

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054368.D
 Acq On : 22 Jul 2022 20:46
 Operator : CG/JU
 Sample : N3830-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HS-SOIL-0721

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_G\Methods\8270-BG071522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054368.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.568	365	371	379	rBV	83317	142969	22.17%	2.495%
2	7.172	638	644	653	rBV	86869	157240	24.38%	2.744%
3	7.995	777	784	791	rBB	76899	135906	21.07%	2.371%
4	9.152	974	981	989	rBV	54492	102573	15.90%	1.790%
5	10.803	1253	1262	1268	rBV	102238	186716	28.95%	3.258%
6	13.247	1671	1678	1686	rBV	190657	293297	45.47%	5.118%
7	14.358	1861	1867	1874	rBV2	4233	8096	1.26%	0.141%
8	14.628	1904	1913	1919	rBV	175146	276989	42.94%	4.833%
9	14.687	1919	1923	1930	rVB2	5871	9140	1.42%	0.159%
10	15.022	1975	1980	1985	rBB2	4562	7225	1.12%	0.126%
11	15.674	2085	2091	2096	rBV	7381	12318	1.91%	0.215%
12	16.115	2160	2166	2175	rBV2	160721	261236	40.50%	4.558%
13	16.344	2197	2205	2210	rBV6	4253	9751	1.51%	0.170%
14	17.025	2315	2321	2325	rBV2	5911	9840	1.53%	0.172%
15	17.119	2333	2337	2341	rVB6	4630	7096	1.10%	0.124%
16	17.190	2345	2349	2354	rVB2	5989	9702	1.50%	0.169%
17	17.372	2372	2380	2384	rBV	220890	355229	55.07%	6.198%
18	17.413	2384	2387	2394	rVV	100650	145171	22.51%	2.533%
19	17.507	2396	2403	2408	rVV	18097	28916	4.48%	0.505%
20	17.566	2408	2413	2417	rVB3	4227	8273	1.28%	0.144%
21	17.777	2441	2449	2453	rBV2	12633	23598	3.66%	0.412%
22	18.030	2487	2492	2494	rBV3	5477	6658	1.03%	0.116%
23	18.253	2525	2530	2534	rBV4	28901	54416	8.44%	0.950%
24	18.294	2534	2537	2545	rVB2	24476	41962	6.51%	0.732%
25	18.377	2548	2551	2556	rVV4	6659	9296	1.44%	0.162%
26	18.447	2556	2563	2566	rVV3	29204	53277	8.26%	0.930%
27	18.477	2566	2568	2573	rVB	12472	16209	2.51%	0.283%
28	18.647	2593	2597	2601	rVB6	5650	8019	1.24%	0.140%
