0.422%
59	19.121	2754	2760	2766	rBV	4787808	6238311	76.75%	8.125%
60	19.192	2768	2772	2774	rVV	107428	139543	1.72%	0.182%
61	19.221	2774	2777	2782	rVB3	117057	155290	1.91%	0.202%
62	19.315	2788	2793	2797	rBV4	75751	135351	1.67%	0.176%
63	19.362	2797	2801	2805	rVV	150346	227623	2.80%	0.296%
64	19.486	2812	2822	2830	rBV	5214498	8127697	100.00%	10.586%
65	19.556	2830	2834	2841	rVB3	203168	367307	4.52%	0.478%
66	19.662	2848	2852	2858	rVB	153496	217301	2.67%	0.283%
67	19.721	2858	2862	2868	rVB	147768	230060	2.83%	0.300%
68	19.809	2871	2877	2884	rBV3	357882	817943	10.06%	1.065%
69	19.944	2895	2900	2901	rBV3	249439	321445	3.95%	0.419%
70	19.980	2902	2906	2910	rVB	805091	1090550	13.42%	1.420%
71	20.080	2918	2923	2927	rBV	702304	878773	10.81%	1.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

72	20.139	2927	2933	2937	rVV2	571215	851486	10.48%	1.109%
73	20.174	2937	2939	2944	rVV3	111909	165472	2.04%	0.216%
74	20.221	2944	2947	2951	rVB3	96820	129955	1.60%	0.169%
75	20.274	2952	2956	2960	rBV	380409	481666	5.93%	0.627%
76	20.321	2960	2964	2968	rVB2	407859	508240	6.25%	0.662%
77	20.686	3022	3026	3029	rBV3	127154	219607	2.70%	0.286%
78	20.733	3030	3034	3039	rVB2	146808	305619	3.76%	0.398%
79	20.891	3054	3061	3064	rBV2	291059	475566	5.85%	0.619%
80	20.927	3064	3067	3070	rVV	380967	438501	5.40%	0.571%
81	20.962	3070	3073	3078	rVB2	250640	382894	4.71%	0.499%
82	21.227	3113	3118	3123	rBV2	2644636	4307373	53.00%	5.610%
83	21.280	3123	3127	3137	rVB	1950547	2709451	33.34%	3.529%
84	21.397	3143	3147	3151	rBV	330246	441632	5.43%	0.575%
85	21.550	3168	3173	3178	rBV3	178373	314436	3.87%	0.410%
86	21.733	3200	3204	3206	rBV	124959	161250	1.98%	0.210%
87	21.786	3207	3213	3217	rVV	484262	806659	9.92%	1.051%
88	21.833	3218	3221	3226	rVB	278116	368571	4.53%	0.480%
89	21.933	3236	3238	3242	rVB2	172805	195859	2.41%	0.255%
90	21.980	3242	3246	3248	rVV	221357	281362	3.46%	0.366%
91	22.009	3249	3251	3256	rVB2	281513	367411	4.52%	0.479%
92	22.080	3258	3263	3272	rVB2	171519	320895	3.95%	0.418%
93	22.791	3378	3384	3389	rBV	1236165	2808909	34.56%	3.658%
94	22.956	3408	3412	3420	rVB	252494	401043	4.93%	0.522%
95	23.262	3458	3464	3470	rBV	743546	1387470	17.07%	1.807%
96	23.356	3474	3480	3487	rVB	1403728	2516052	30.96%	3.277%
97	23.450	3490	3496	3501	rVV2	594537	1194827	14.70%	1.556%
98	23.503	3501	3505	3512	rVB2	325315	614492	7.56%	0.800%
99	25.668	3866	3873	3883	rVB3	540875	1498717	18.44%	1.952%
100	26.350	3982	3989	4006	rVB	380726	1204901	14.82%	1.569%

Sum of corrected areas: 76780342

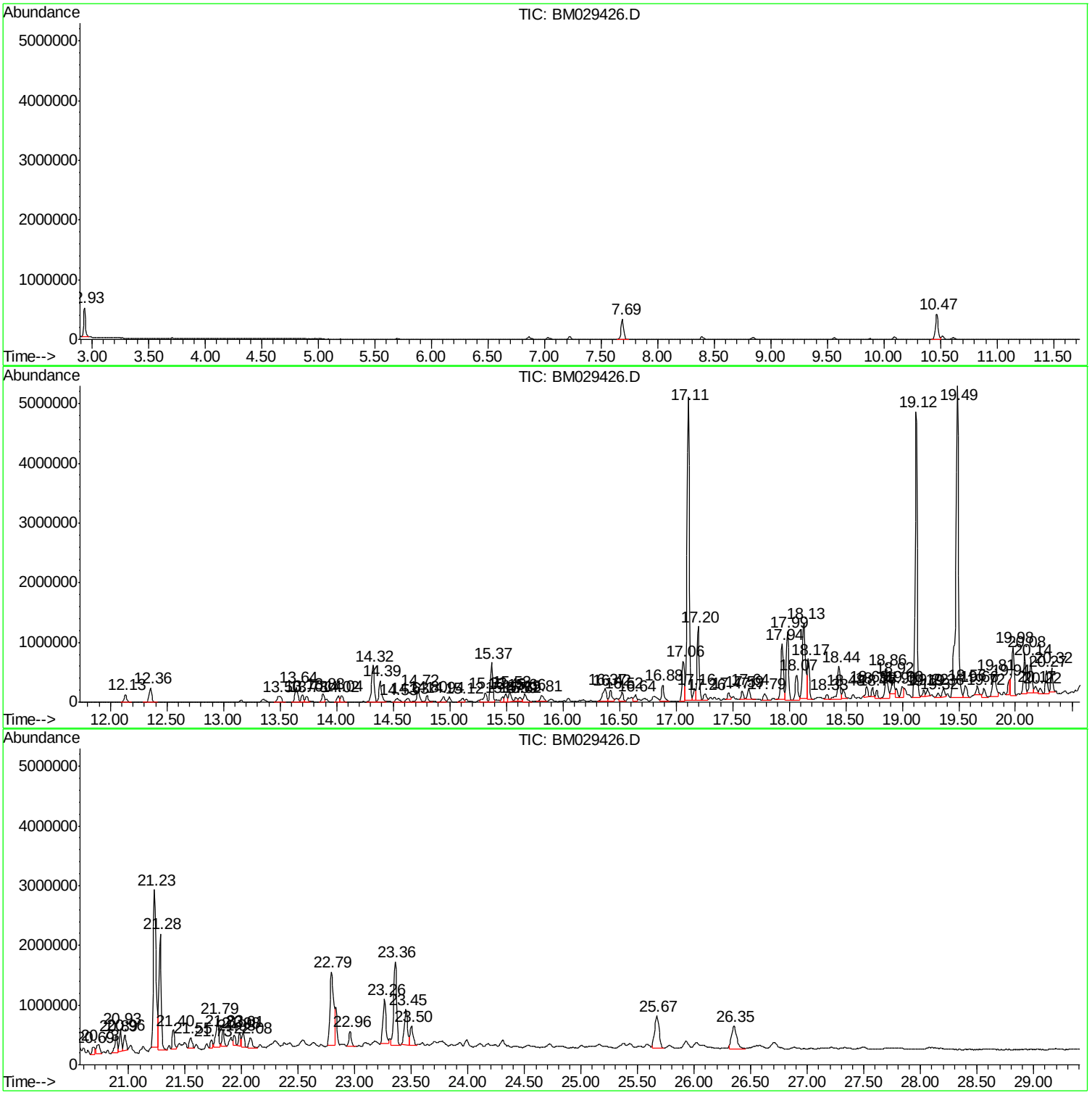
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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 : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

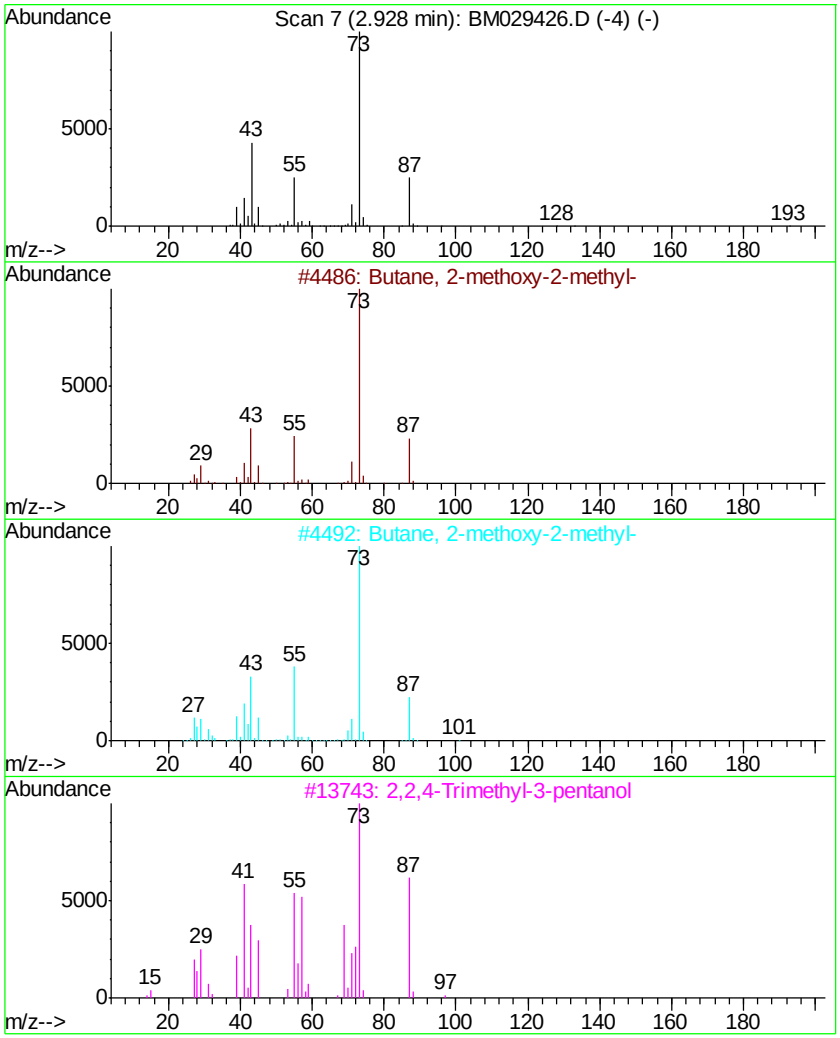
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

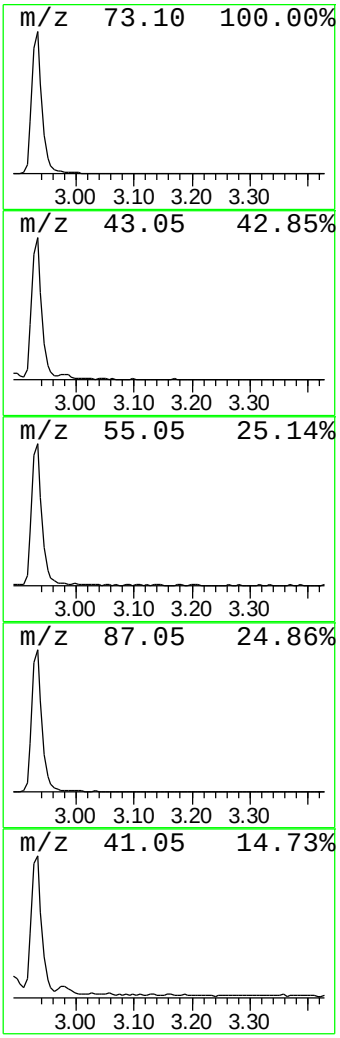
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	21.07 ng/ul	571906	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

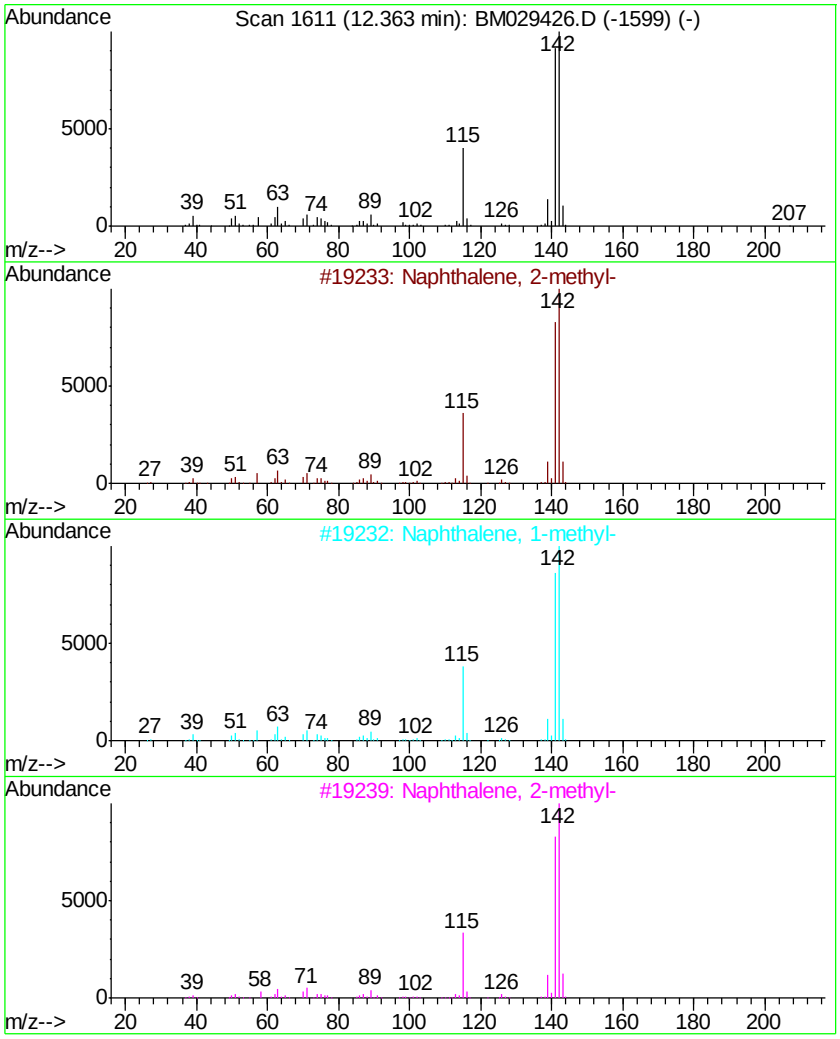
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

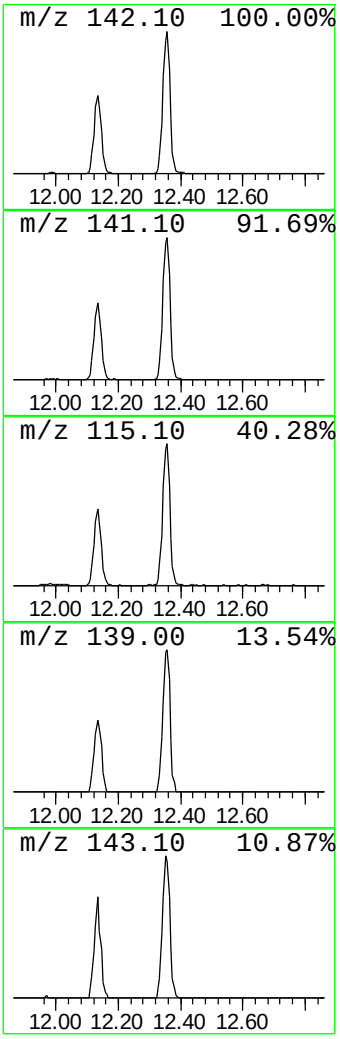
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	10.67 ng/ul	386234	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

