LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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	22	rVB	128708	174927	10.05%	0.940%
2	6.863	671	676	684	rVB4	7361	14405	0.83%	0.077%
3	7.222	732	737	744	rBV3	9951	15659	0.90%	0.084%
4	7.687	809	816	823	rBV	413777	654266	37.58%	3.517%
5	8.392	932	936	943	rBV2	7173	12333	0.71%	0.066%
6	8.845	1008	1013	1022	rVB4	6847	12453	0.72%	0.067%
7	10.469	1281	1289	1295	rBV	500830	864310	49.65%	4.646%
8	10.516	1295	1297	1306	rVV	16237	21876	1.26%	0.118%
9	12.133	1565	1572	1578	rBV2	28159	45759	2.63%	0.246%
10	12.351	1604	1609	1618	rVB	51389	85194	4.89%	0.458%
11	13.351	1775	1779	1782	rVV2	7613	12246	0.70%	0.066%
12	13.480	1795	1801	1802	rBV	18952	21421	1.23%	0.115%
13	13.645	1822	1829	1834	rBV	54099	91387	5.25%	0.491%
14	13.698	1834	1838	1841	rVV2	23596	33246	1.91%	0.179%
15	13.733	1841	1844	1851	rVB	17722	24558	1.41%	0.132%
16	13.880	1863	1869	1873	rBV	29441	48792	2.80%	0.262%
17	14.016	1885	1892	1894	rVV	21500	30694	1.76%	0.165%
18	14.045	1894	1897	1903	rVB2	22650	33117	1.90%	0.178%
19	14.321	1933	1944	1950	rBV	711621	1028339	59.07%	5.527%
20	14.386	1950	1955	1964	rVV	77759	127300	7.31%	0.684%
21	14.533	1974	1980	1988	rBV3	9625	22087	1.27%	0.119%
22	14.633	1990	1997	2002	rVV3	12044	21214	1.22%	0.114%
23	14.721	2007	2012	2019	rVB2	44120	67467	3.88%	0.363%
24	14.798	2019	2025	2030	rBV	20638	28883	1.66%	0.155%
25	14.945	2043	2050	2055	rBV2	18130	32455	1.86%	0.174%
26	14.998	2055	2059	2063	rVB4	14147	20275	1.16%	0.109%
27	15.116	2072	2079	2082	rBV4	12788	23996	1.38%	0.129%
28	15.316	2109	2113	2117	rVV3	30478	46246	2.66%	0.249%
29	15.368	2117	2122	2127	rVV	140919	201457	11.57%	1.083%
30	15.468	2135	2139	2141	rVV2	16788	25076	1.44%	0.135%
31	15.498	2141	2144	2147	rVV2	28274	42524	2.44%	0.229%
32	15.533	2147	2150	2155	rVV4	35719	51367	2.95%	0.276%
33	15.586	2155	2159	2161	rVV4	13665	20069	1.15%	0.108%
34	15.621	2161	2165	2168	rVV	16573	24723	1.42%	0.133%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
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Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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	15.663	2168	2172	2182	rVB2	24667	44549	2.56%	0.239%
36	15.815	2192	2198	2205	rVB2	20500	46059	2.65%	0.248%
37	16.045	2234	2237	2245	rVB6	10297	15021	0.86%	0.081%
38	16.374	2282	2293	2297	rBV3	46383	99677	5.73%	0.536%
39	16.421	2297	2301	2307	rVB	36120	47914	2.75%	0.258%
40	16.521	2313	2318	2323	rVB2	31968	52013	2.99%	0.280%
41	16.574	2323	2327	2330	rBV3	12298	17723	1.02%	0.095%
42	16.639	2334	2338	2342	rVB4	17738	26356	1.51%	0.142%
43	16.721	2346	2352	2358	rVB6	9984	22364	1.28%	0.120%
44	16.804	2360	2366	2367	rBV3	13911	21085	1.21%	0.113%
45	16.880	2375	2379	2388	rVB	54656	85749	4.93%	0.461%
46	17.062	2404	2410	2414	rBV	730448	1111758	63.87%	5.976%
47	17.104	2414	2417	2423	rVV	1011404	1332471	76.54%	7.162%
48	17.162	2423	2427	2428	rVV	40650	48617	2.79%	0.261%
49	17.198	2428	2433	2438	rVV	229967	336153	19.31%	1.807%
50	17.257	2438	2443	2448	rVB3	19918	34685	1.99%	0.186%
51	17.468	2474	2479	2482	rBV	22402	33360	1.92%	0.179%
52	17.586	2494	2499	2504	rBV	32124	44599	2.56%	0.240%
53	17.645	2504	2509	2514	rVV2	38884	60483	3.47%	0.325%
54	17.786	2528	2533	2539	rBV	24921	45775	2.63%	0.246%
55	17.939	2550	2559	2563	rBV	190534	296160	17.01%	1.592%
56	17.986	2563	2567	2572	rVB	228421	317816	18.26%	1.708%
57	18.062	2575	2580	2585	rBV	84019	124766	7.17%	0.671%
58	18.127	2585	2591	2595	rVV2	251139	462576	26.57%	2.486%
59	18.168	2595	2598	2604	rVB	137777	190776	10.96%	1.025%
60	18.333	2622	2626	2631	rVV3	16415	23742	1.36%	0.128%
61	18.404	2631	2638	2639	rVV7	8250	17173	0.99%	0.092%
62	18.439	2640	2644	2648	rVV	107708	154591	8.88%	0.831%
63	18.474	2648	2650	2656	rVB5	25489	39442	2.27%	0.212%
64	18.562	2662	2665	2670	rBV3	13466	18474	1.06%	0.099%
65	18.662	2678	2682	2683	rBV3	13235	16936	0.97%	0.091%
66	18.686	2683	2686	2691	rVV2	43136	62864	3.61%	0.338%
67	18.739	2691	2695	2698	rVV	35163	52321	3.01%	0.281%
68	18.774	2698	2701	2705	rVB	30014	37703	2.17%	0.203%
69	18.856	2710	2715	2720	rBV2	93726	159594	9.17%	0.858%
70	18.921	2720	2726	2729	rBV3	52013	84236	4.84%	0.453%
71	18.951	2729	2731	2734	rVB2	28898	29482	1.69%	0.158%