29	18.741	2609	2613	2617	rBV	12334	19344	3.00%	0.338%
30	18.788	2617	2621	2628	rVB3	18062	29544	4.58%	0.516%
31	18.870	2630	2635	2636	rBV4	4380	6474	1.00%	0.113%
32	18.982	2652	2654	2658	rVB3	7048	8521	1.32%	0.149%
33	19.164	2680	2685	2689	rBV3	15683	31472	4.88%	0.549%
34	19.305	2705	2709	2713	rVB	15004	20769	3.22%	0.362%
35	19.422	2723	2729	2735	rBV	218230	339624	52.65%	5.926%
36	19.475	2735	2738	2742	rVB2	24177	31938	4.95%	0.557%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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_G\Methods\8270-BG071522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.522	2742	2746	2750	rBV3	16219	27998	4.34%	0.489%
38	19.669	2769	2771	2773	rVB3	10986	8899	1.38%	0.155%
39	19.751	2781	2785	2787	rBV2	42053	59777	9.27%	1.043%
40	19.787	2787	2791	2798	rVB	216816	323337	50.13%	5.642%
41	19.981	2818	2824	2828	rBV	372084	501289	77.72%	8.747%
42	20.116	2841	2847	2853	rBV3	20448	53523	8.30%	0.934%