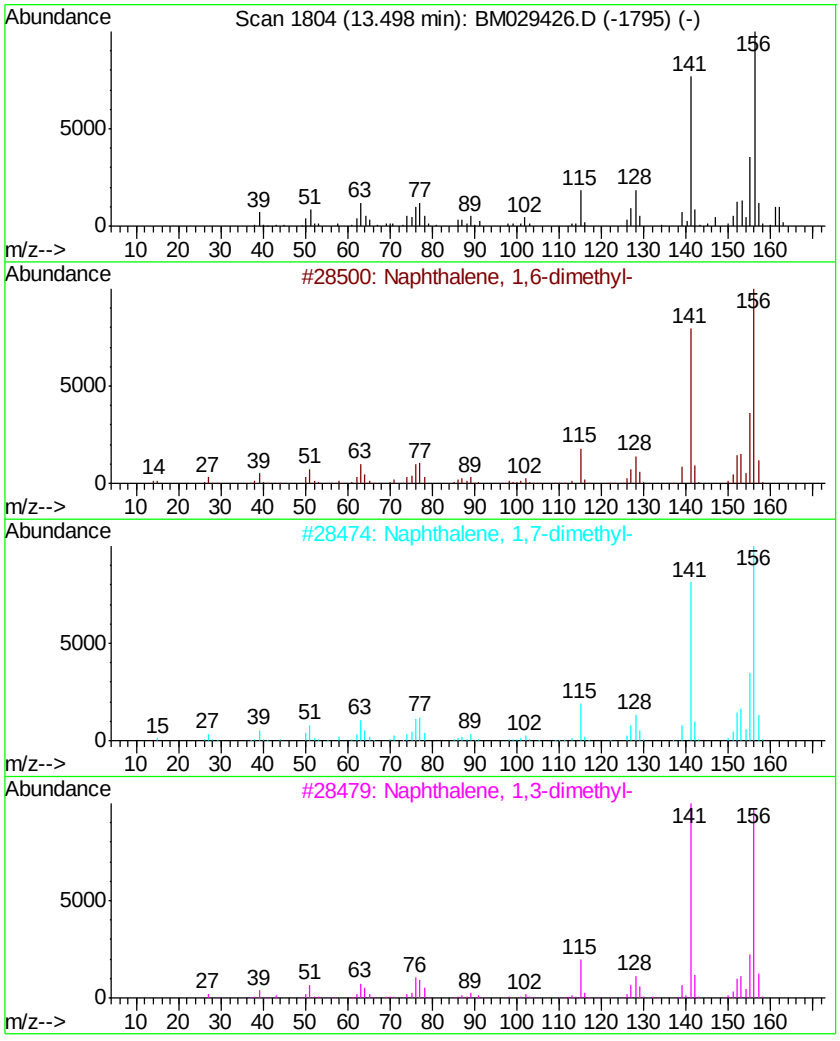
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

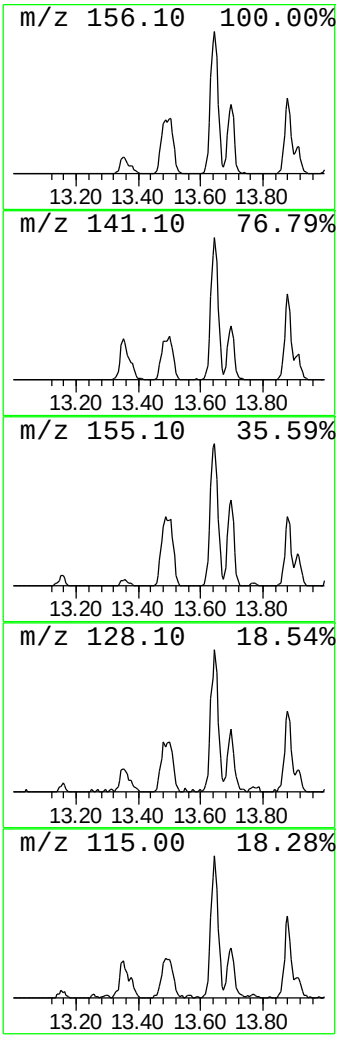
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	5.00 ng/ul	245170	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

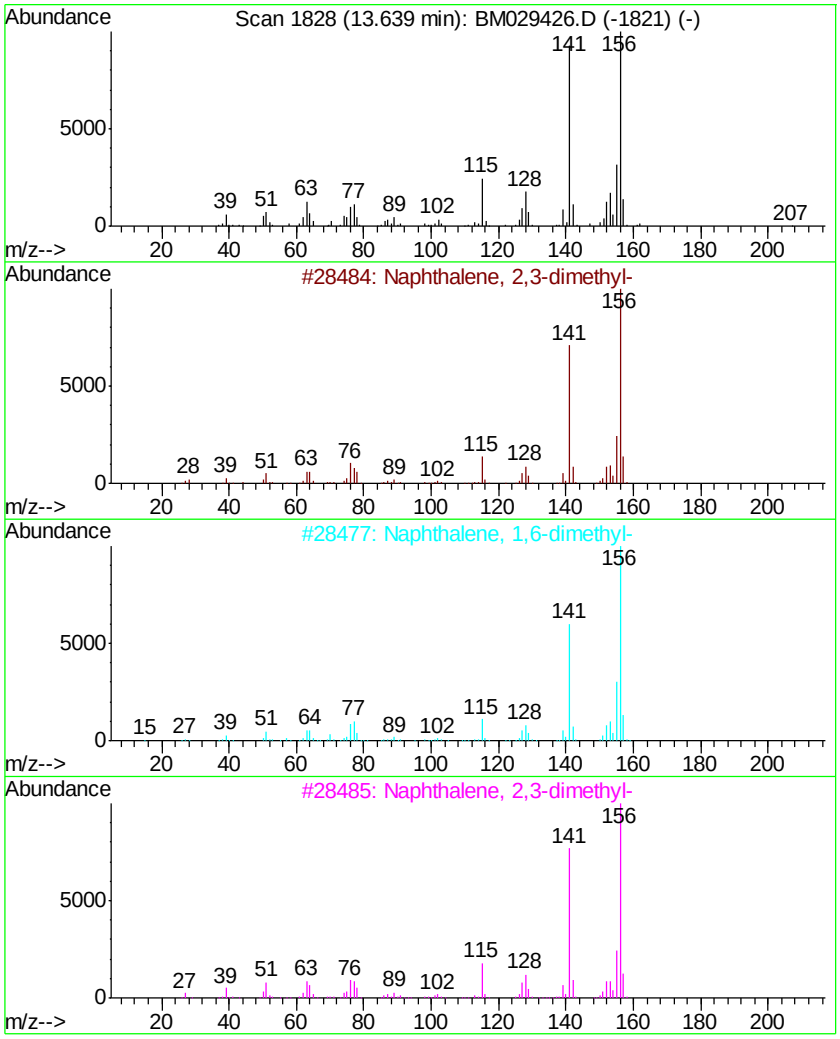
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

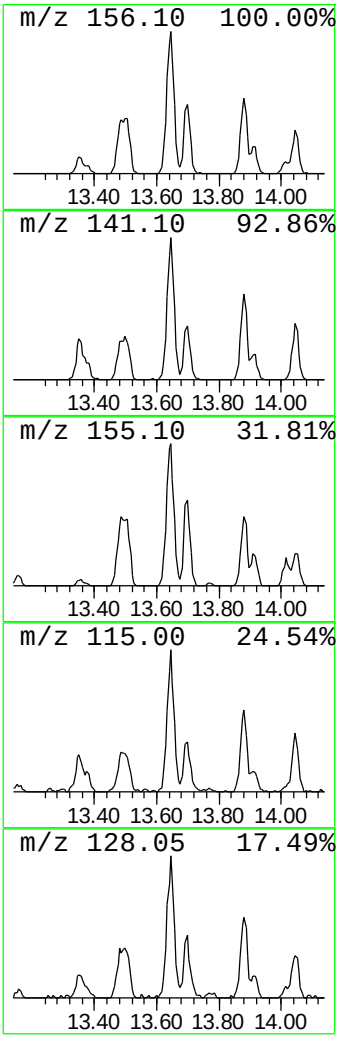
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	8.72 ng/ul	427696	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

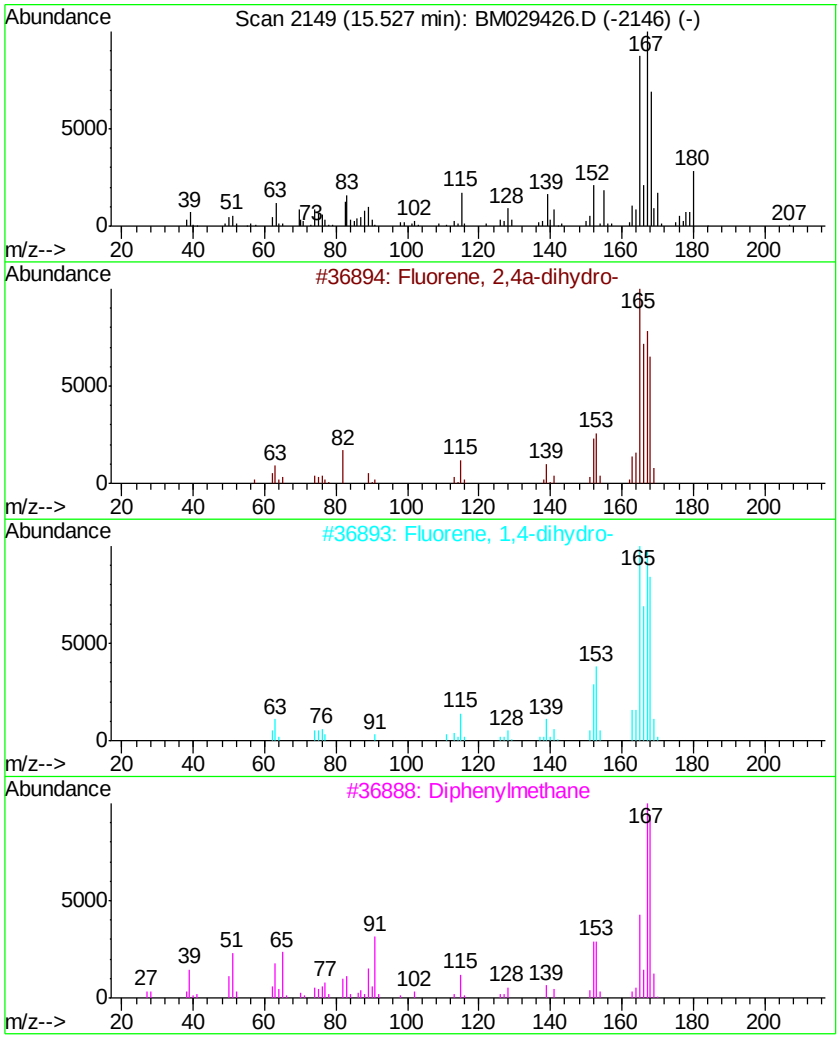
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

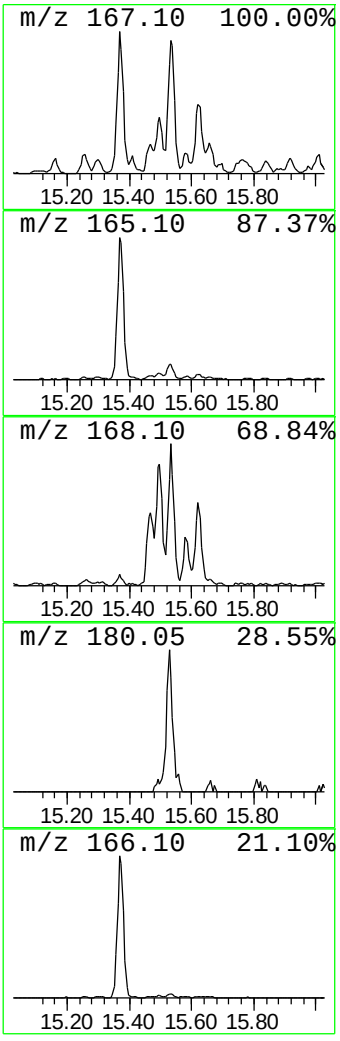
****

Peak Number 11 Fluorene, 2,4a-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	5.55 ng/ul	272108	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	78
3	Diphenylmethane	168	C13H12	000101-81-5	58
4	Diphenylmethane	168	C13H12	000101-81-5	58
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

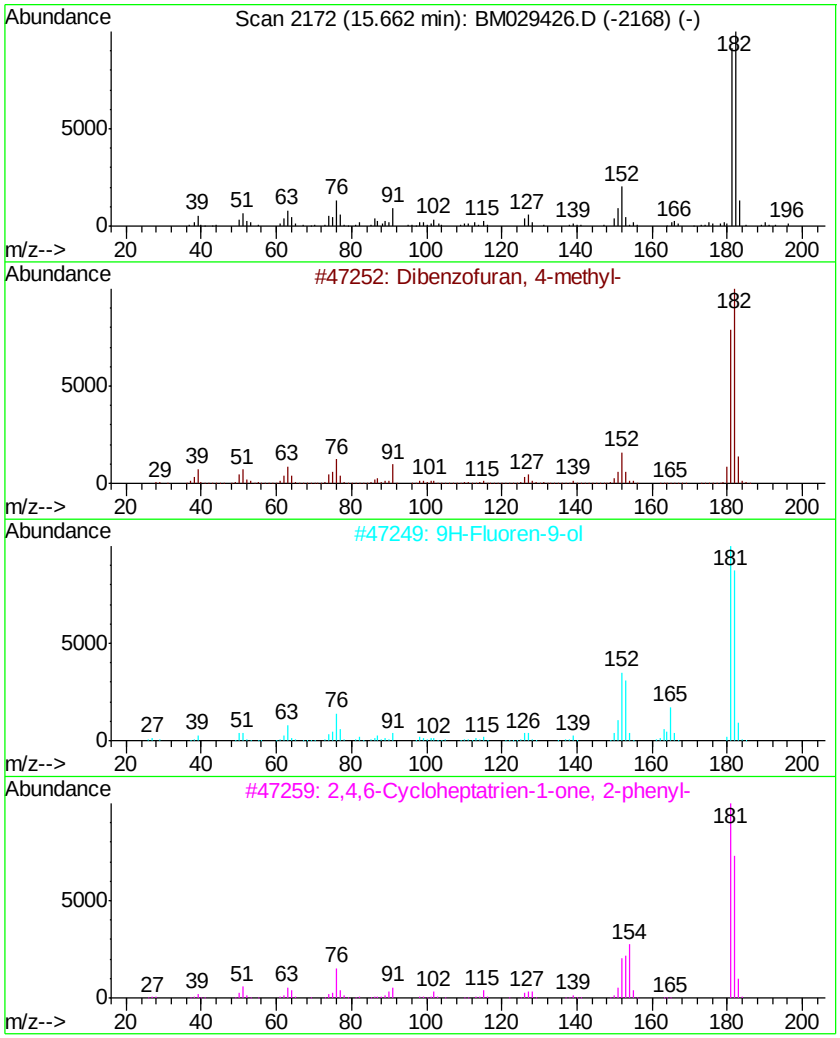
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

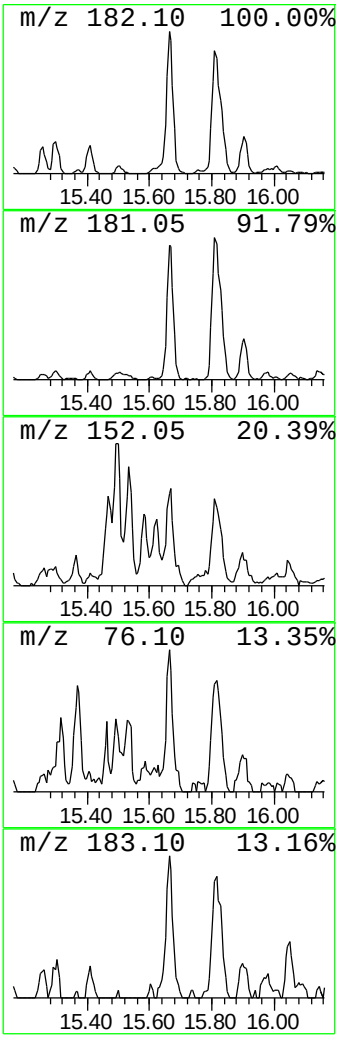
****

Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.93 ng/ul	241834	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