LSC Area Percent Report

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Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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	18.992	2734	2738	2741	rBV3	34981	58067	3.34%	0.312%
73	19.121	2754	2760	2766	rBV	912700	1192463	68.50%	6.410%
74	19.186	2768	2771	2774	rVV	22612	25936	1.49%	0.139%
75	19.221	2774	2777	2782	rVV5	23961	35934	2.06%	0.193%
76	19.315	2789	2793	2795	rBV5	20465	30813	1.77%	0.166%
77	19.368	2799	2802	2805	rVB2	25710	31171	1.79%	0.168%
78	19.480	2812	2821	2830	rVV	940610	1538644	88.39%	8.270%
79	19.556	2830	2834	2841	rVB3	40144	70355	4.04%	0.378%
80	19.662	2848	2852	2855	rBV	30981	45629	2.62%	0.245%
81	19.721	2859	2862	2867	rVB3	34107	48757	2.80%	0.262%
82	19.815	2871	2878	2888	rBV7	68963	180570	10.37%	0.971%
83	19.945	2895	2900	2901	rBV3	53108	71447	4.10%	0.384%
84	19.980	2902	2906	2911	rVB	148150	211205	12.13%	1.135%
85	20.080	2918	2923	2927	rBV	132790	172360	9.90%	0.926%
86	20.133	2928	2932	2936	rVV2	103579	158869	9.13%	0.854%
87	20.174	2937	2939	2943	rVB4	21351	25675	1.47%	0.138%
88	20.274	2952	2956	2960	rBV	70350	95678	5.50%	0.514%
89	20.321	2960	2964	2968	rVB	78639	104489	6.00%	0.562%
90	20.862	3054	3056	3057	rBV2	17598	12965	0.74%	0.070%
91	20.892	3057	3061	3064	rVV	57221	79908	4.59%	0.430%
92	20.927	3064	3067	3070	rVV	80485	89363	5.13%	0.480%
93	20.962	3070	3073	3078	rVV2	47650	78097	4.49%	0.420%
94	21.239	3113	3120	3124	rBV2	1001105	1740784	100.00%	9.357%
95	21.274	3124	3126	3134	rVB	365492	443873	25.50%	2.386%
96	21.397	3143	3147	3152	rBV	66782	107958	6.20%	0.580%
97	22.791	3379	3384	3388	rBV	248418	514673	29.57%	2.766%
98	23.256	3460	3463	3469	rVB	125943	200785	11.53%	1.079%
99	23.350	3474	3479	3488	rVB	305639	554083	31.83%	2.978%
100	23.450	3490	3496	3502	rBV2	588470	1088381	62.52%	5.850%

Sum of corrected areas: 18604116

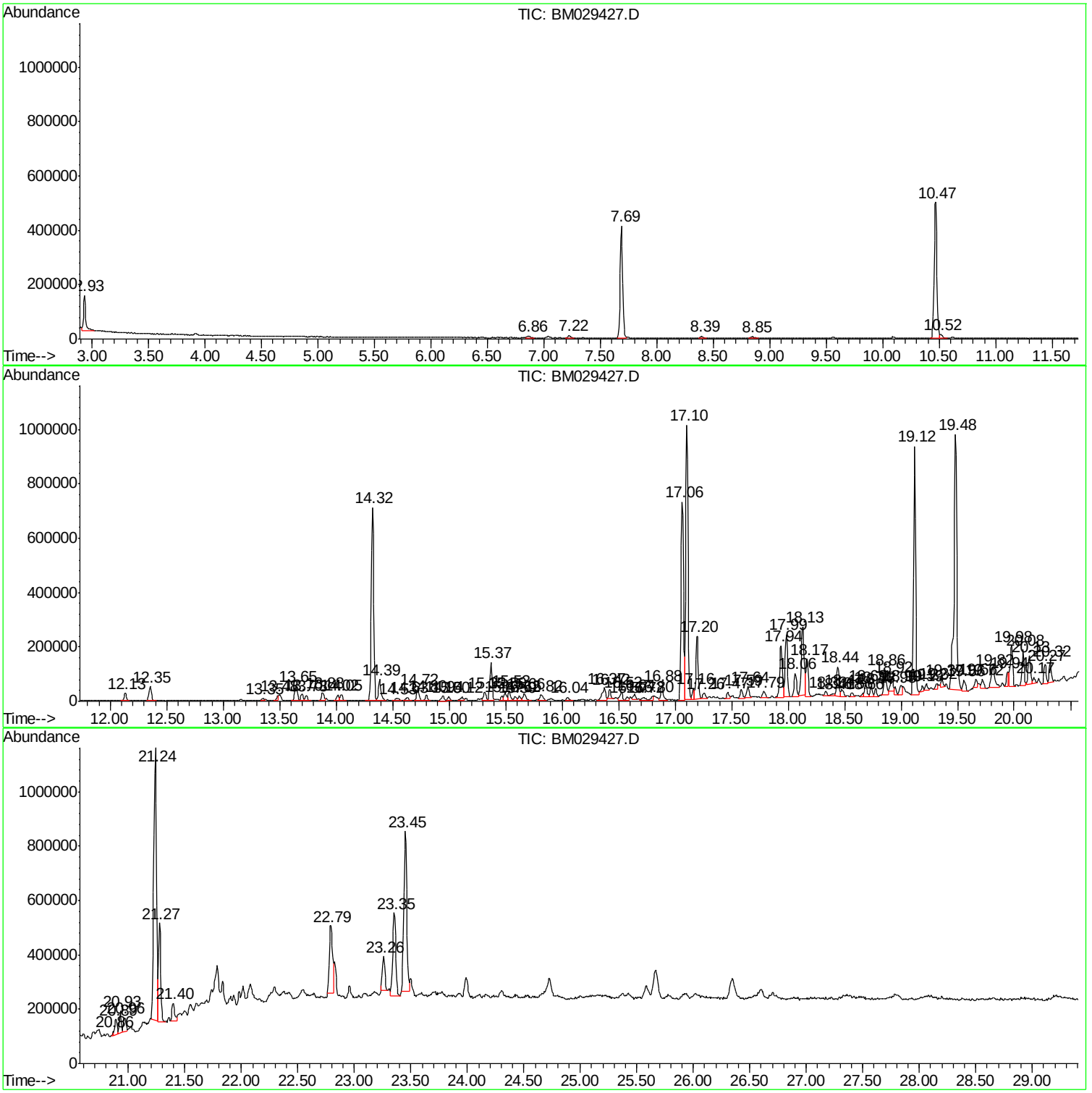
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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 : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

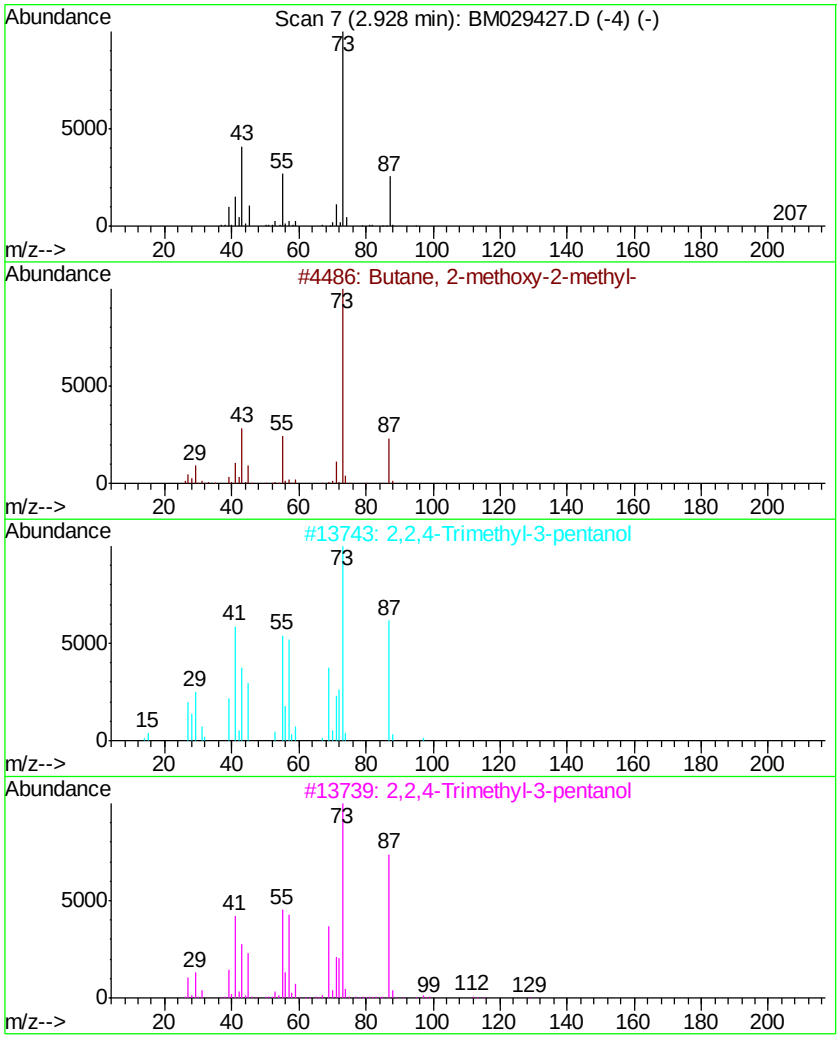
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