43	21.632	3098	3105	3110	rBV2	276554	645008	100.00%	11.255%
44	21.679	3111	3113	3125	rVB	122284	207799	32.22%	3.626%
45	23.823	3471	3478	3487	rBV2	128061	434604	67.38%	7.583%
46	24.687	3619	3625	3637	rVB	84196	238415	36.96%	4.160%
47	24.840	3644	3651	3659	rBV2	133530	361469	56.04%	6.307%

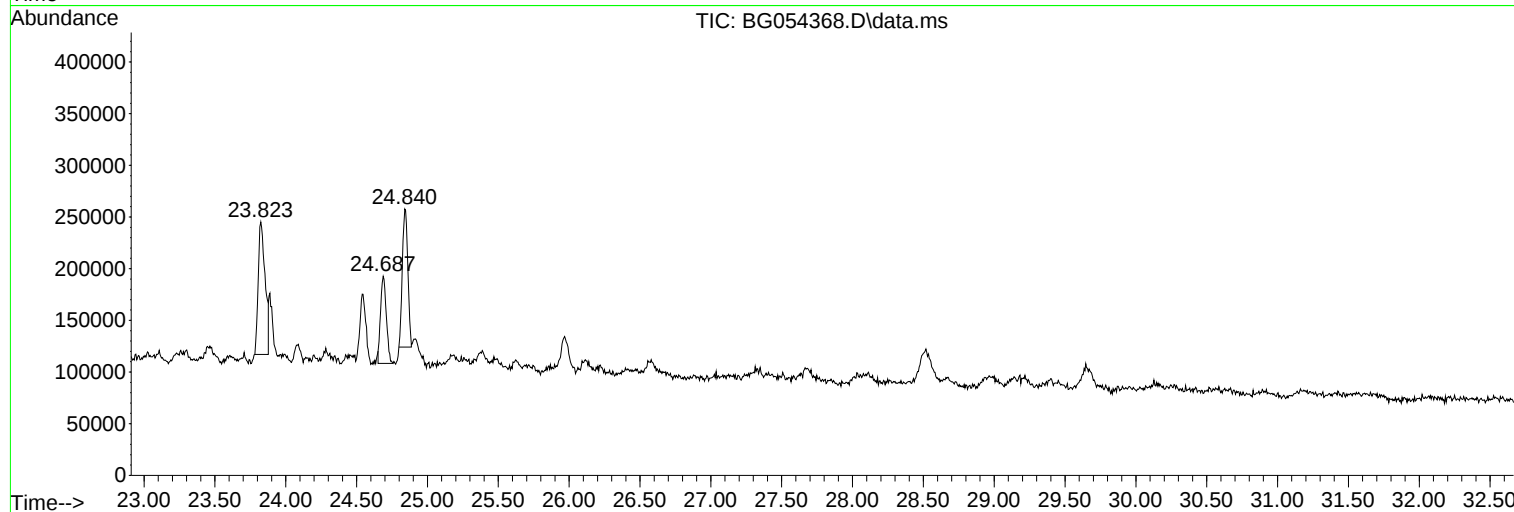
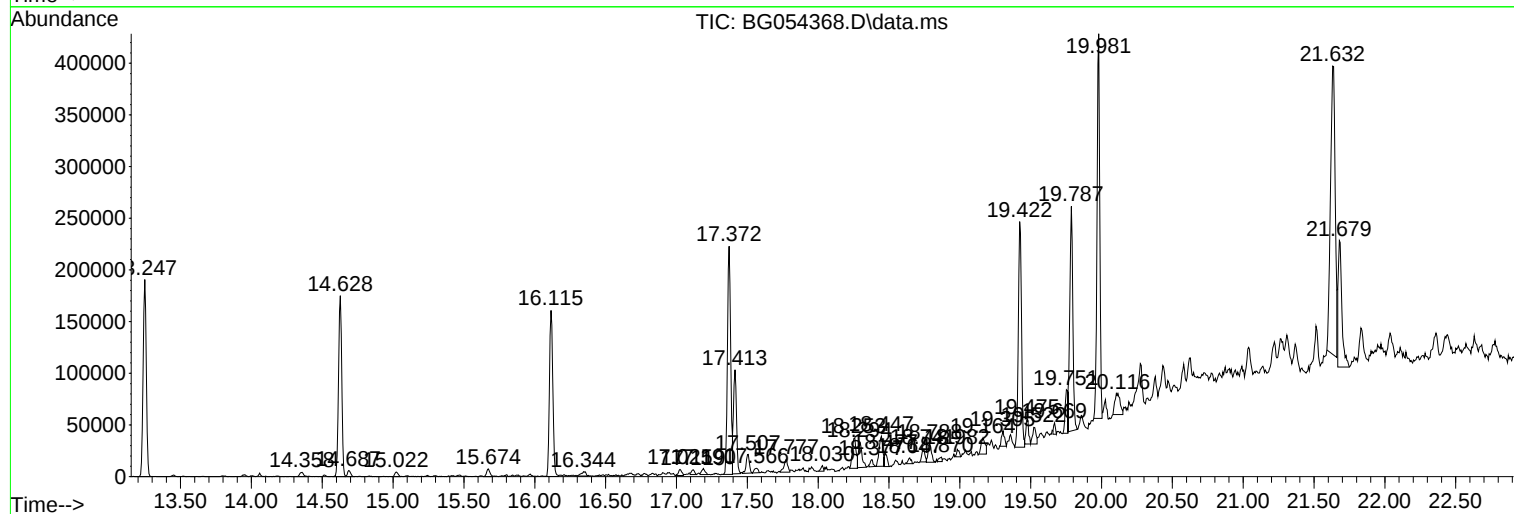
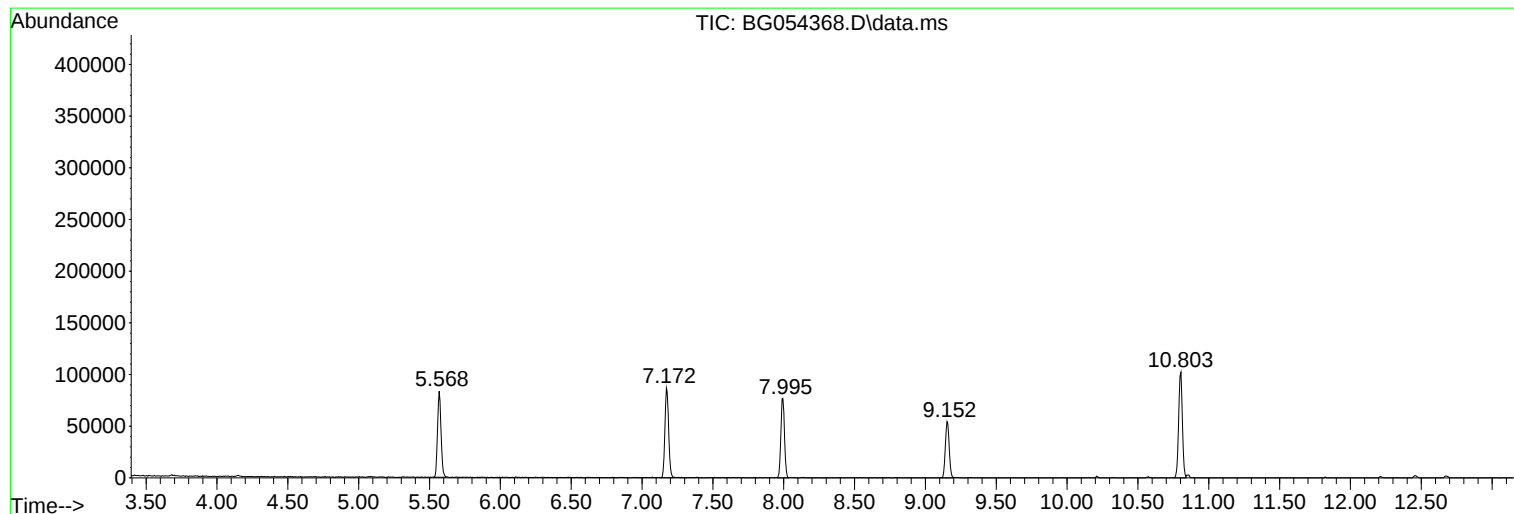
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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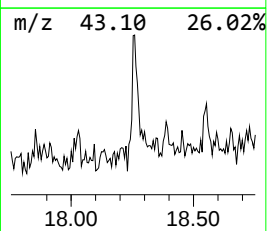
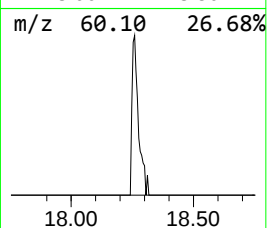
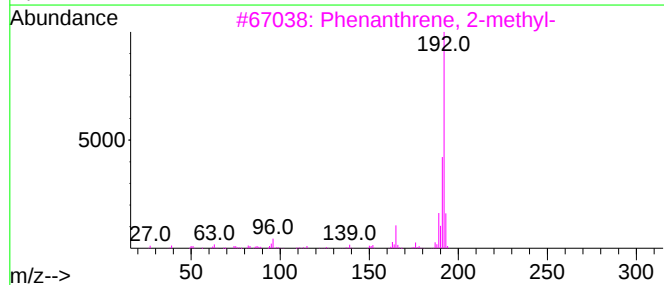
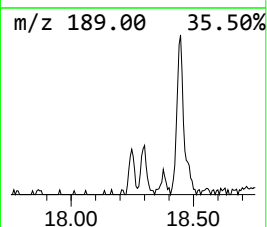
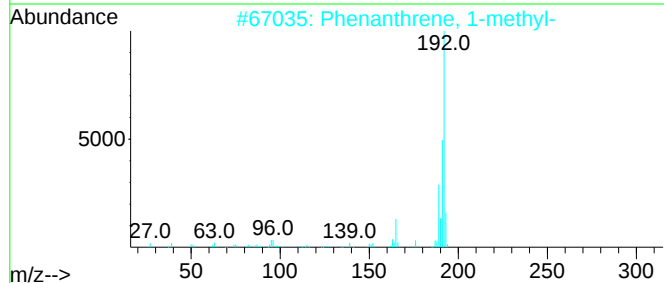
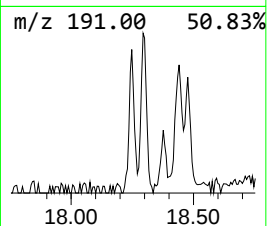
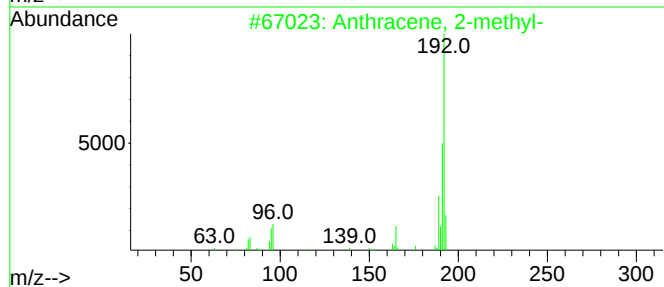
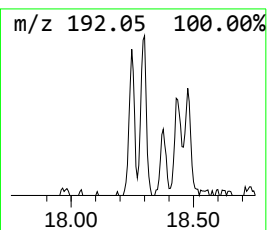
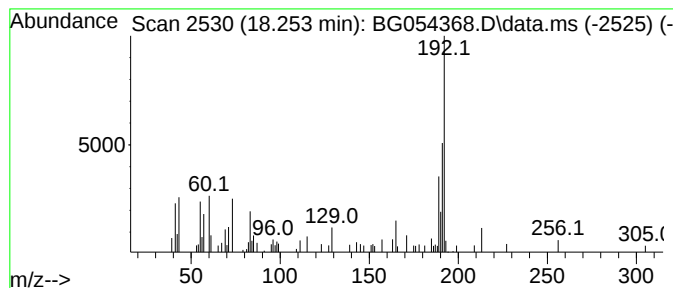
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	3.06 ng	54416	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	58