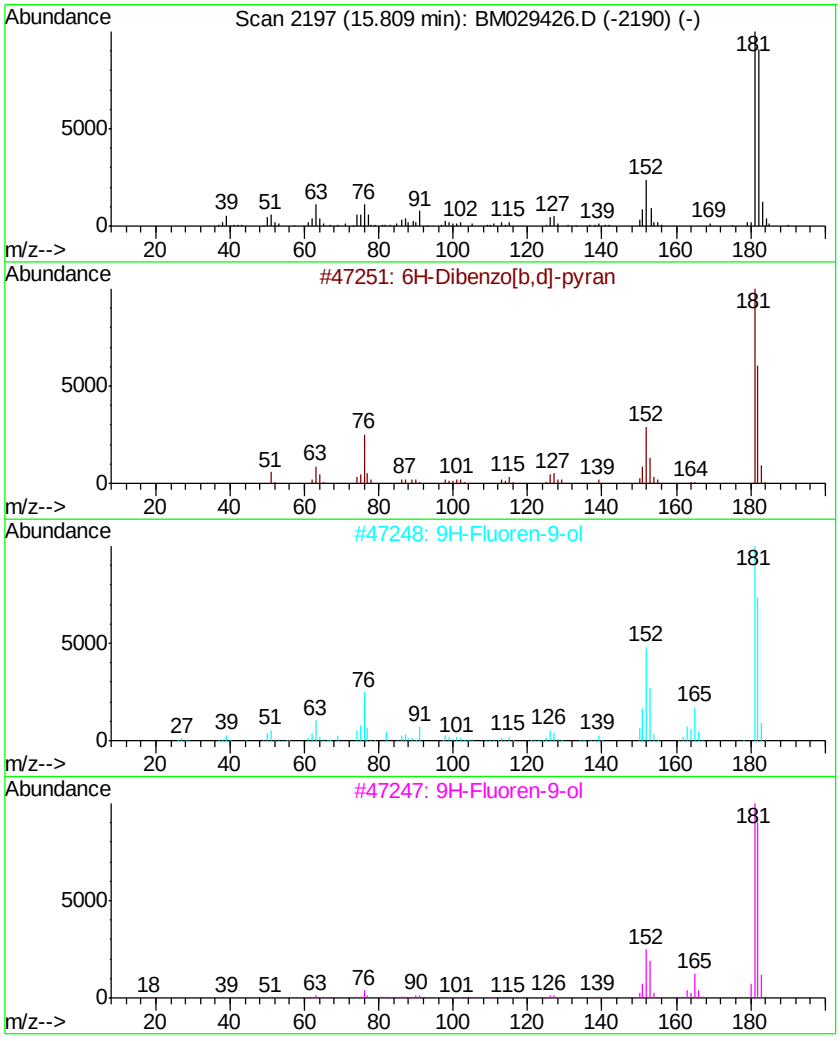
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

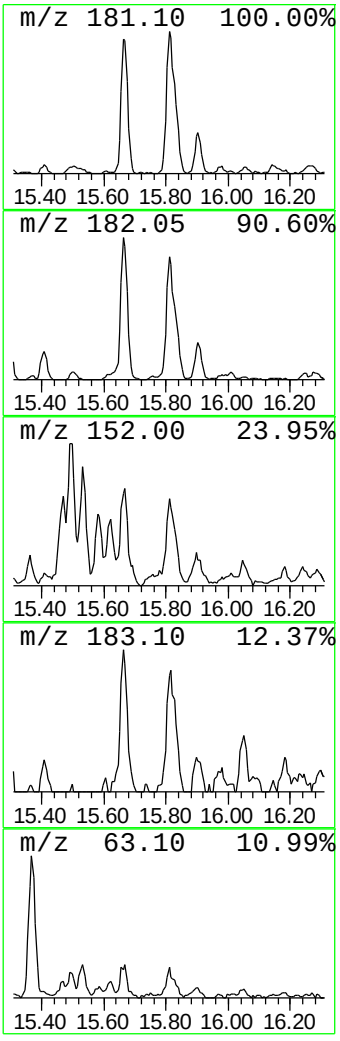
****

Peak Number 15 6H-Dibenzo[b,d]-pyran Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.86 ng/ul	241292	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

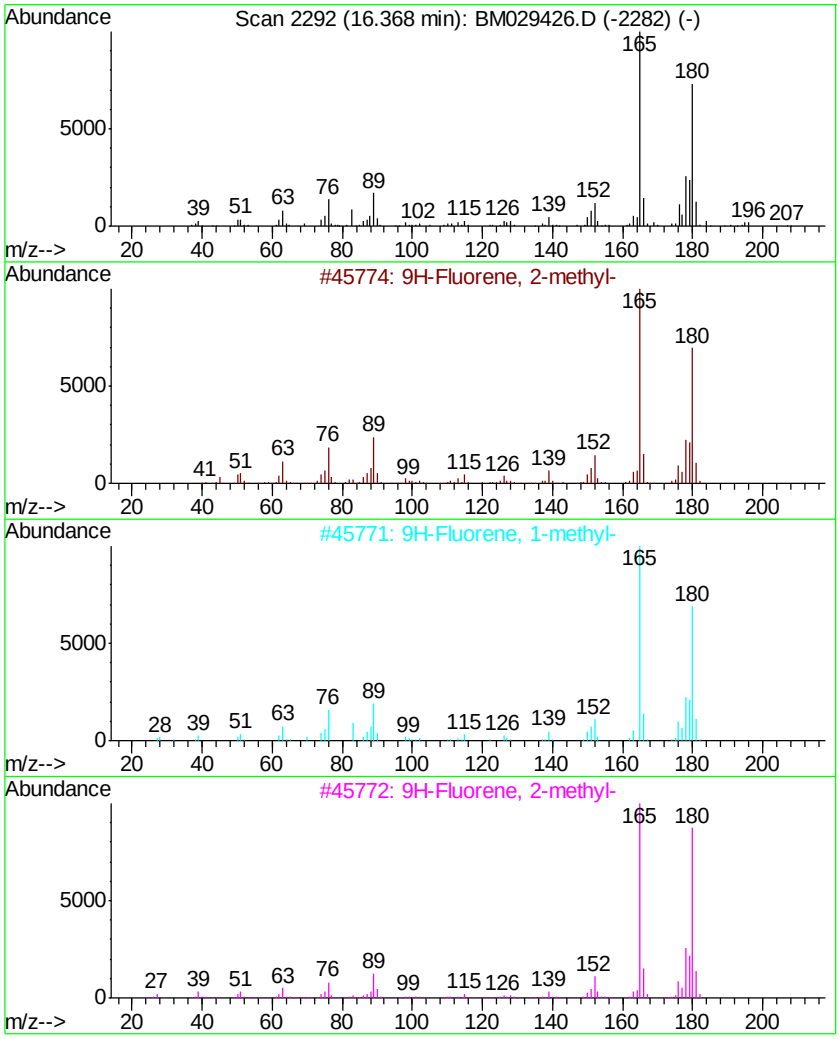
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

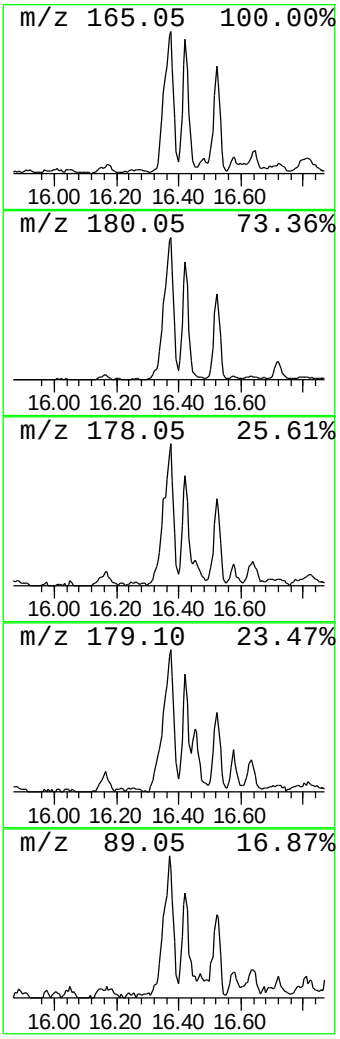
****

Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	10.03 ng/ul	497296	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

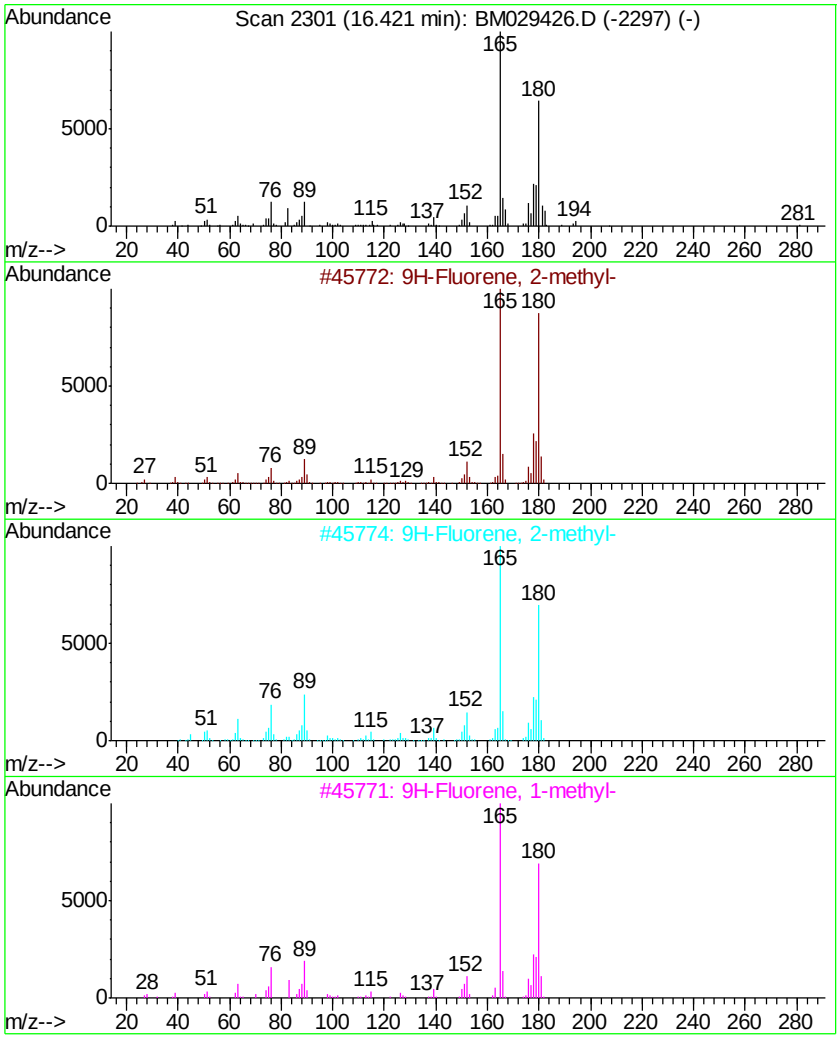
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

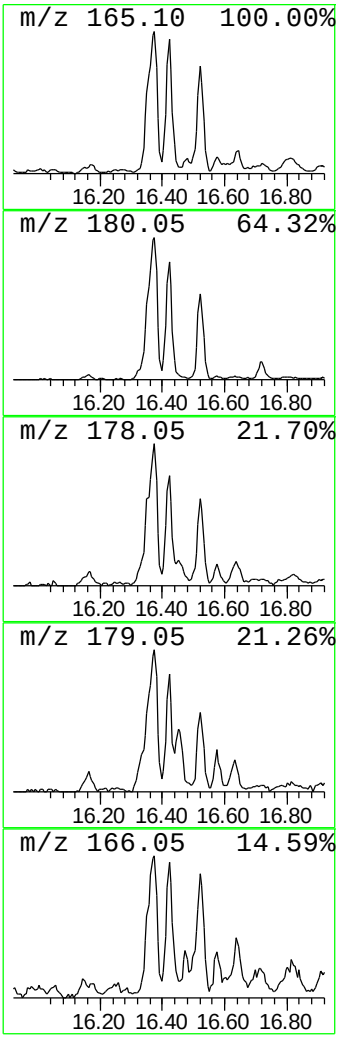
****

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	6.25 ng/ul	309976	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

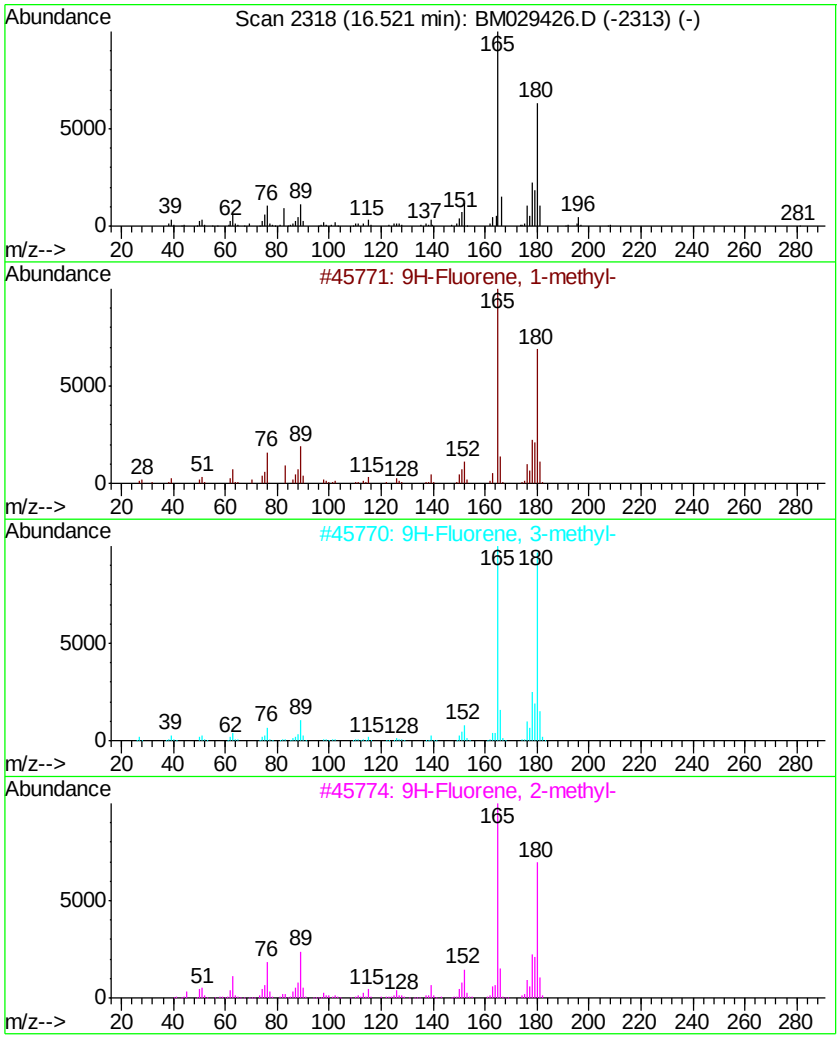
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

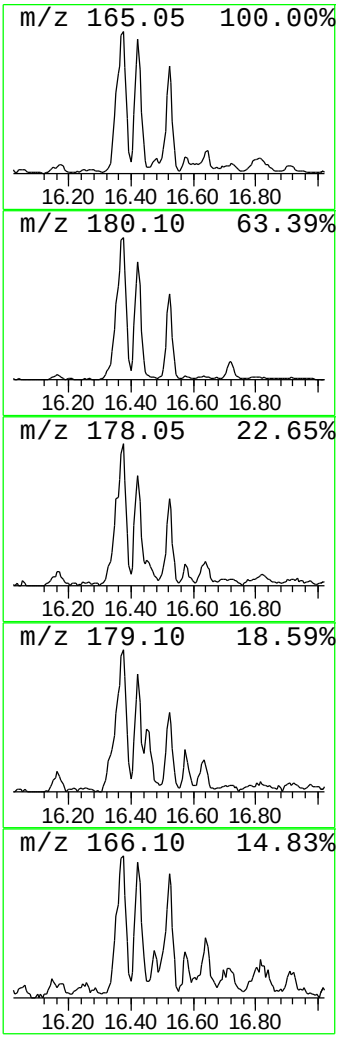
****

Peak Number 18 9H-Fluorene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	4.94 ng/ul	245232	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

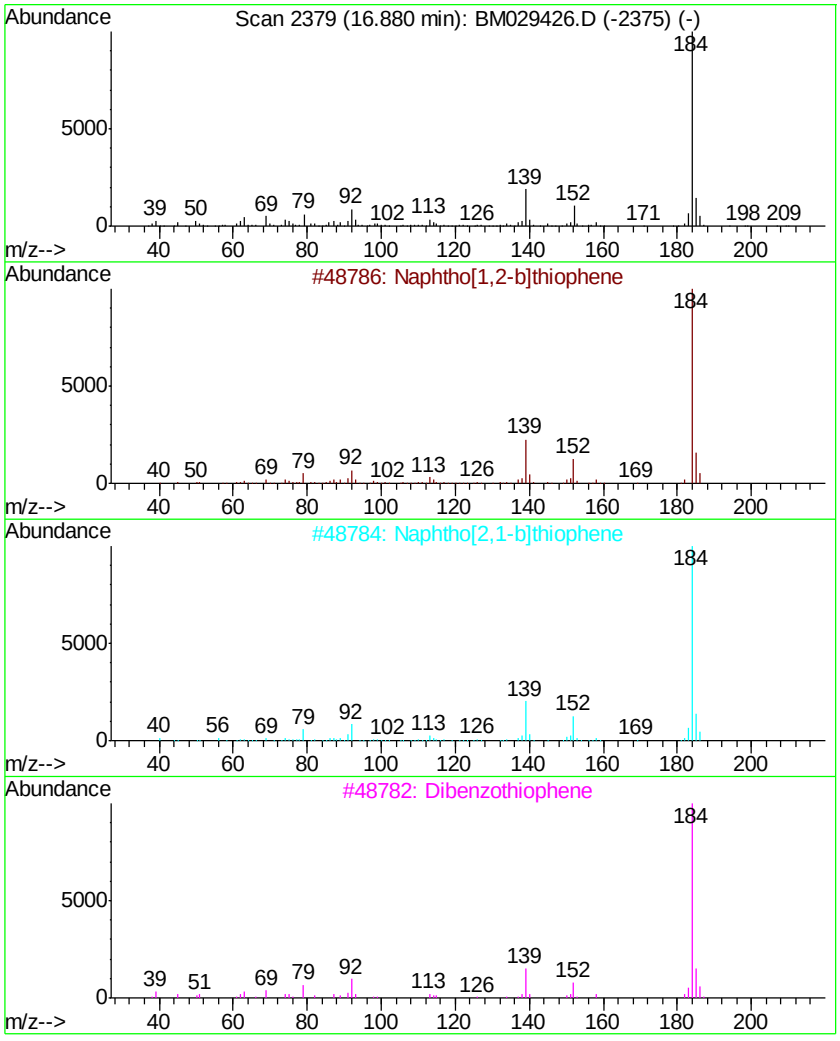
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