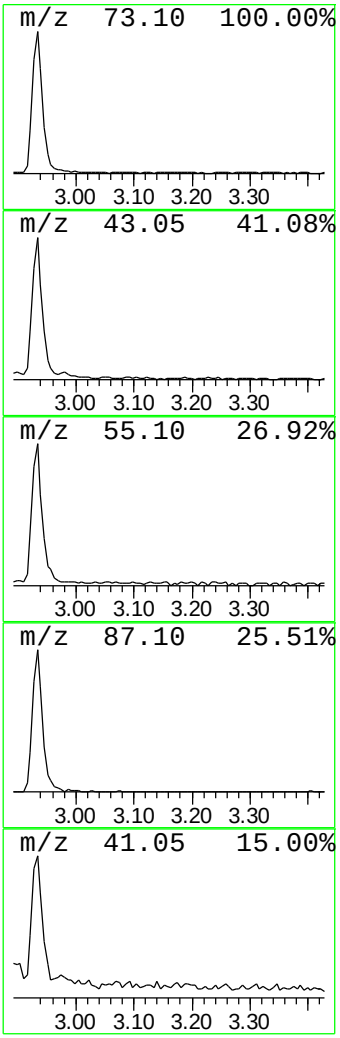
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	5.35 ng/ul	174927	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

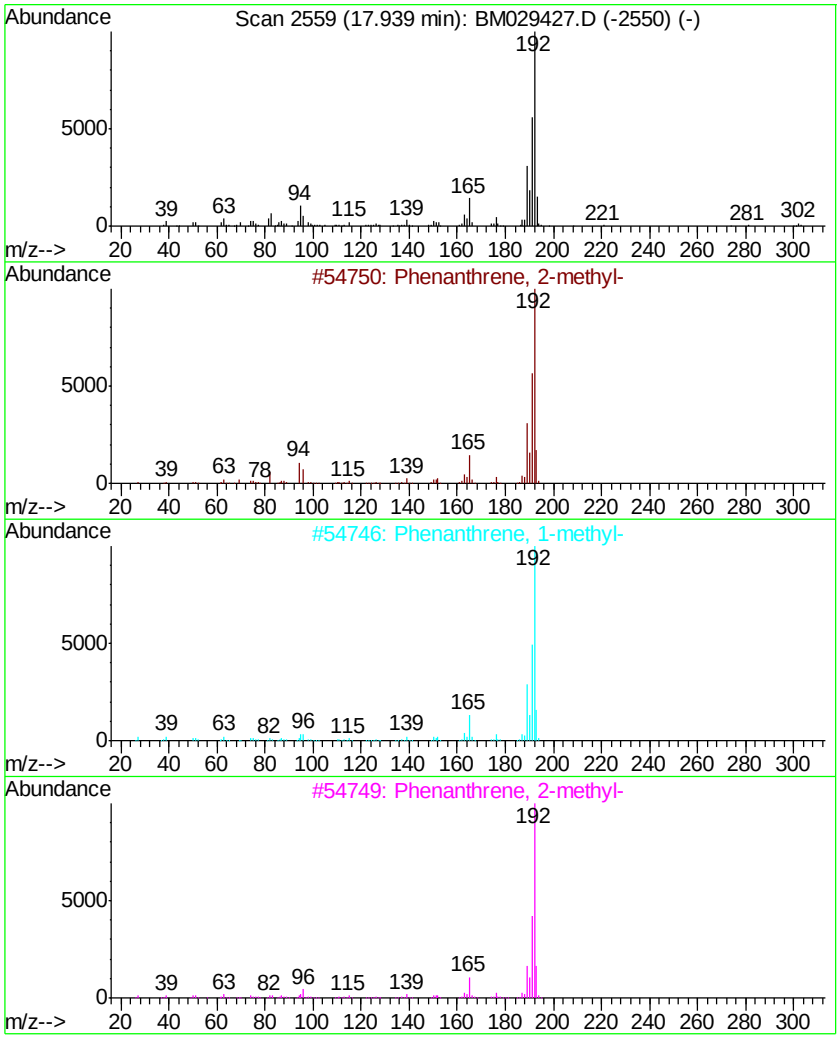
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

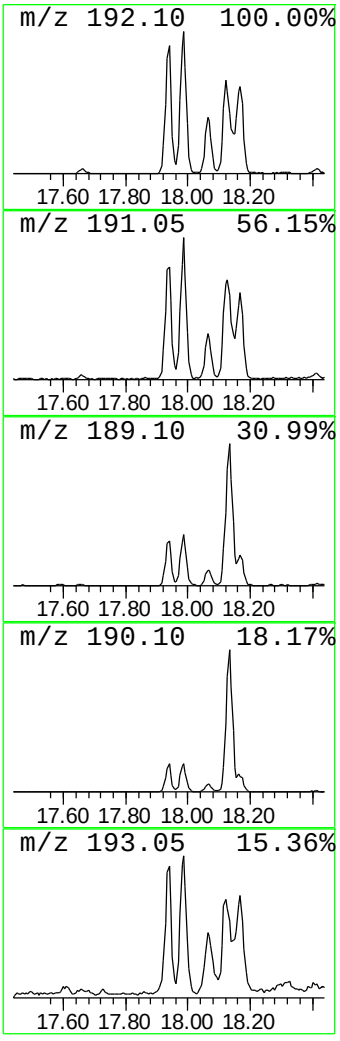
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.33 ng/ul	296160	Phenanthrene-d10	17.06