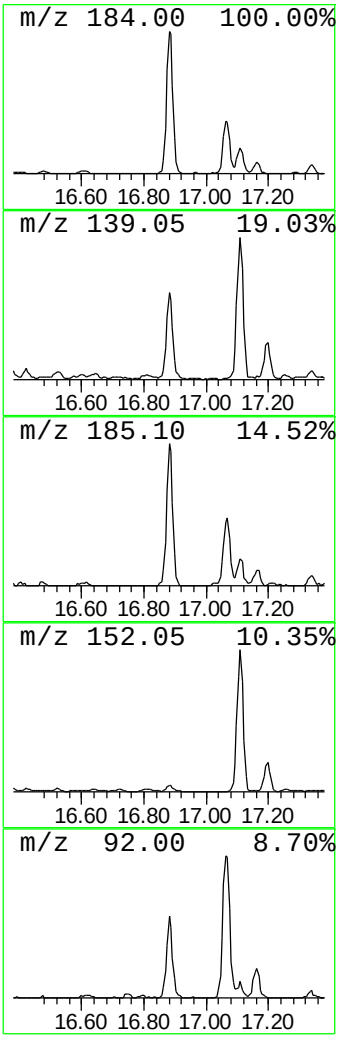
****

Peak Number 20 Naphtho[1,2-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	8.63 ng/ul	428126	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

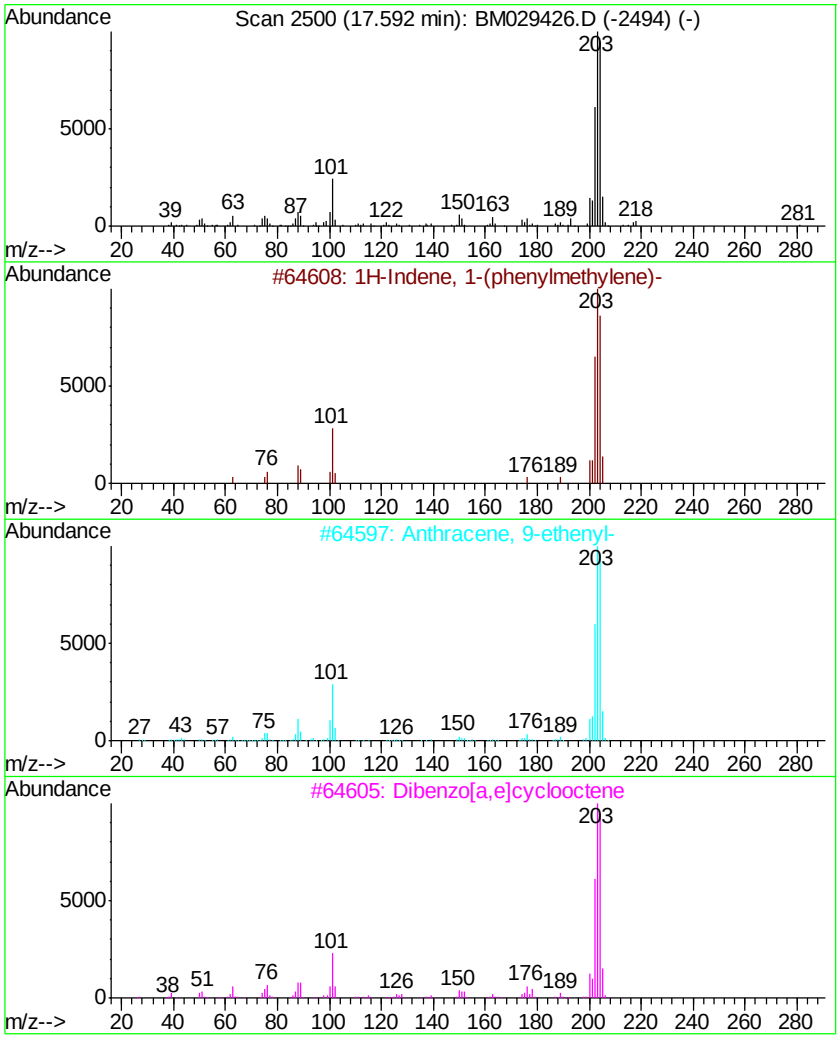
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

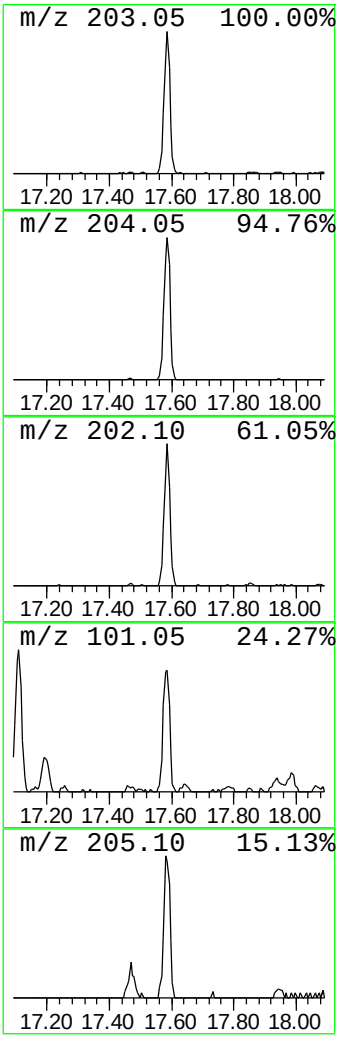
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 1-(phenylmethyle... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	4.10 ng/ul	203282	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	95
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

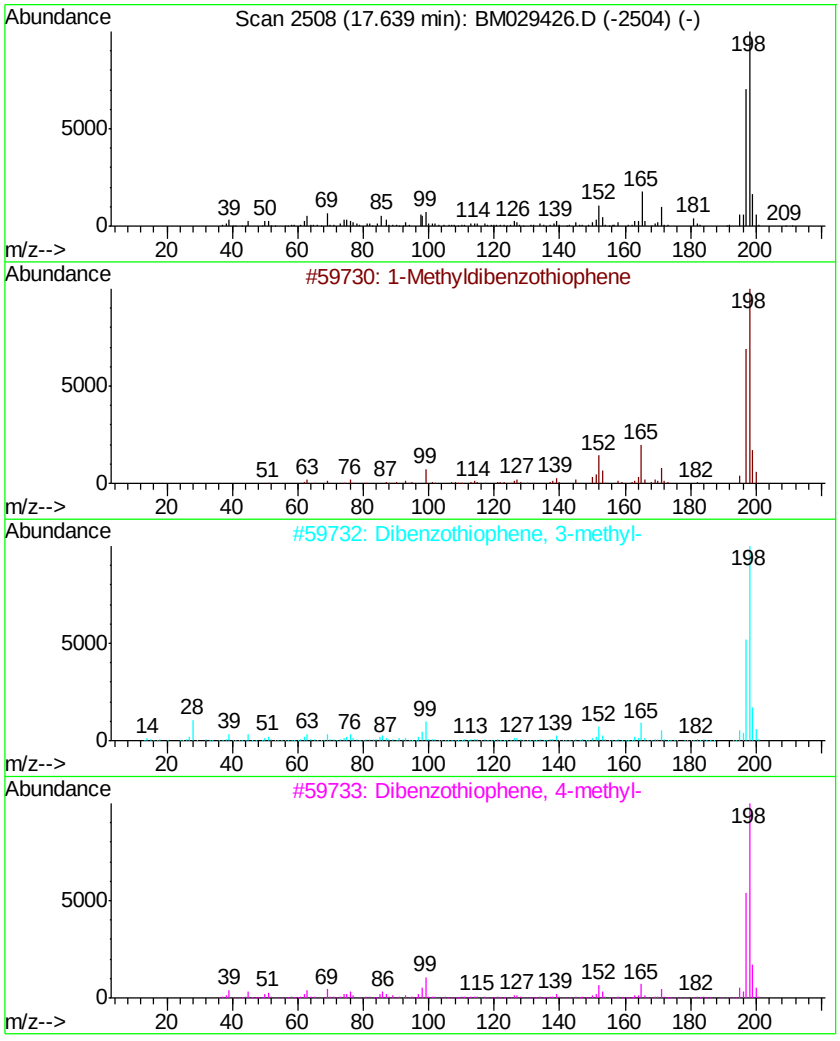
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

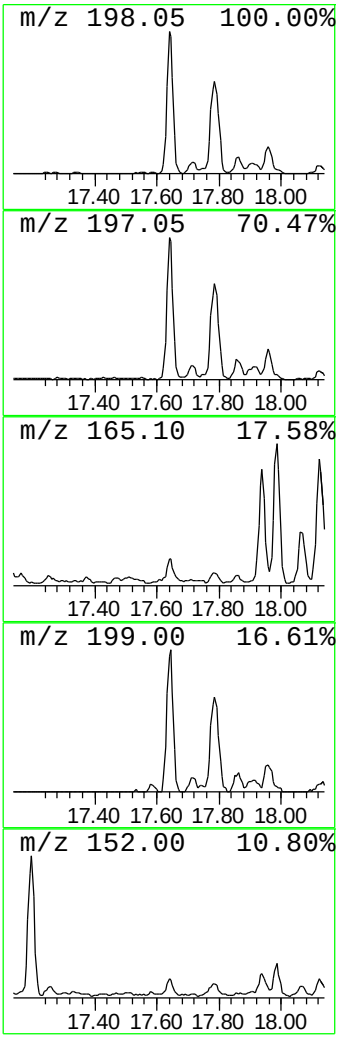
****

Peak Number 23 1-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	6.21 ng/ul	307920	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	81
5	Tacrine	198	C13H14N2	000321-64-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

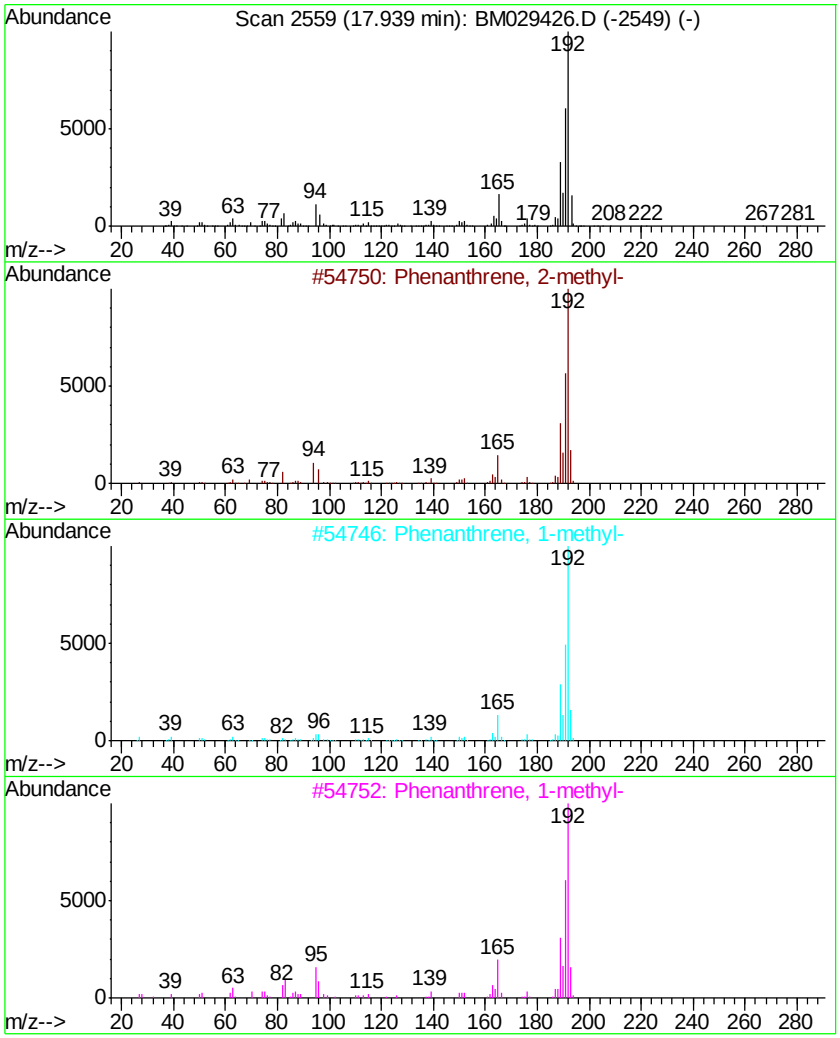
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

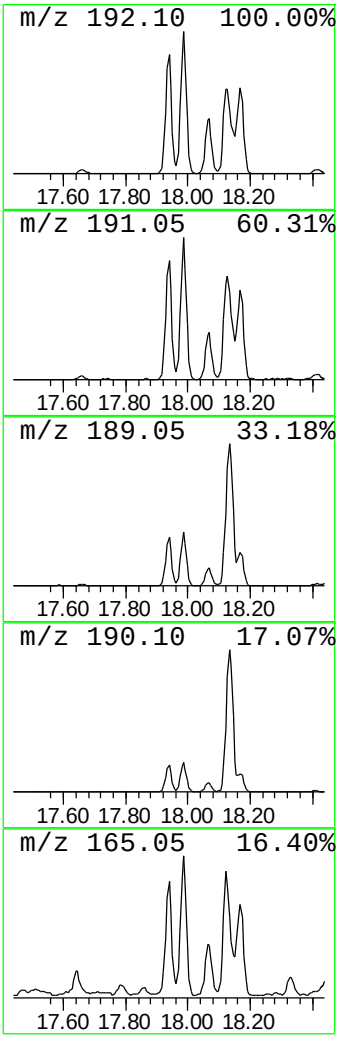
****

Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	27.81 ng/ul	1379480	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

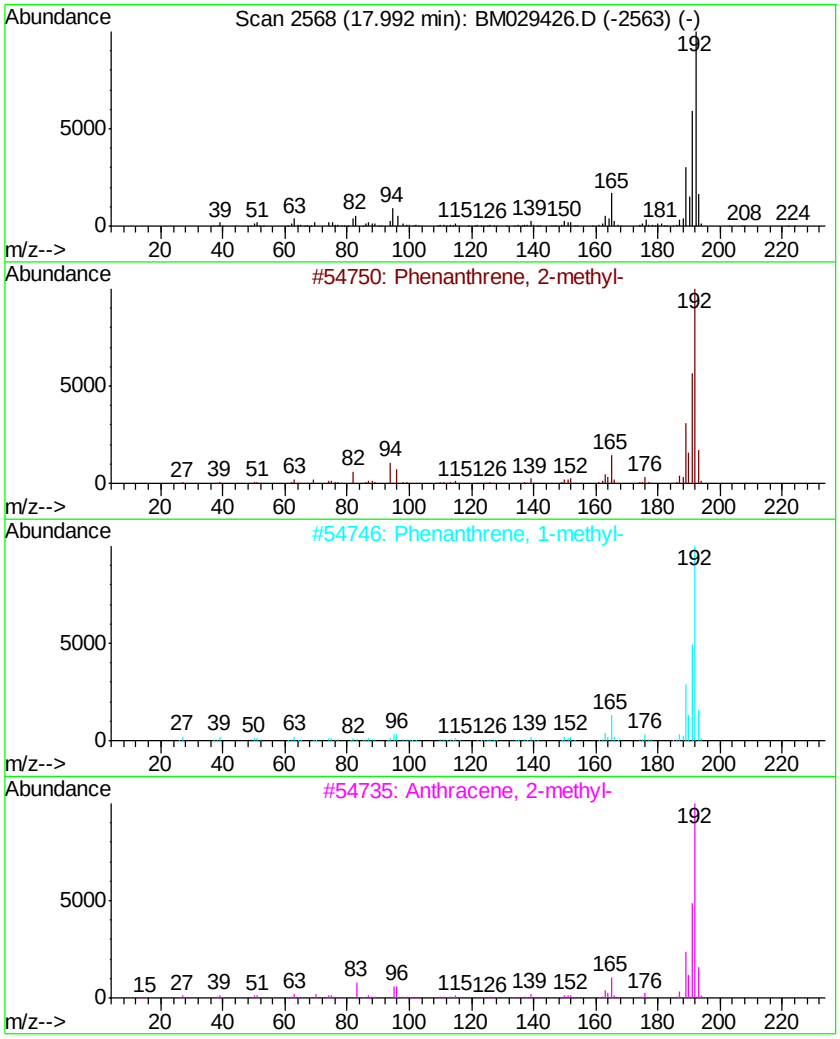
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

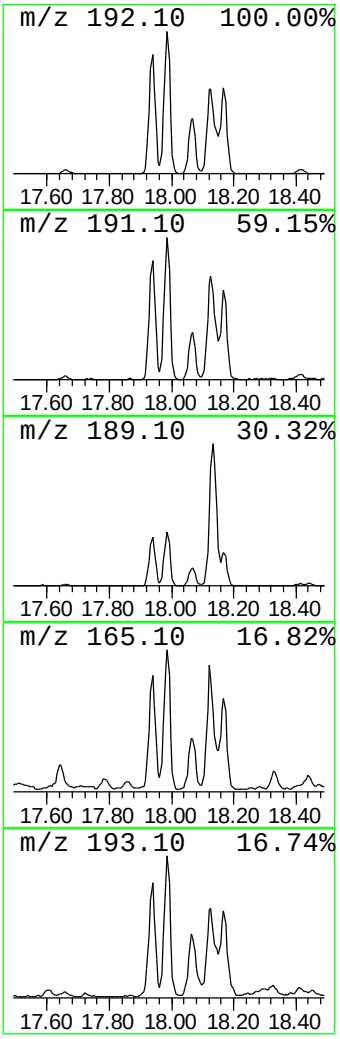
****

Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	31.23 ng/ul	1548800	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

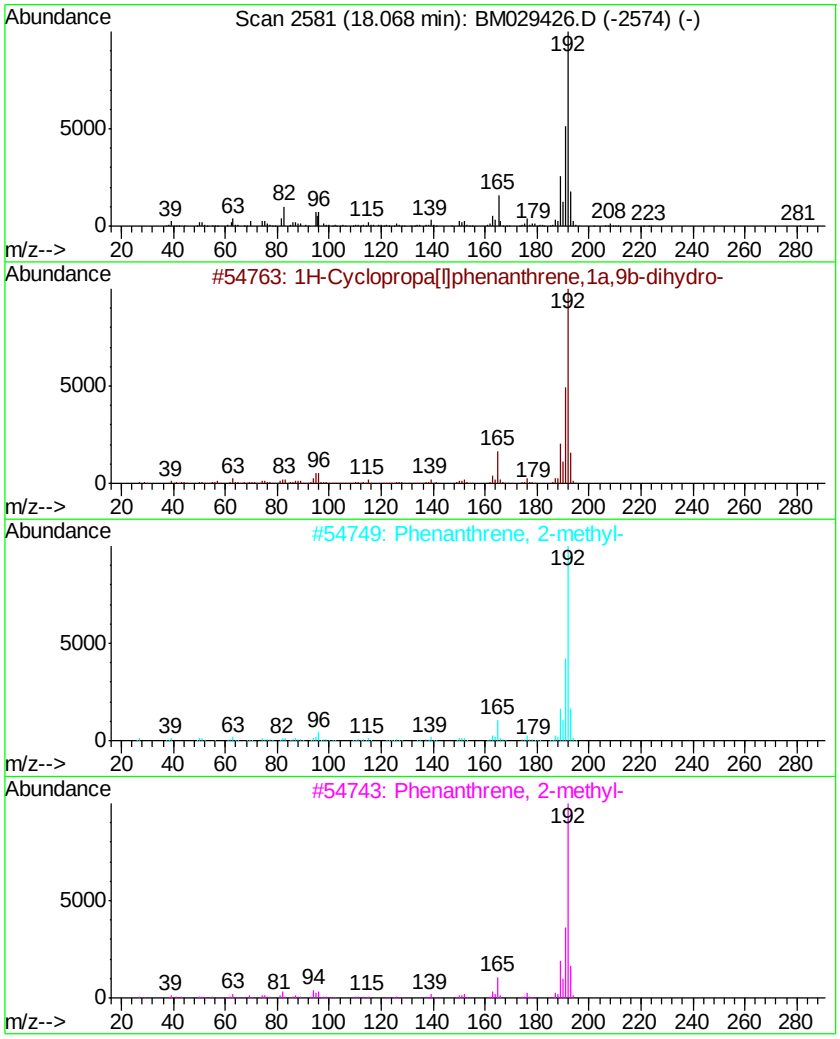
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

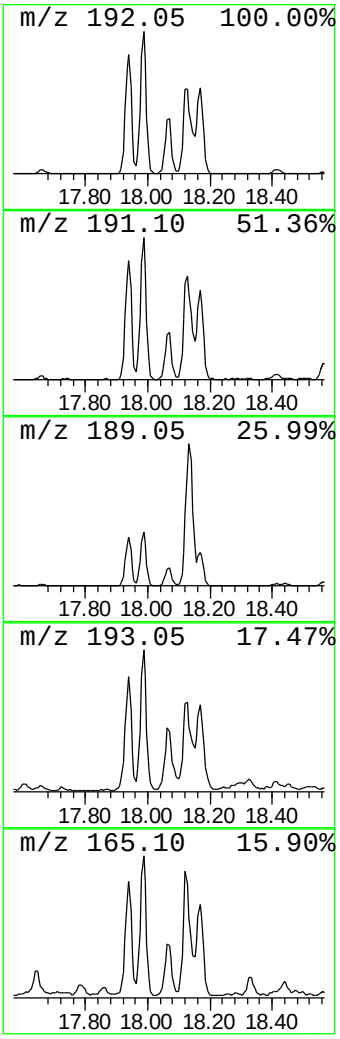
****

Peak Number 27 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	13.59 ng/ul	673856	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

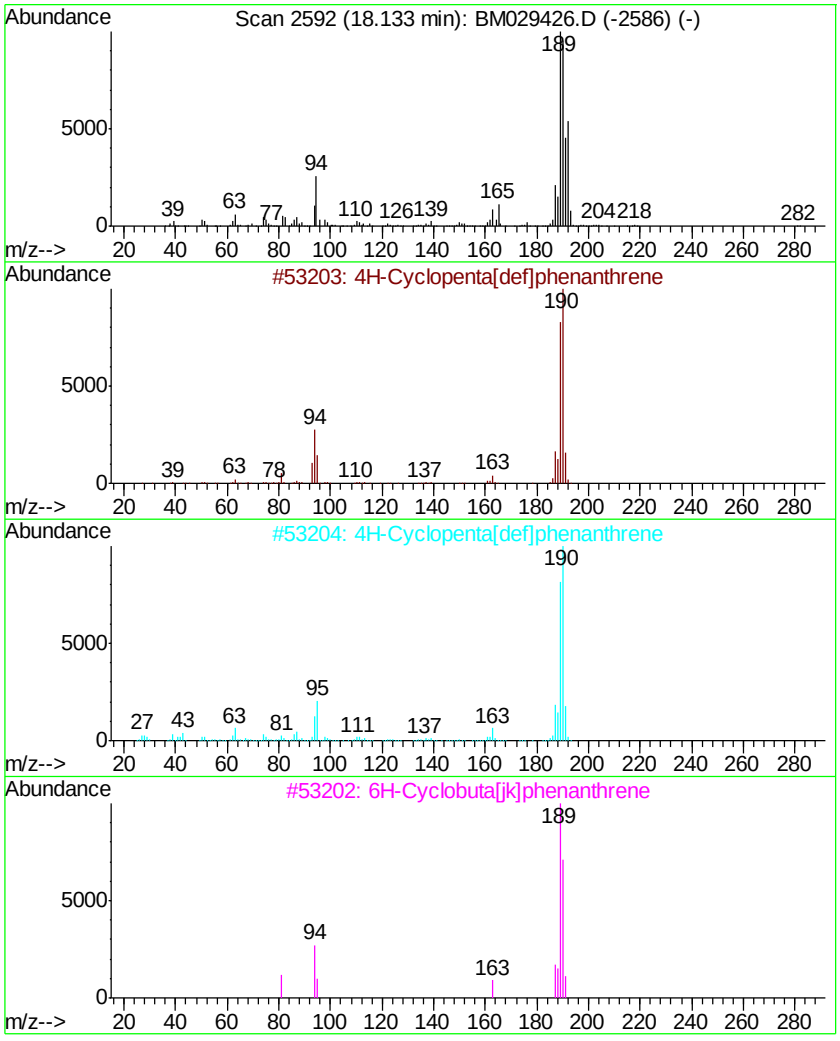
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

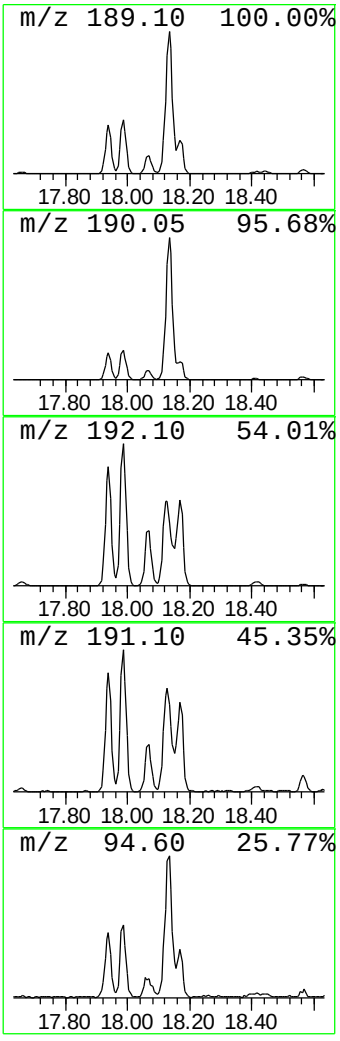
****

Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	48.67 ng/ul	2414120	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

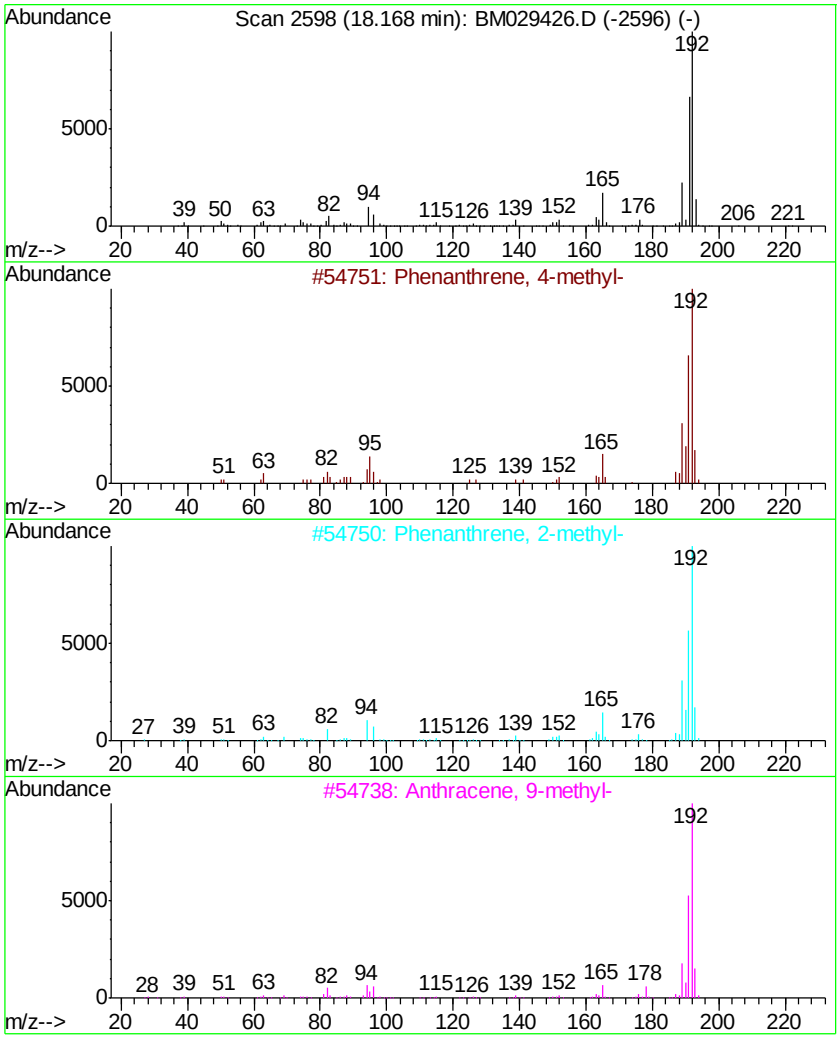
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

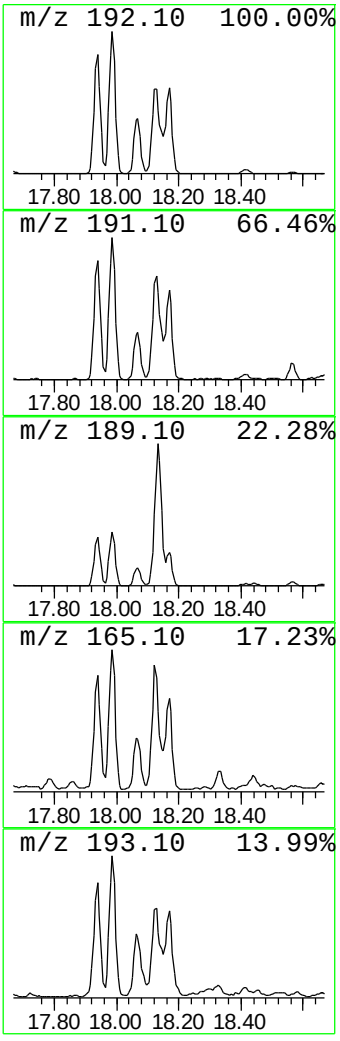
****

Peak Number 29 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	16.05 ng/ul	796076	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

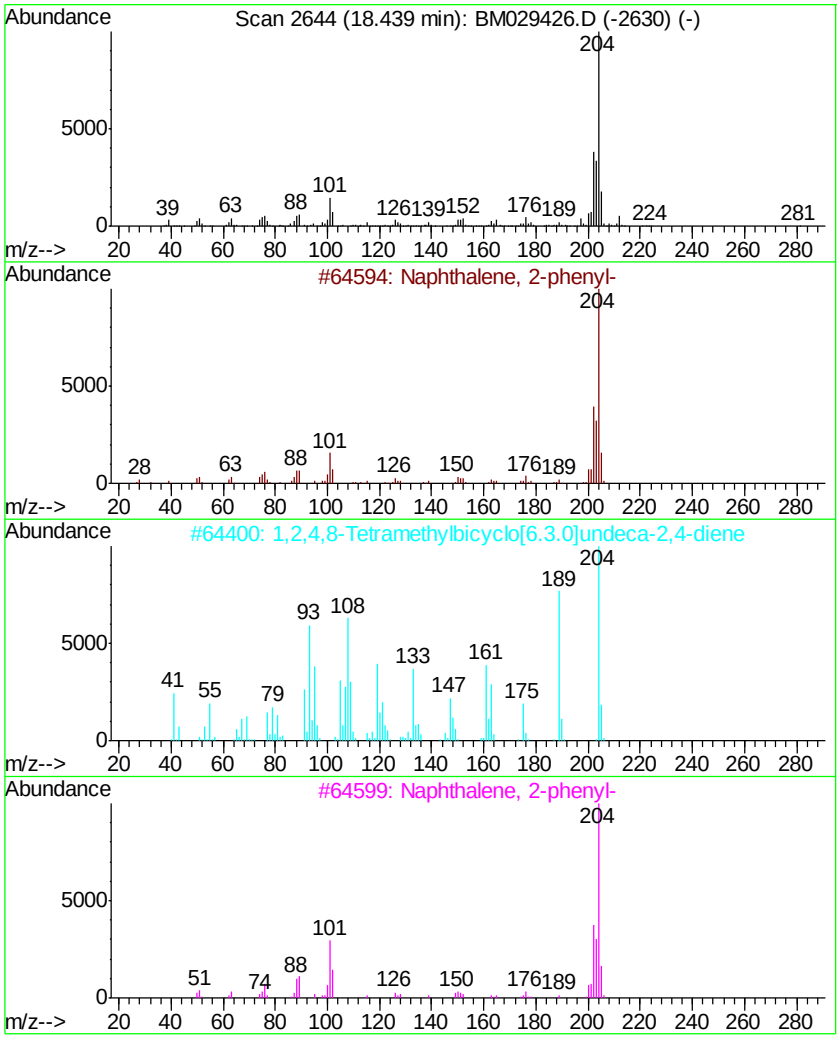
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