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

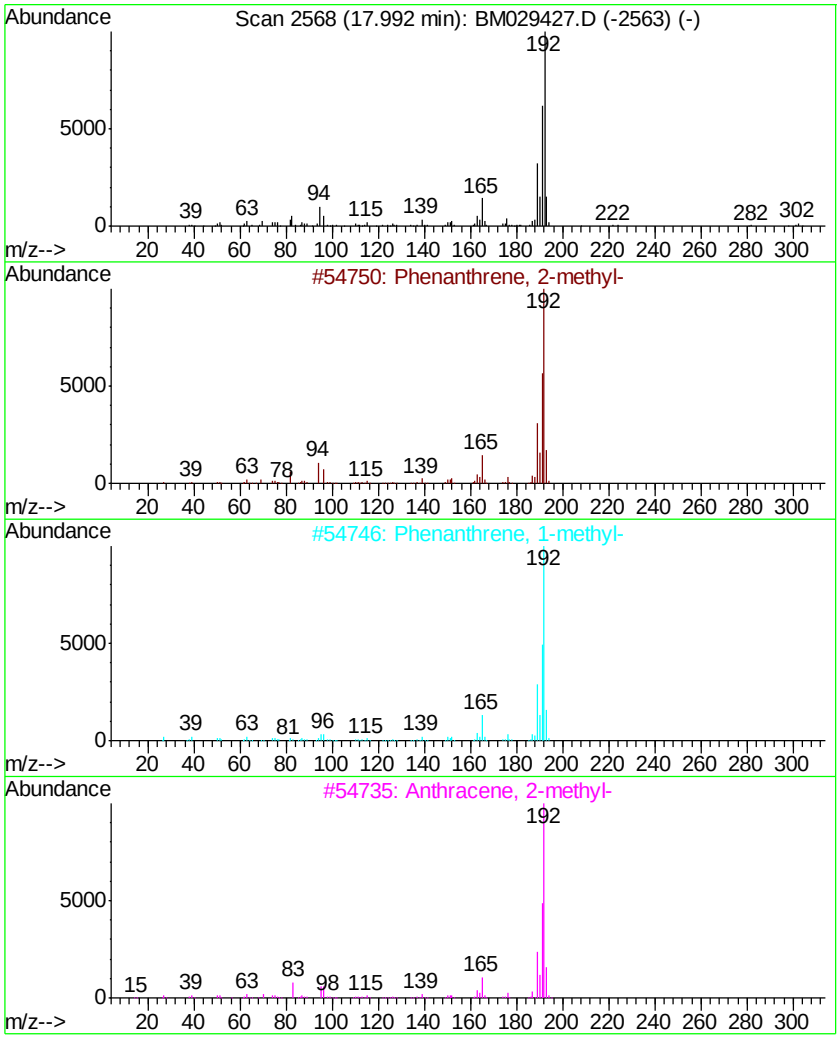
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

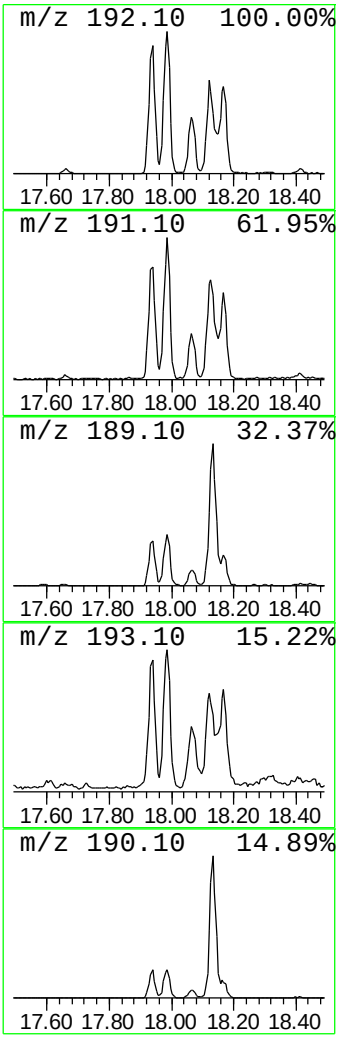
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	5.72 ng/ul	317816	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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
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Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

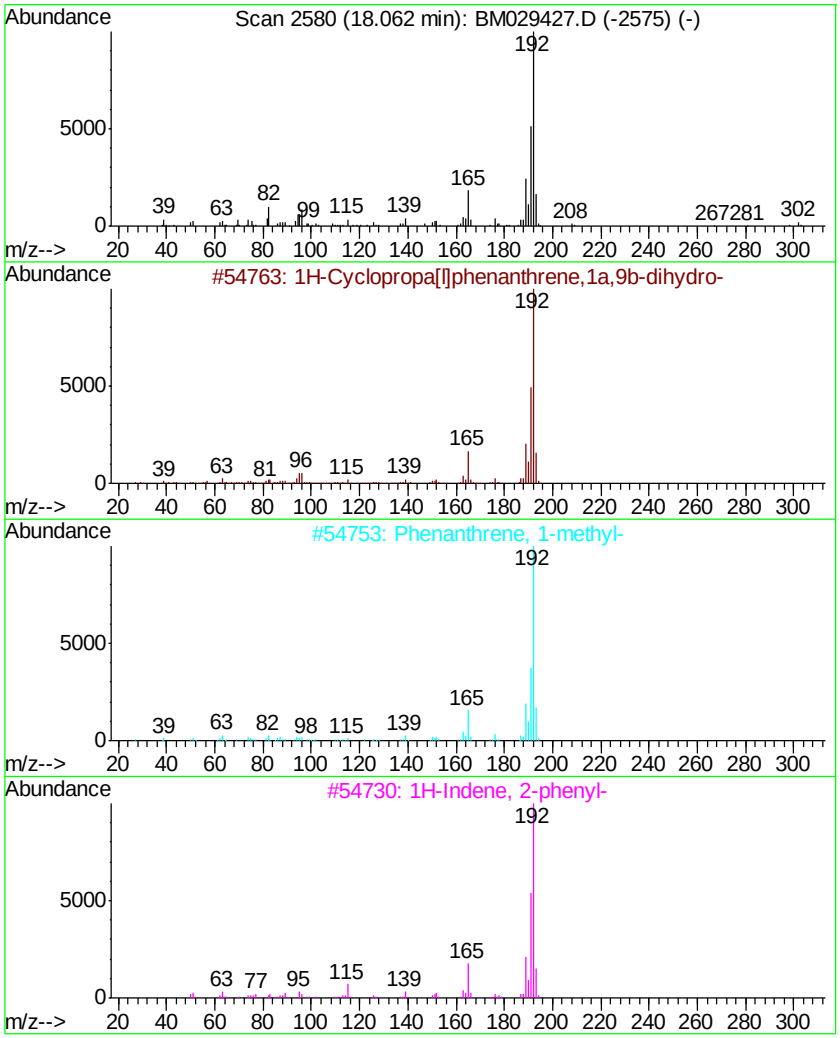
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

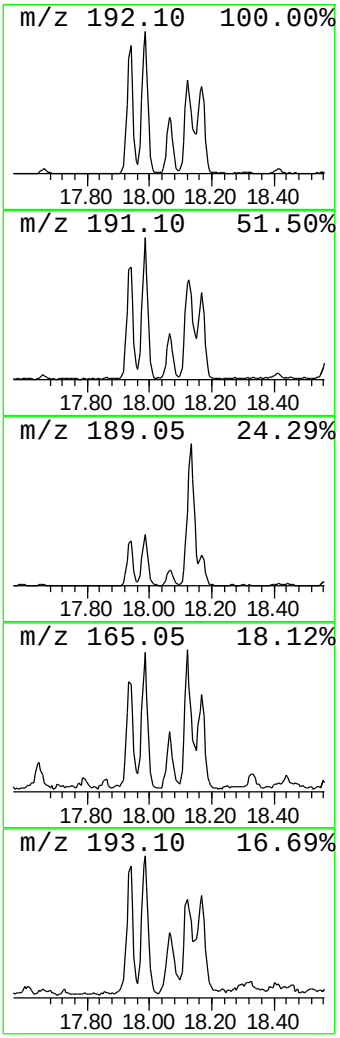
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.24 ng/ul	124766	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, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