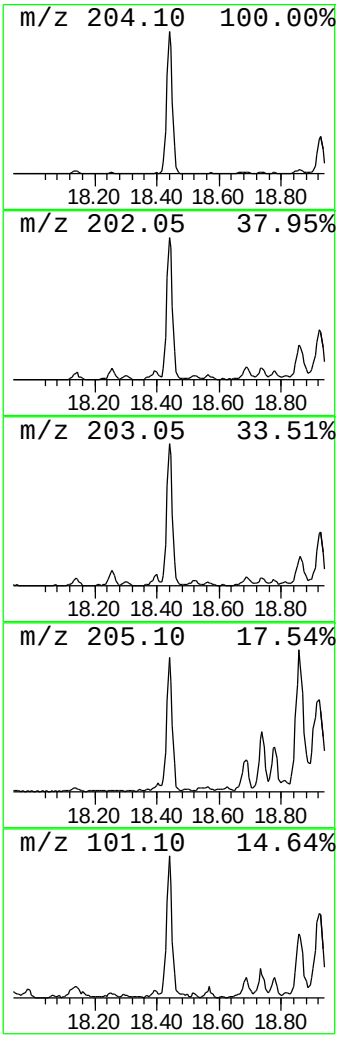
****

Peak Number 31 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	17.91 ng/ul	888151	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

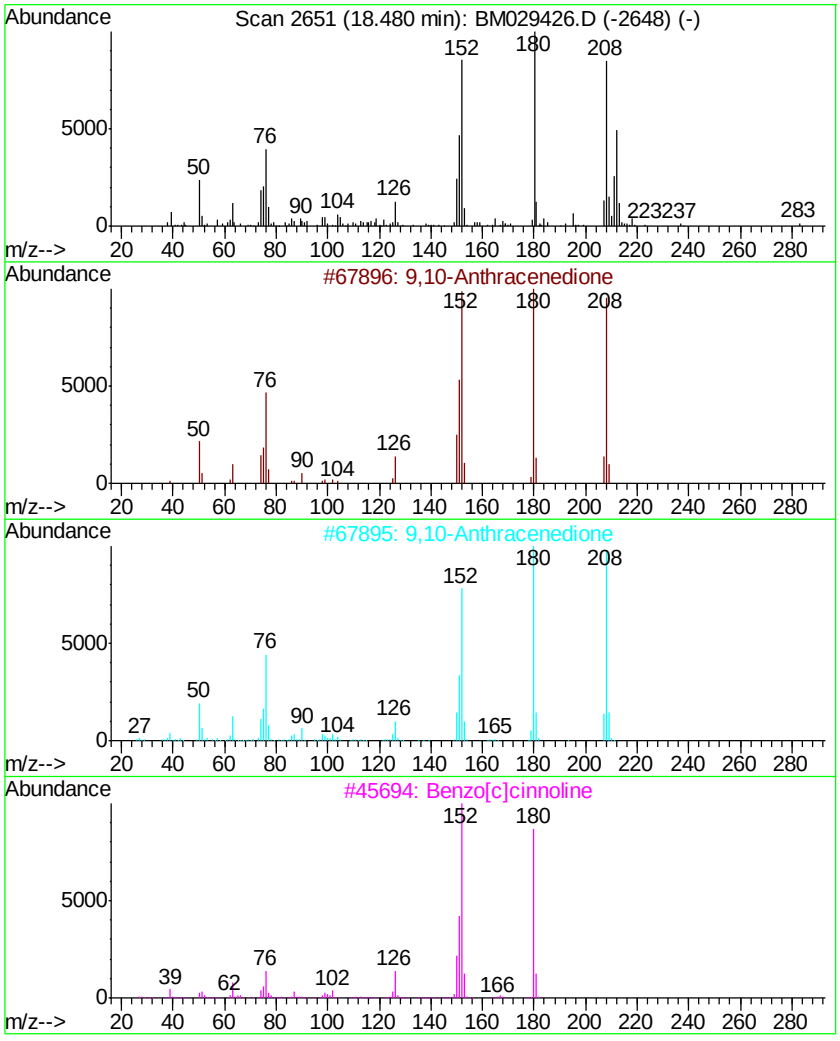
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

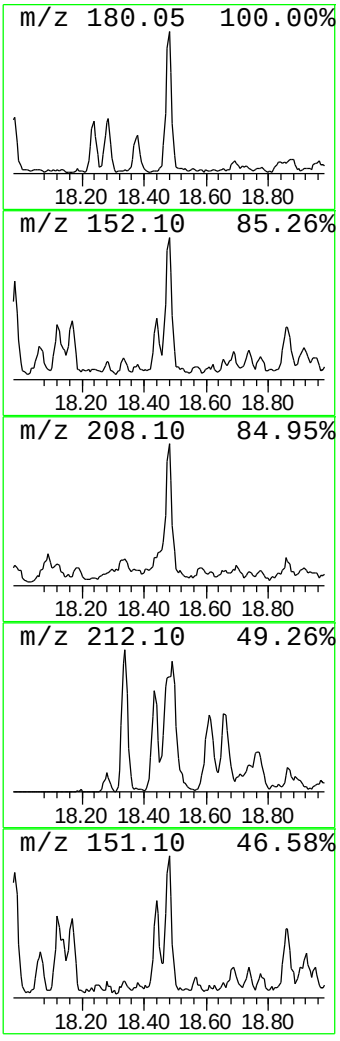
****

Peak Number 32 9,10-Anthracenedione Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.32 ng/ul	214219	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	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

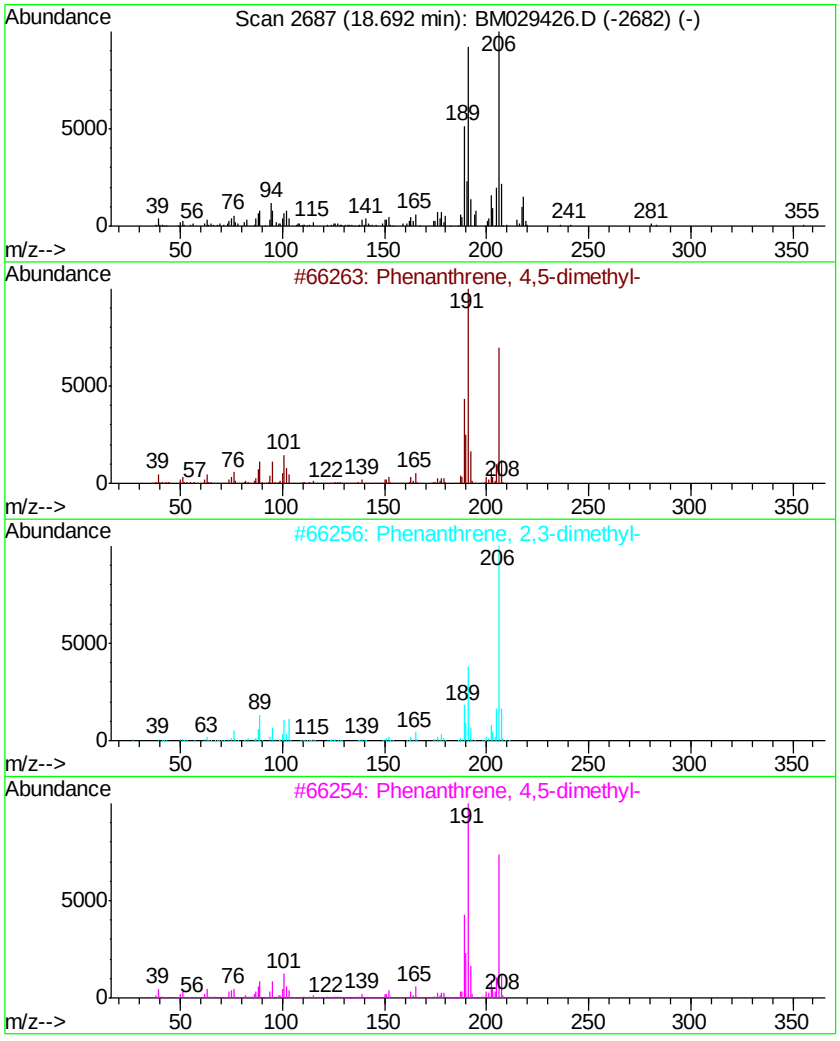
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

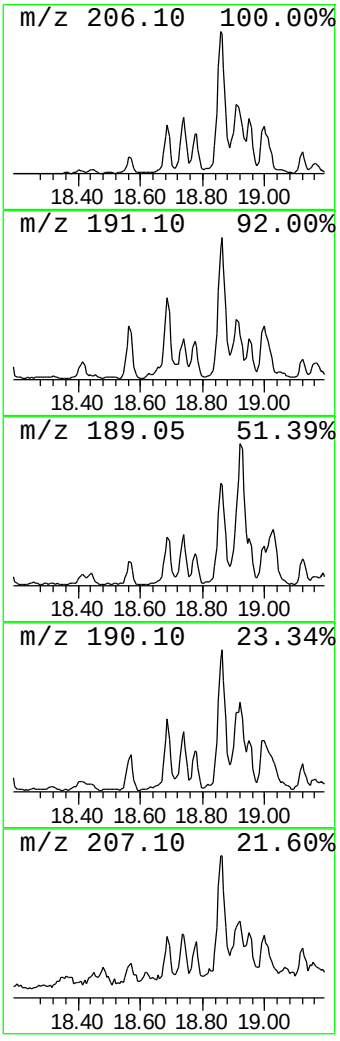
****

Peak Number 33 Phenanthrene, 4,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.74 ng/ul	235066	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

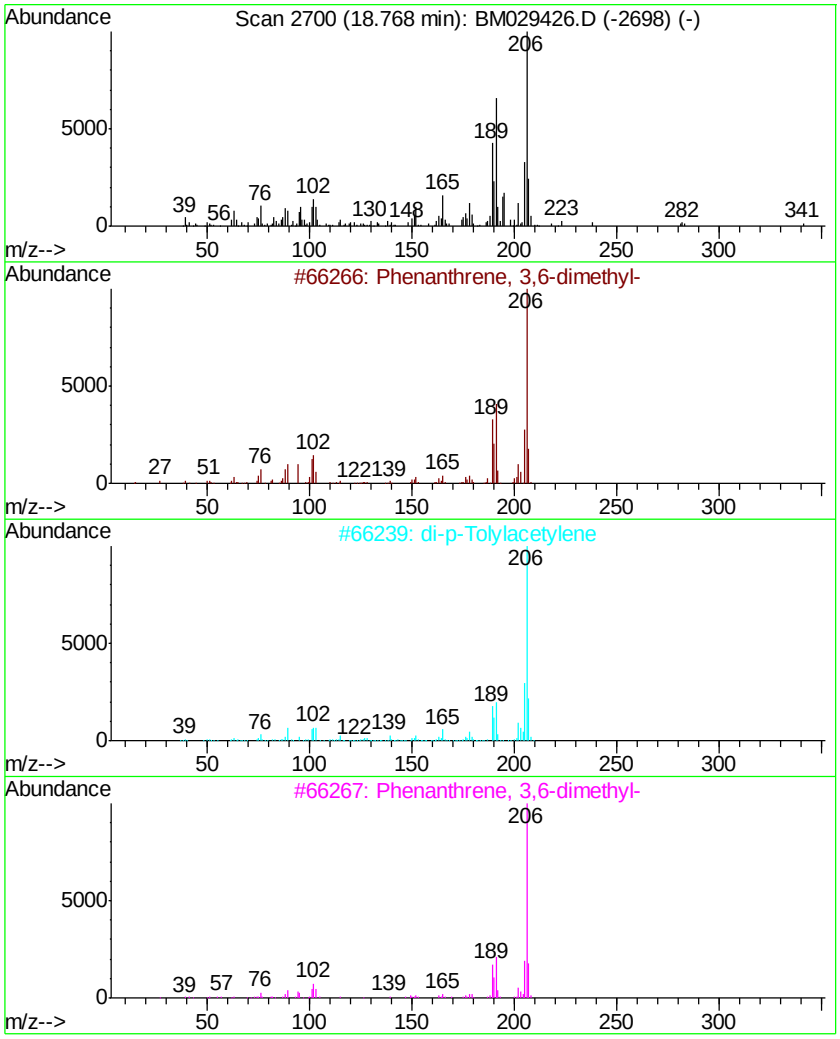
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

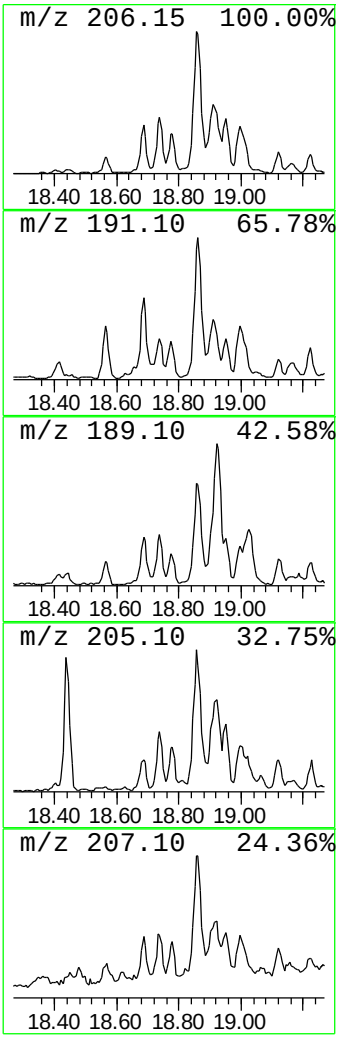
****

Peak Number 35 Phenanthrene, 3,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.81 ng/ul	189214	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

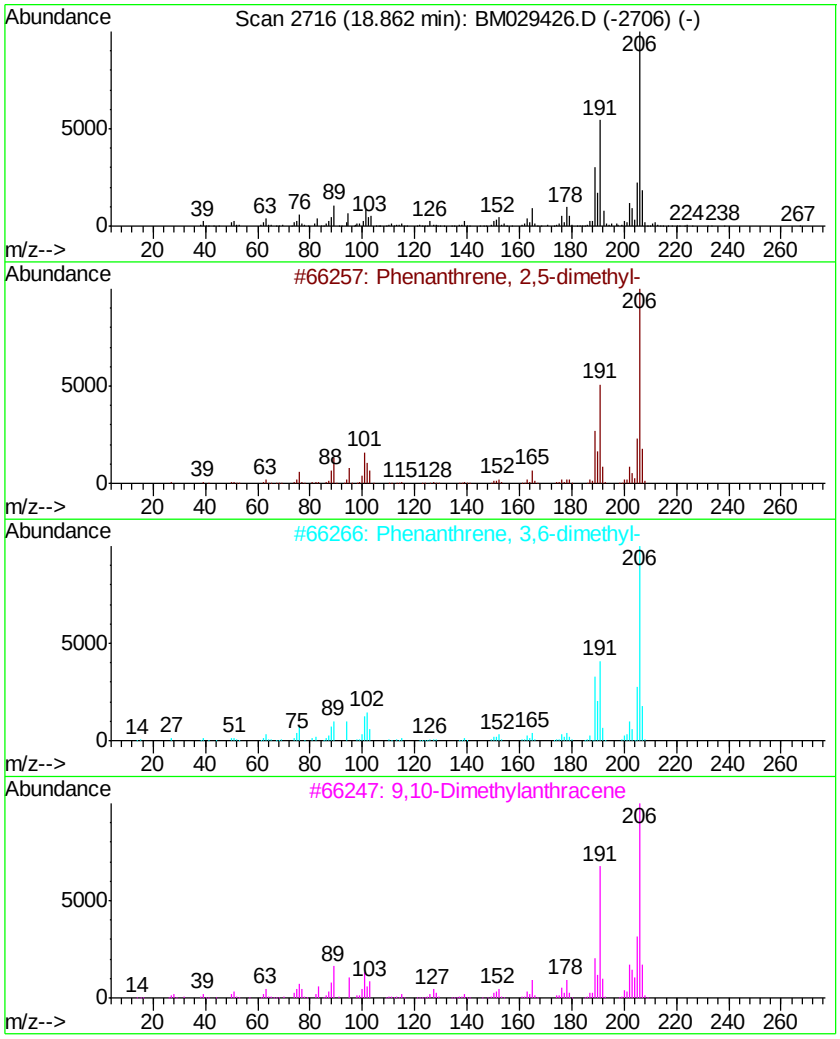
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

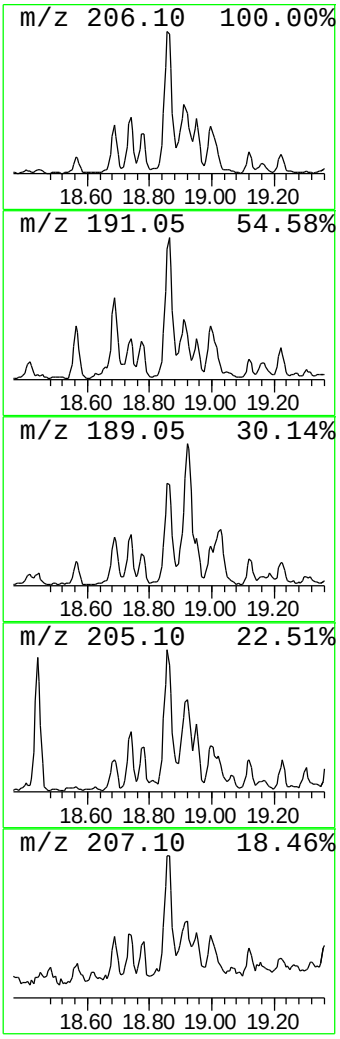
****

Peak Number 36 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	17.78 ng/ul	882038	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

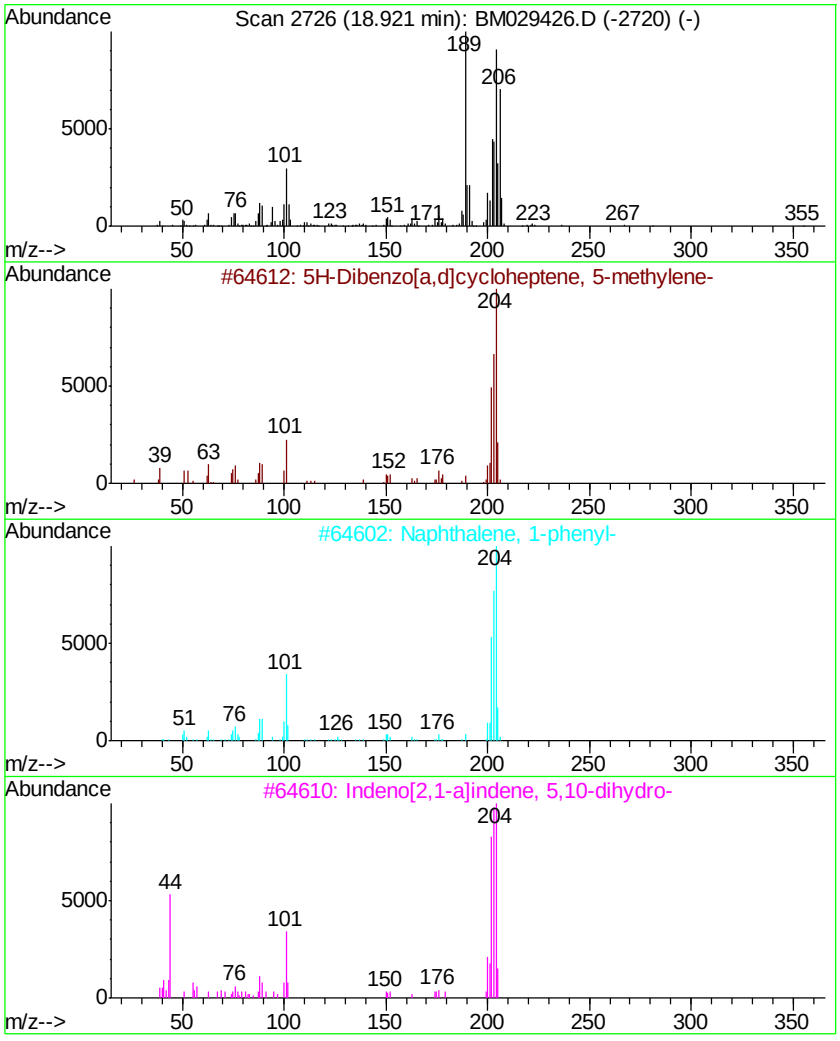
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

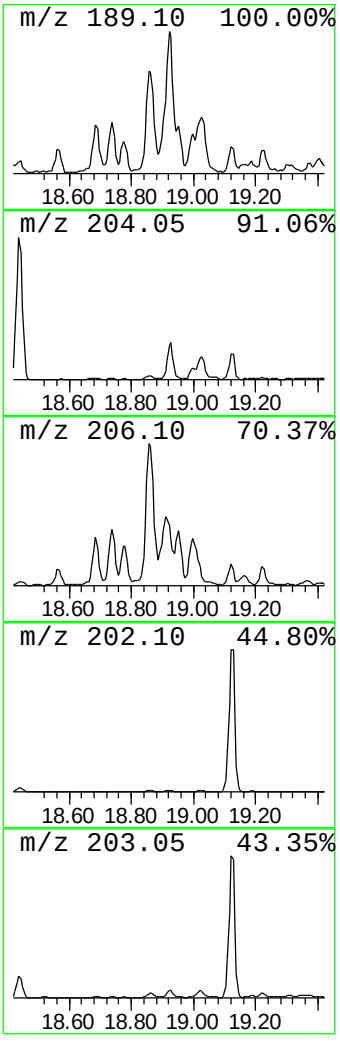
****

Peak Number 37 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	9.10 ng/ul	451512	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	48
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

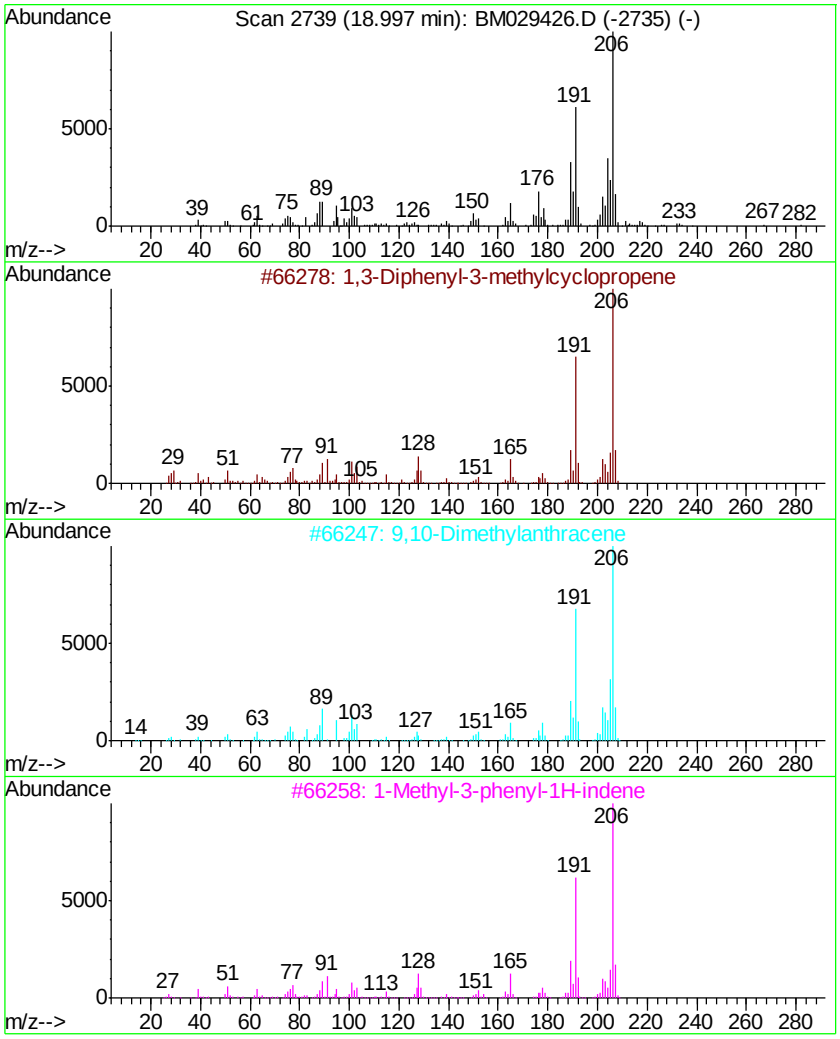
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

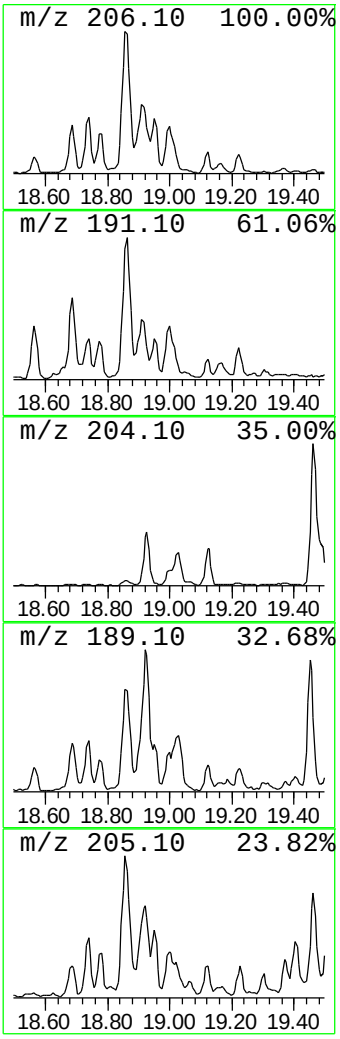
****

Peak Number 39 1,3-Diphenyl-3-methylcyclop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	6.54 ng/ul	324266	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

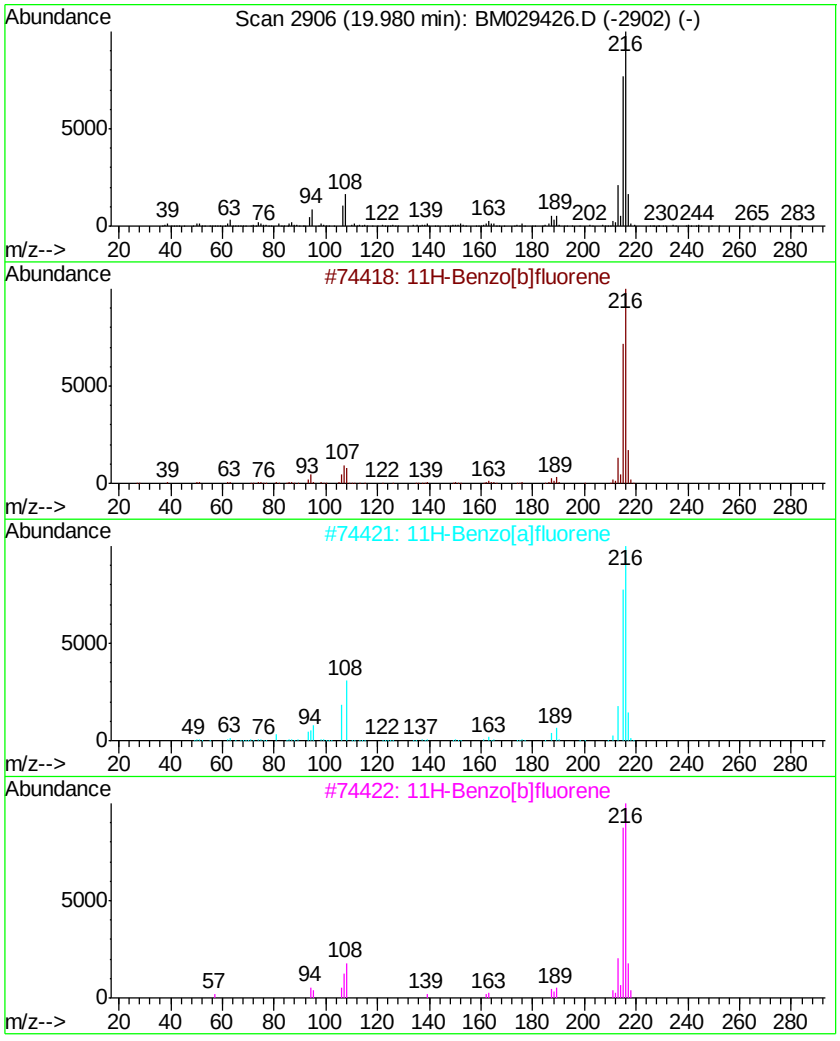
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

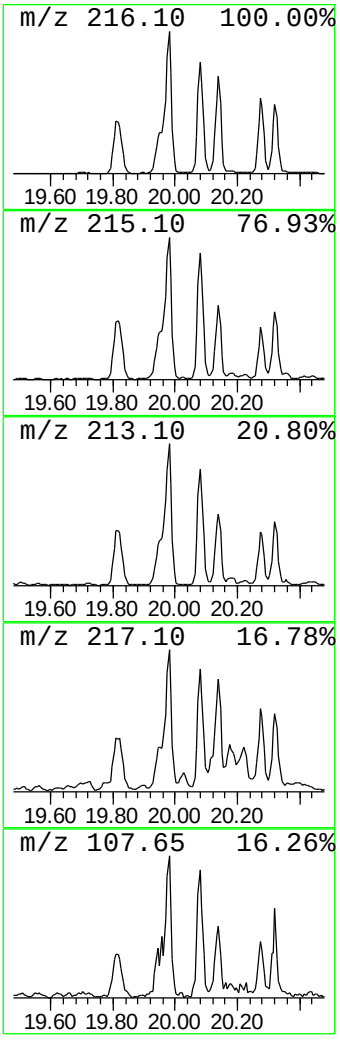
****

Peak Number 41 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	5.06 ng/ul	1090550	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

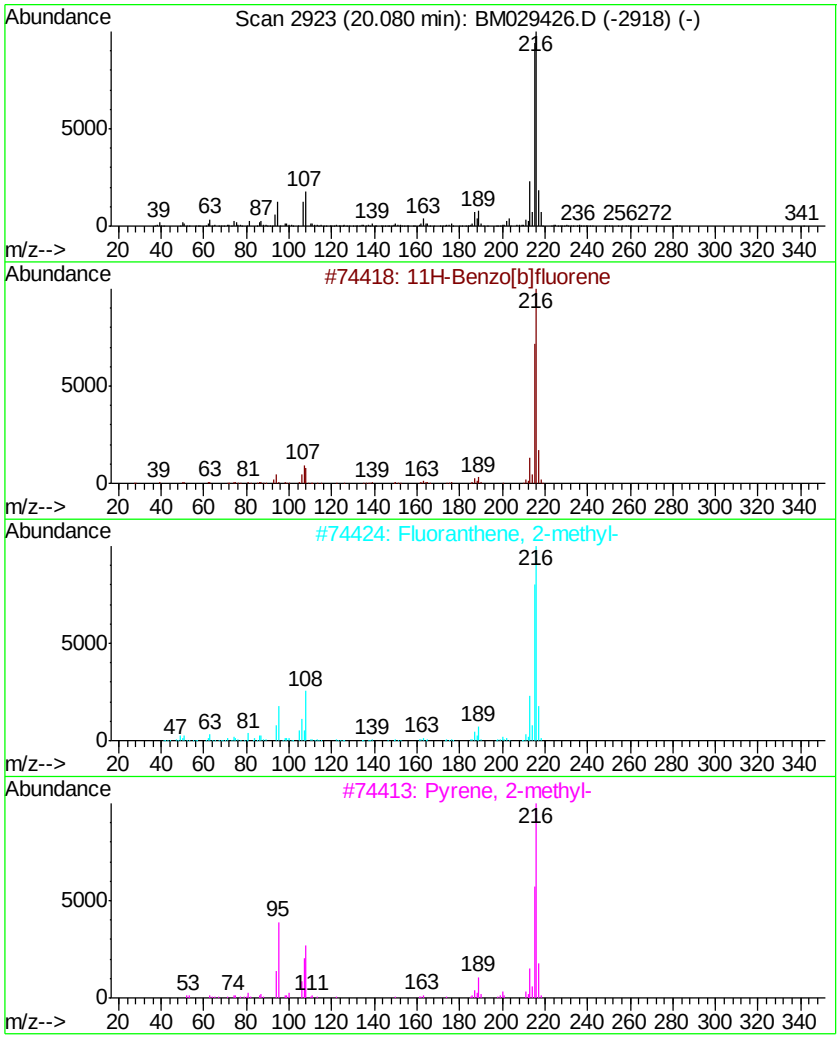
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