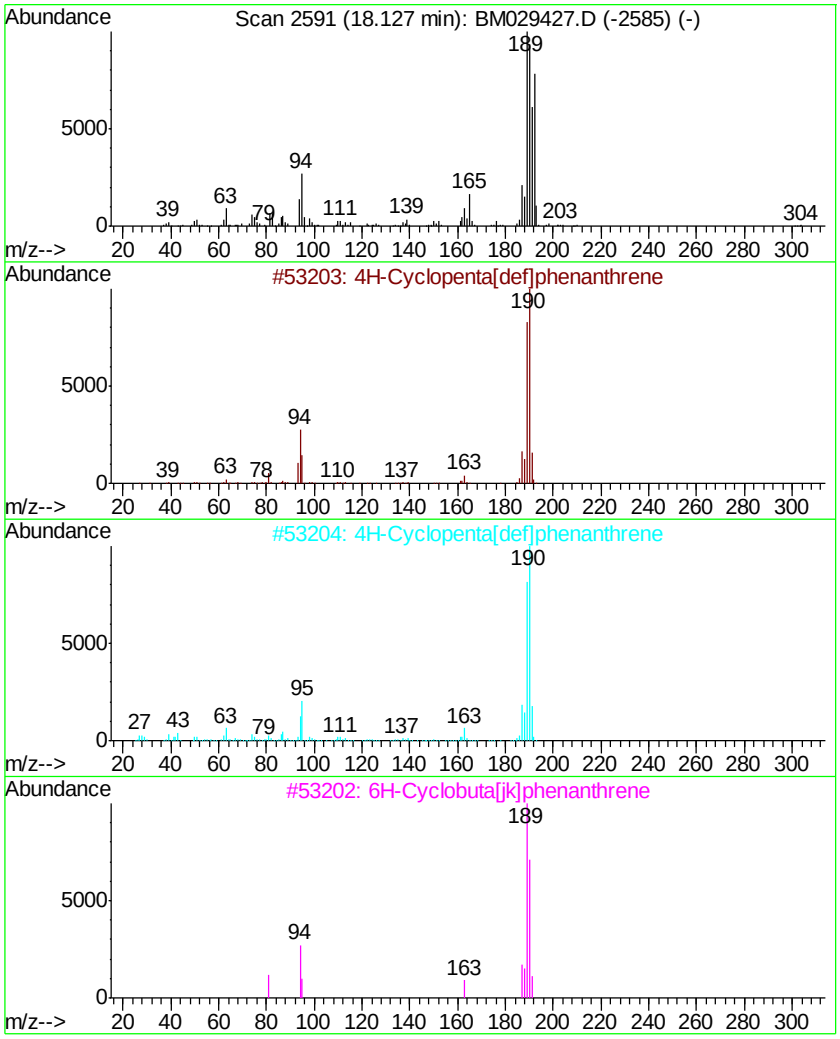
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

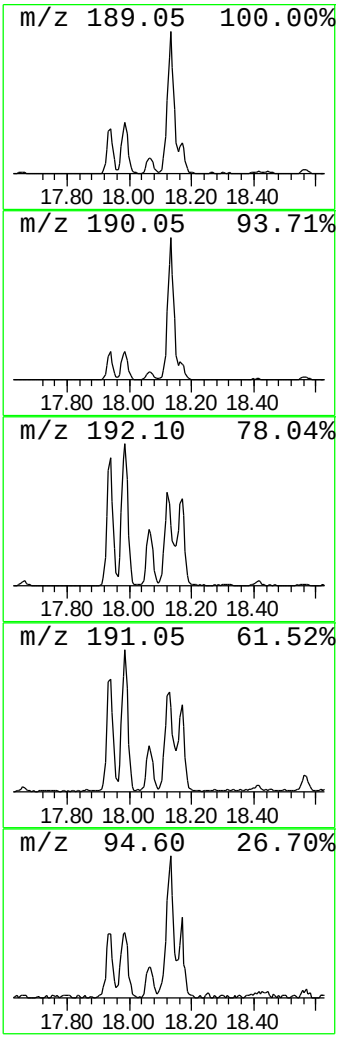
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	8.32 ng/ul	462576	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





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Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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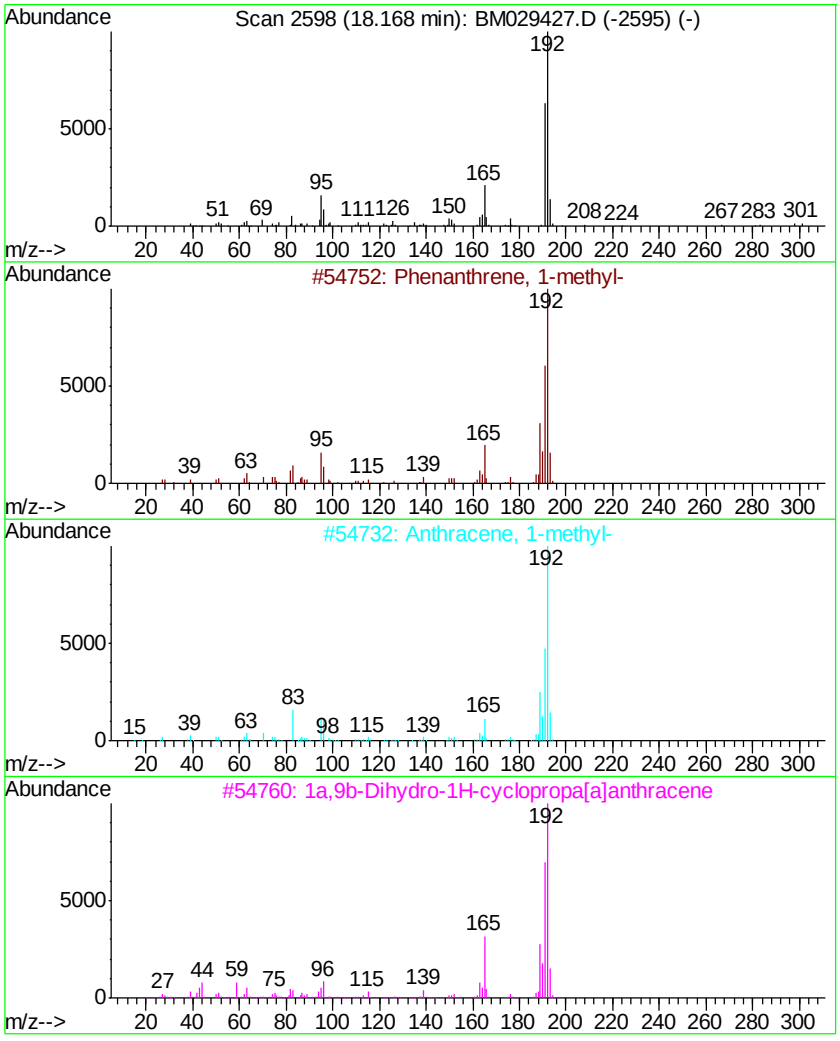
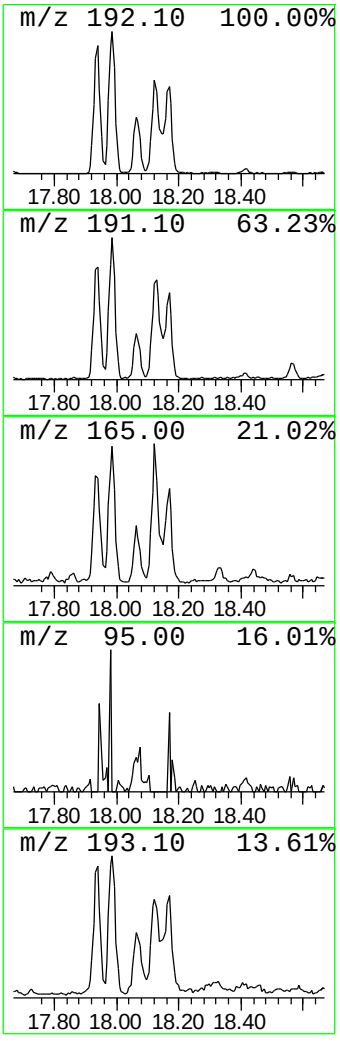
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.43 ng/ul	190776	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Library Search Compound Report