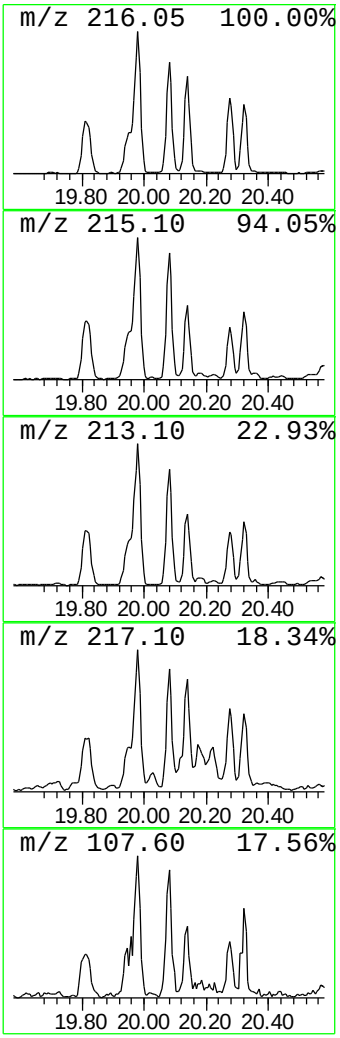
****

Peak Number 42 11H-Benzo[b]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	4.08 ng/ul	878773	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

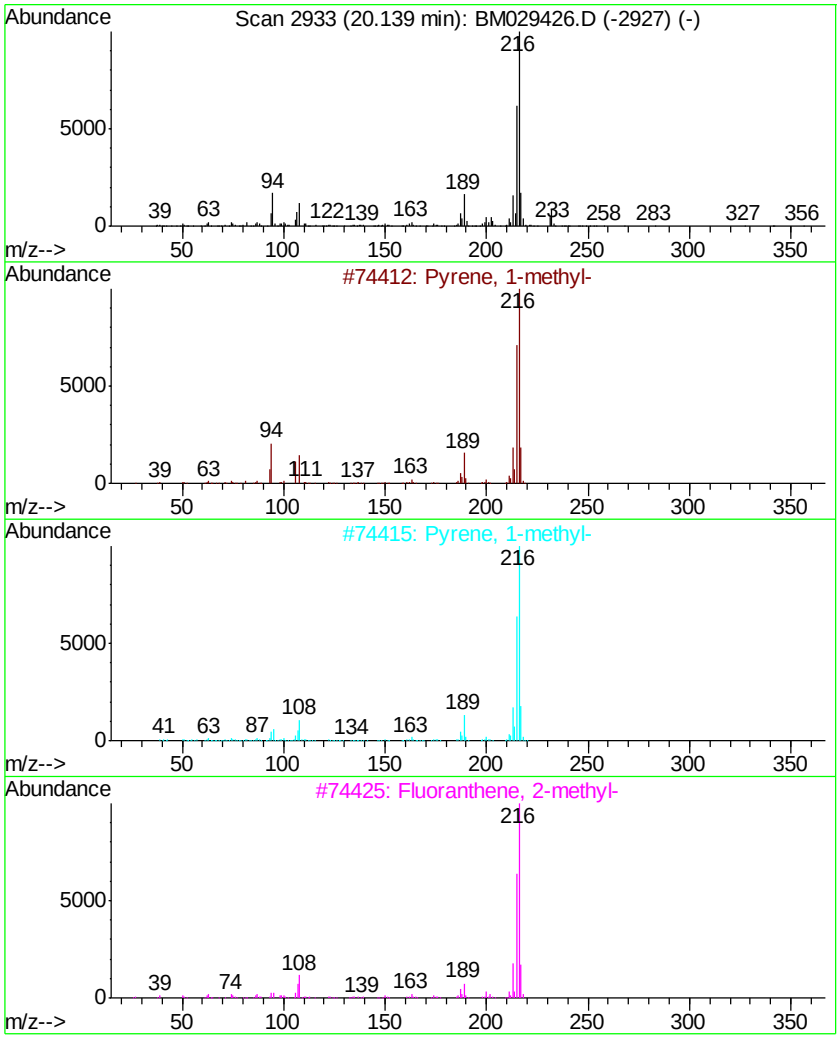
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

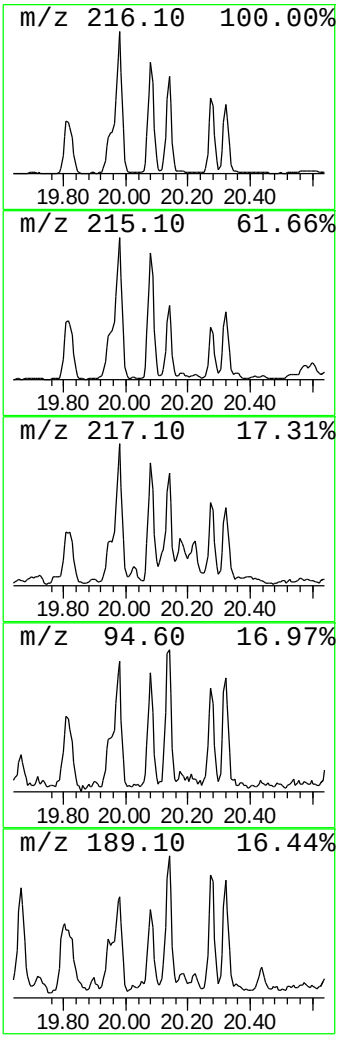
****

Peak Number 43 Pyrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	3.95 ng/ul	851486	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

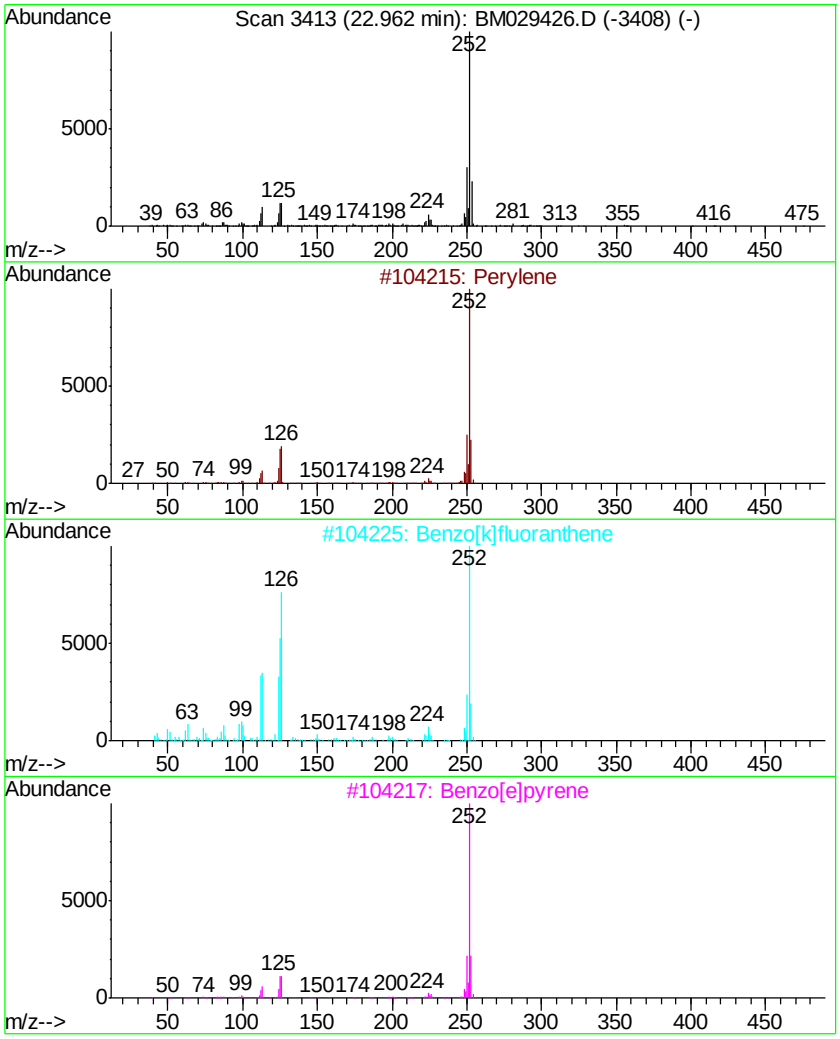
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

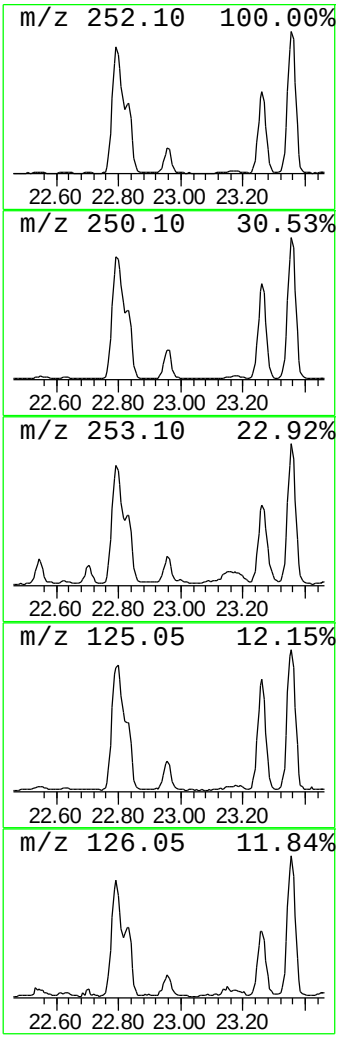
****

Peak Number 50 Perylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	6.71 ng/ul	401043	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

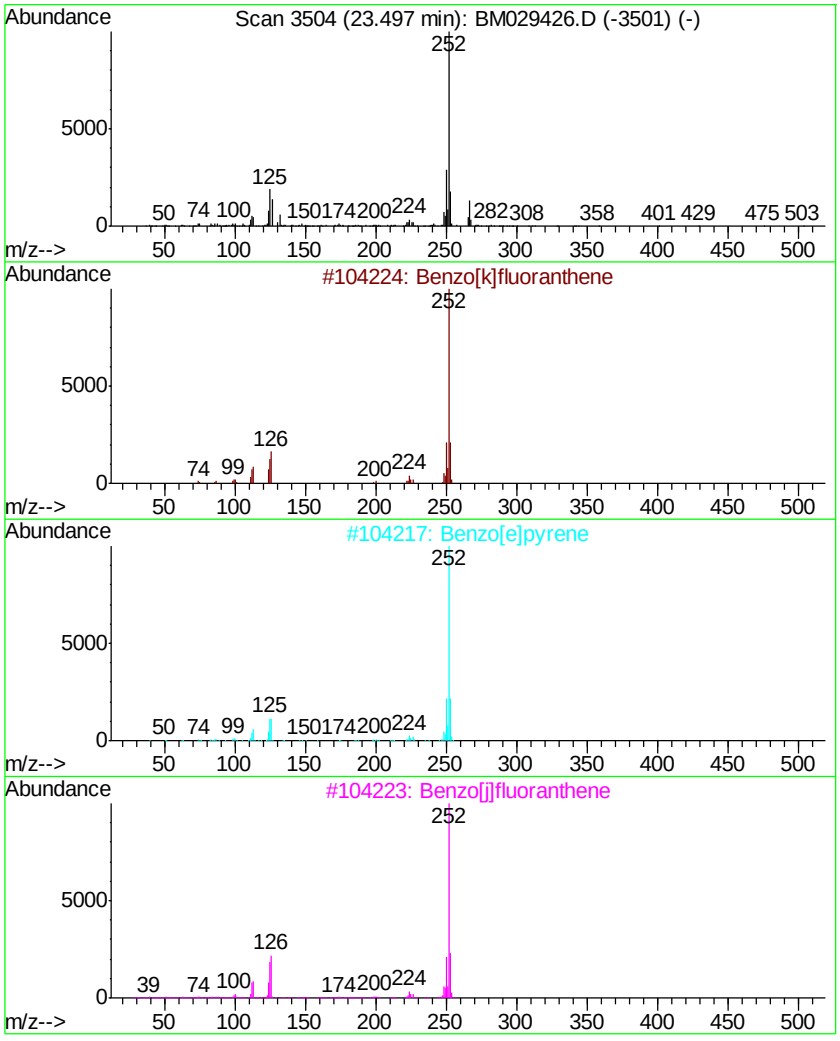
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

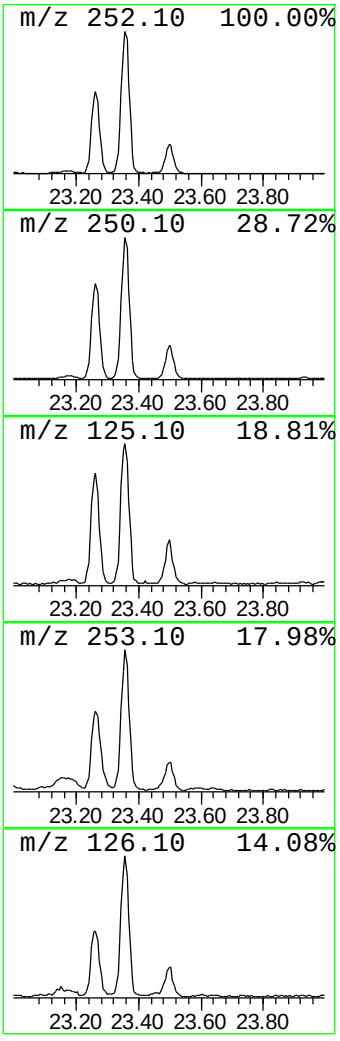
****

Peak Number 51 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	10.29 ng/ul	614492	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	92
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Perylene	252	C20H12	000198-55-0	86
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029426.D
Acq On : 09 Apr 2021 11:30
Operator : CG/JU
Sample : M1881-10 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.93	21.1	ng/ul	571906	1	7.69	542778	20.0
Naphthalene, 1-me...	12.36	10.7	ng/ul	386234	2	10.47	724021	20.0
Naphthalene, 1,6-...	13.50	5.0	ng/ul	245170	3	14.32	981030	20.0
Naphthalene, 2,3-...	13.64	8.7	ng/ul	427696	3	14.32	981030	20.0
Fluorene, 2,4a-di...	15.53	5.5	ng/ul	272108	3	14.32	981030	20.0
Dibenzofuran, 4-m...	15.66	4.9	ng/ul	241834	3	14.32	981030	20.0
6H-Dibenzo[b,d]-p...	15.81	4.9	ng/ul	241292	4	17.06	991959	20.0
9H-Fluorene, 1-me...	16.37	10.0	ng/ul	497296	4	17.06	991959	20.0
9H-Fluorene, 2-me...	16.42	6.3	ng/ul	309976	4	17.06	991959	20.0
9H-Fluorene, 3-me...	16.52	4.9	ng/ul	245232	4	17.06	991959	20.0
Naphtho[1,2-b]thi...	16.88	8.6	ng/ul	428126	4	17.06	991959	20.0
1H-Indene, 1-(phe...	17.59	4.1	ng/ul	203282	4	17.06	991959	20.0
1-Methyldibenzoth...	17.64	6.2	ng/ul	307920	4	17.06	991959	20.0
Phenanthrene, 2-m...	17.94	27.8	ng/ul	1379480	4	17.06	991959	20.0
Phenanthrene, 1-m...	17.99	31.2	ng/ul	1548800	4	17.06	991959	20.0
1H-Cyclopropa[l]p...	18.07	13.6	ng/ul	673856	4	17.06	991959	20.0
4H-Cyclopenta[def...	18.13	48.7	ng/ul	2414120	4	17.06	991959	20.0
Phenanthrene, 4-m...	18.17	16.1	ng/ul	796076	4	17.06	991959	20.0
Naphthalene, 2-ph...	18.44	17.9	ng/ul	888151	4	17.06	991959	20.0
9,10-Anthracenedione	18.48	4.3	ng/ul	214219	4	17.06	991959	20.0
Phenanthrene, 4,5...	18.69	4.7	ng/ul	235066	4	17.06	991959	20.0
Phenanthrene, 3,6...	18.77	3.8	ng/ul	189214	4	17.06	991959	20.0
Phenanthrene, 2,5...	18.86	17.8	ng/ul	882038	4	17.06	991959	20.0
5H-Dibenzo[a,d]cy...	18.92	9.1	ng/ul	451512	4	17.06	991959	20.0
1,3-Diphenyl-3-me...	19.00	6.5	ng/ul	324266	4	17.06	991959	20.0
11H-Benzo[a]fluorene	19.98	5.1	ng/ul	1090550	5	21.24	4307370	20.0
11H-Benzo[b]fluorene	20.08	4.1	ng/ul	878773	5	21.24	4307370	20.0
Pyrene, 1-methyl-	20.14	4.0	ng/ul	851486	5	21.24	4307370	20.0
Perylene	22.96	6.7	ng/ul	401043	6	23.45	1194830	20.0
Benzo[e]pyrene	23.50	10.3	ng/ul	614492	6	23.45	1194830	20.0