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Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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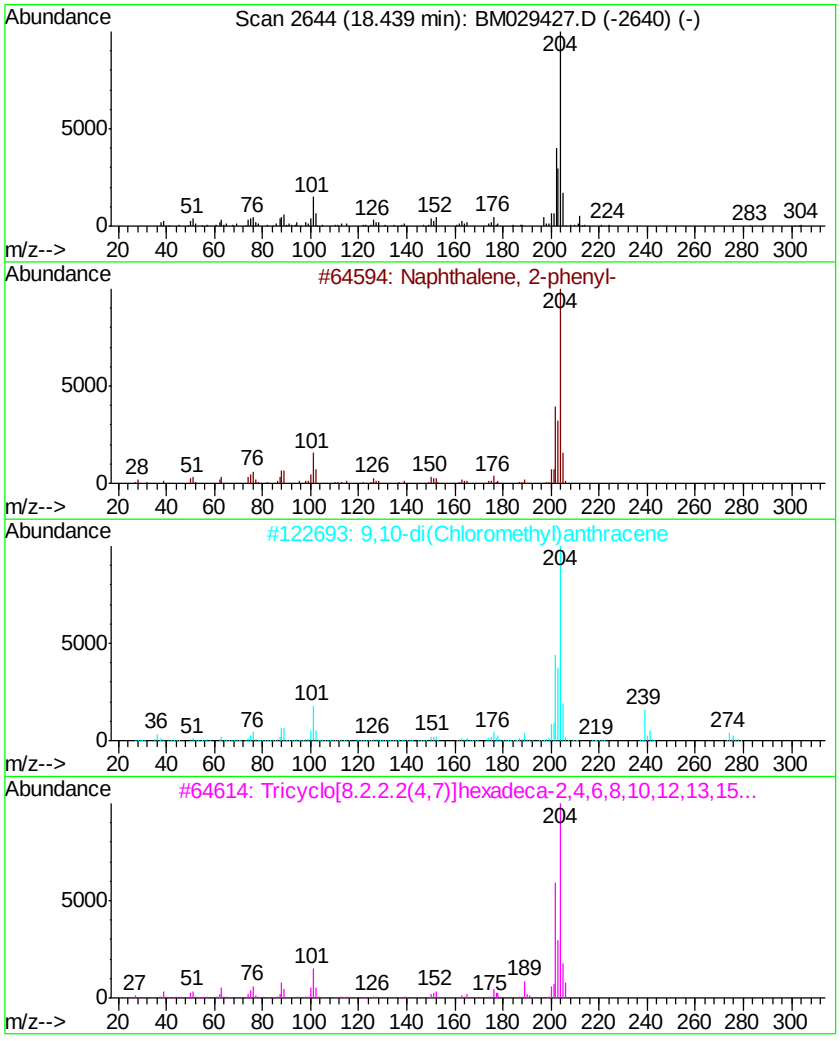
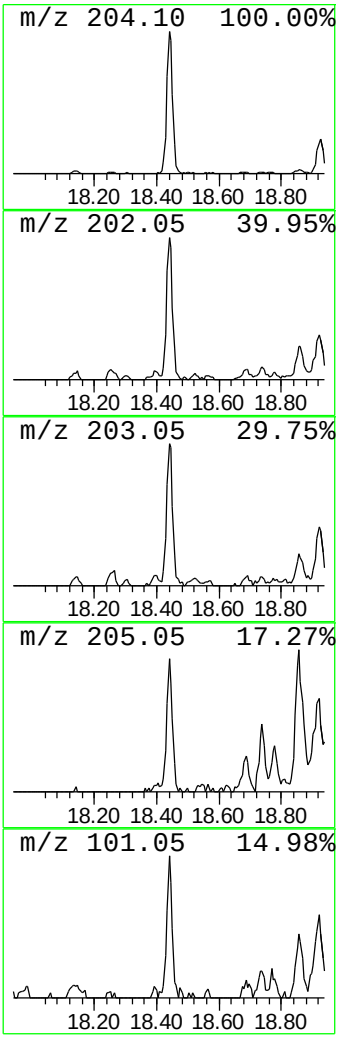
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.78 ng/ul	154591	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-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78





Library Search Compound Report

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Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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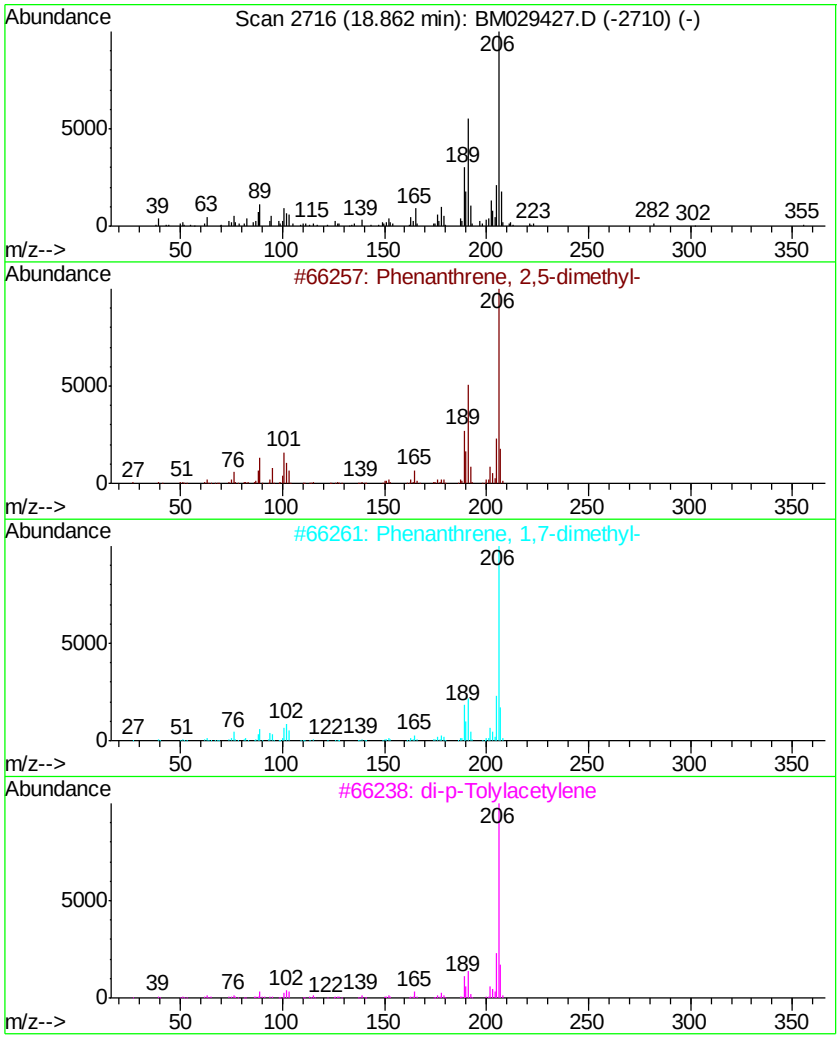
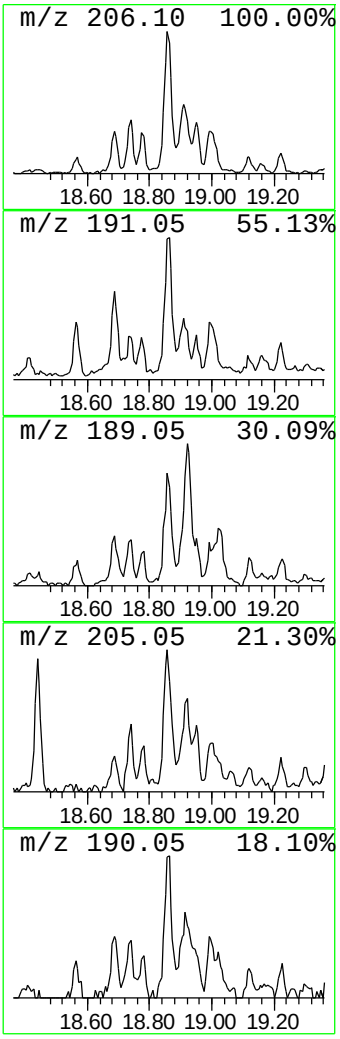
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.87 ng/ul	159594	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





Library Search Compound Report

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Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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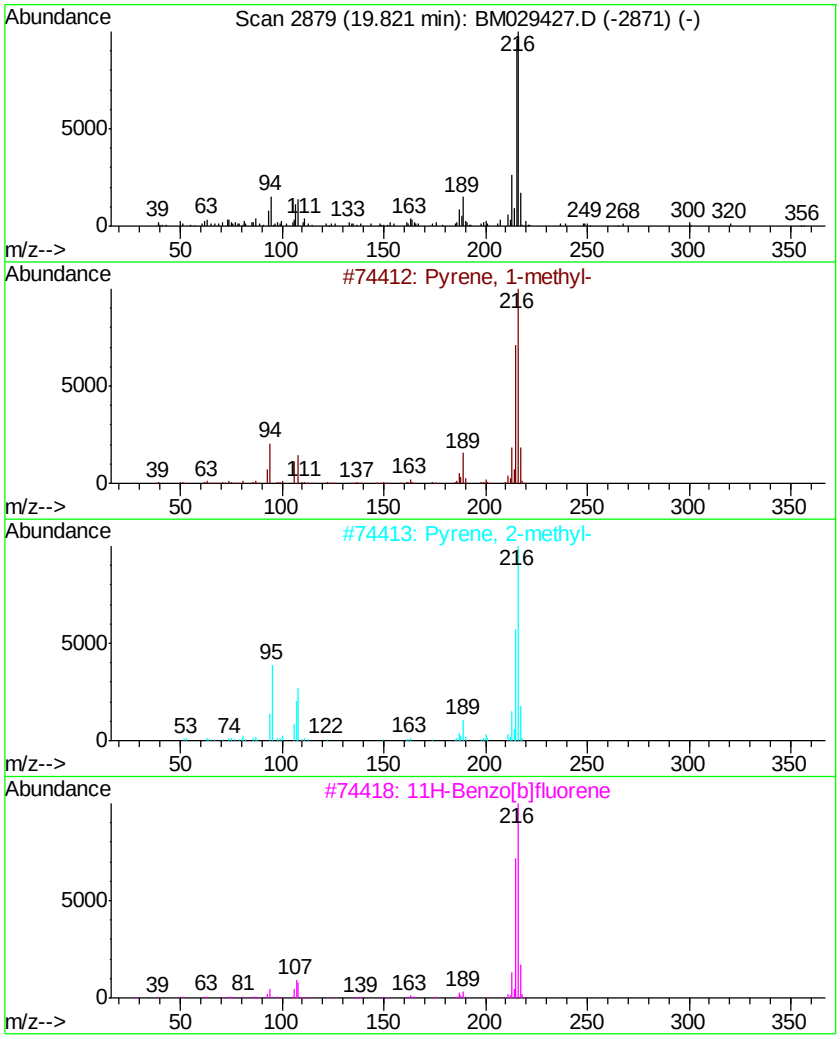
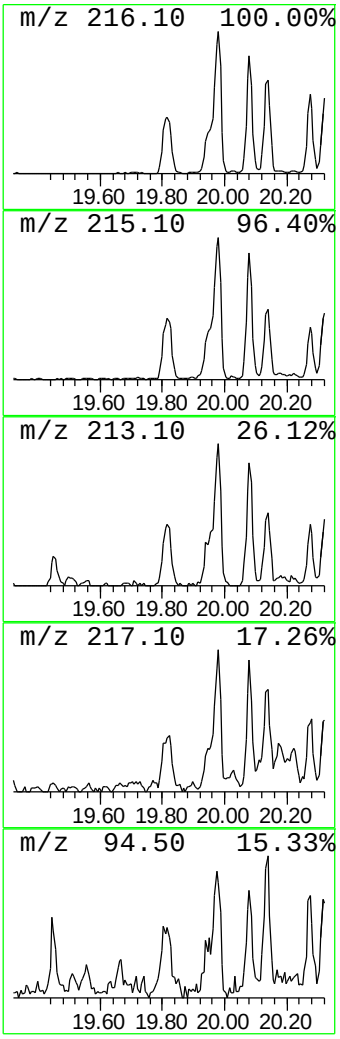
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.07 ng/ul	180570	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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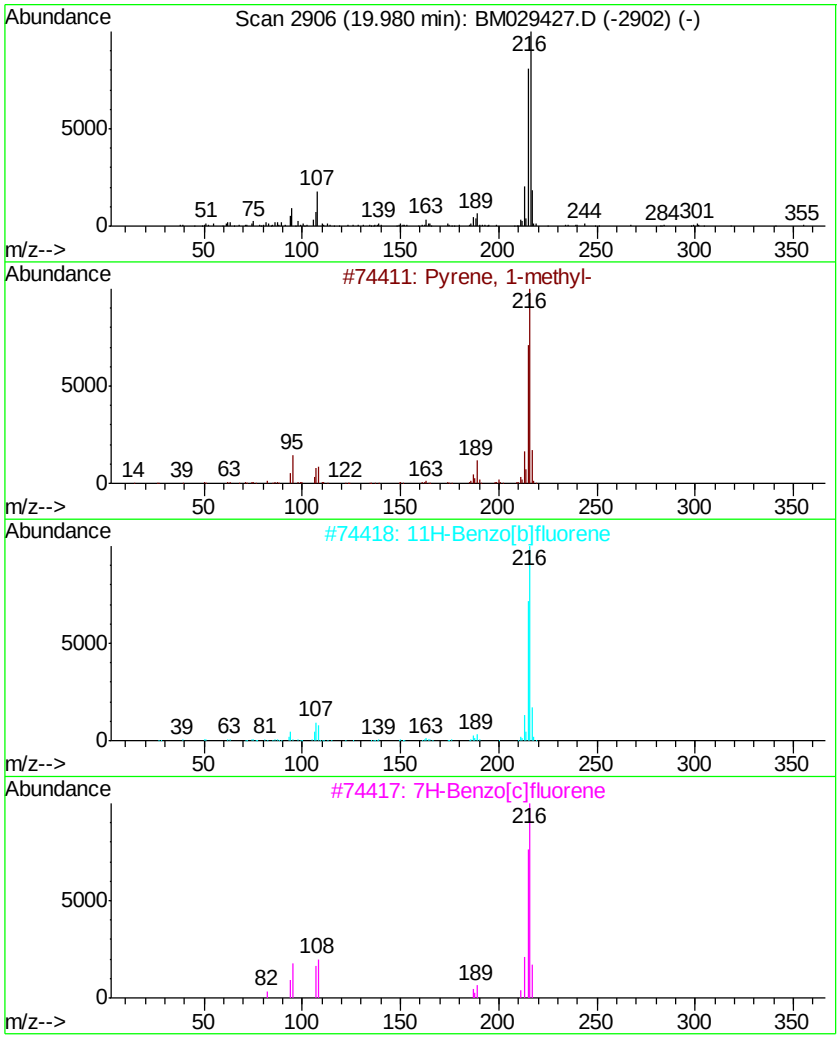
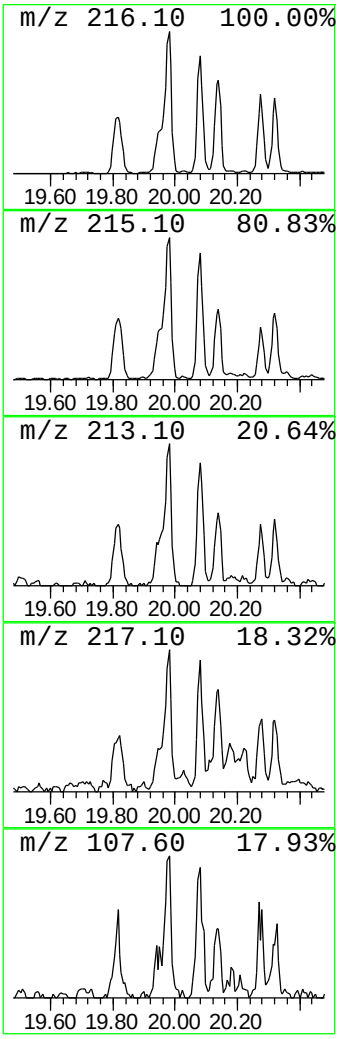
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.43 ng/ul	211205	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Library Search Compound Report

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Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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

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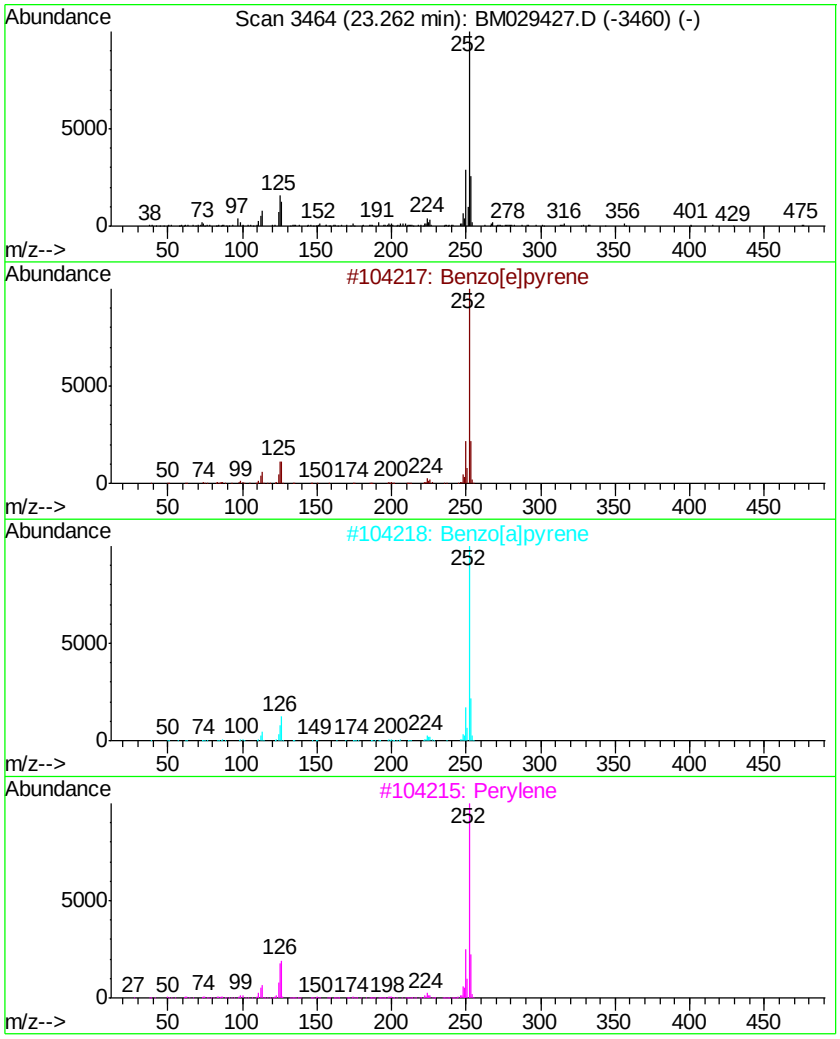
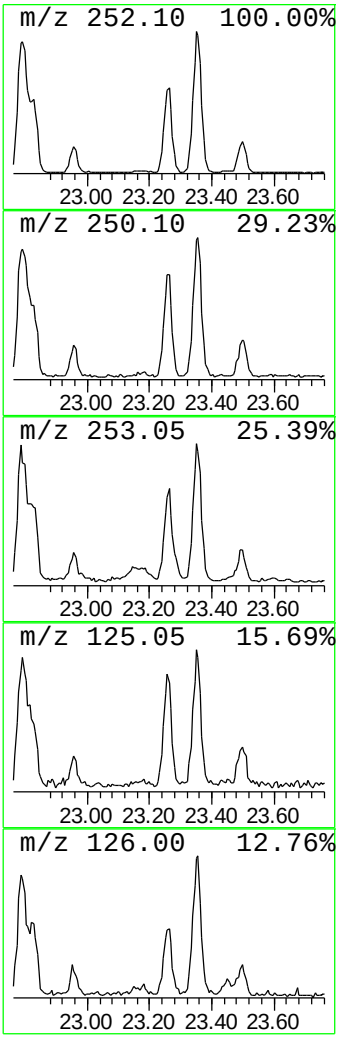
Peak Number 11 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	3.69 ng/ul	200785	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029427.D
Acq On : 09 Apr 2021 12:25
Operator : CG/JU
Sample : M1881-10DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG7DL

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	5.3	ng/ul	174927	1	7.69	654266	20.0
Phenanthrene, 2-m...	17.94	5.3	ng/ul	296160	4	17.06	1111760	20.0
Phenanthrene, 1-m...	17.99	5.7	ng/ul	317816	4	17.06	1111760	20.0
1H-Cyclopropa[l]p...	18.06	2.2	ng/ul	124766	4	17.06	1111760	20.0
4H-Cyclopenta[def...	18.13	8.3	ng/ul	462576	4	17.06	1111760	20.0
Anthracene, 1-met...	18.17	3.4	ng/ul	190776	4	17.06	1111760	20.0
Naphthalene, 2-ph...	18.44	2.8	ng/ul	154591	4	17.06	1111760	20.0
Phenanthrene, 2,5...	18.86	2.9	ng/ul	159594	4	17.06	1111760	20.0
Pyrene, 1-methyl-	19.82	2.1	ng/ul	180570	5	21.24	1740780	20.0
11H-Benzo[b]fluorene	19.98	2.4	ng/ul	211205	5	21.24	1740780	20.0
Benzo[e]pyrene	23.26	3.7	ng/ul	200785	6	23.45	1088380	20.0