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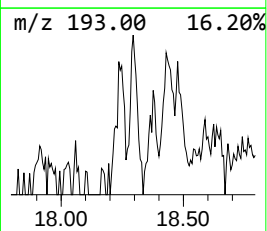
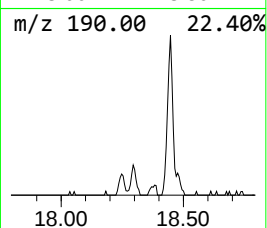
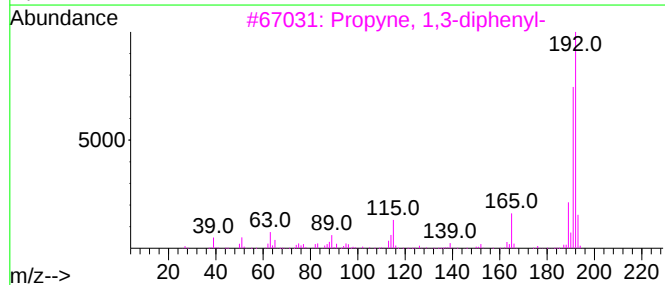
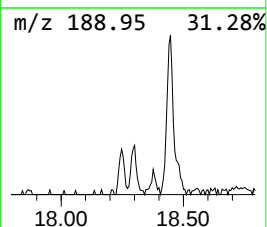
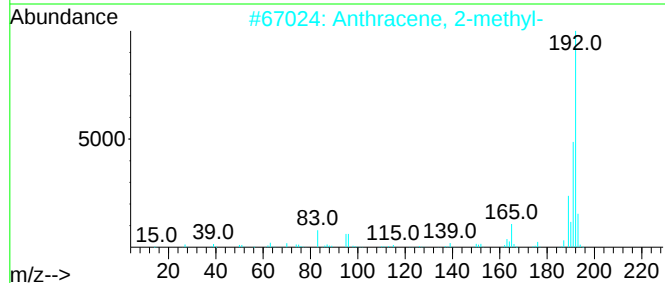
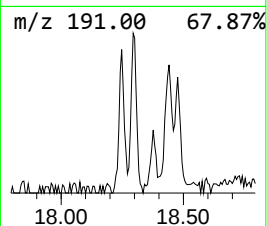
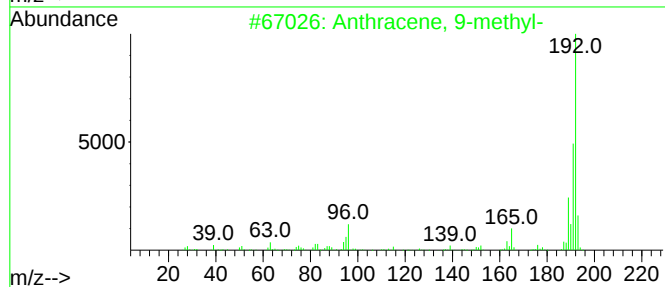
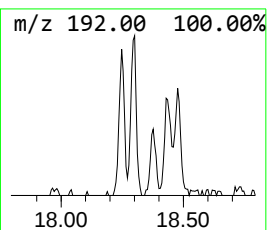
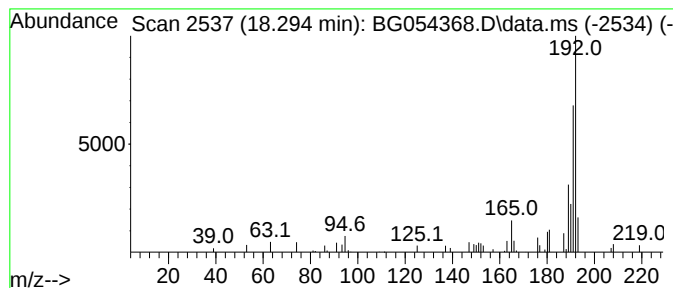
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	2.36 ng	41962	Phenanthrene-d10	17.372

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
3		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	58
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58



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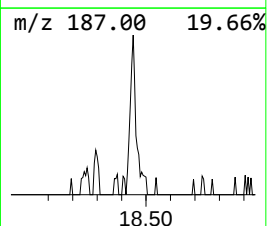
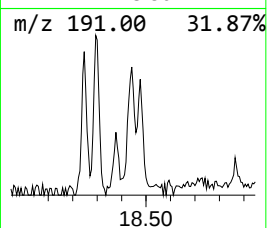
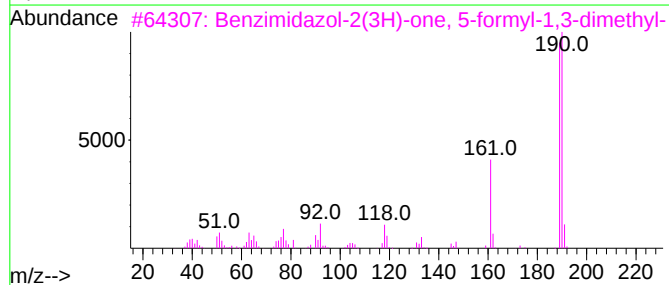
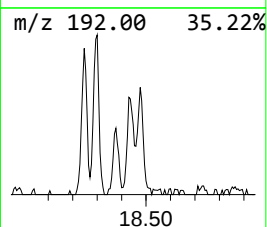
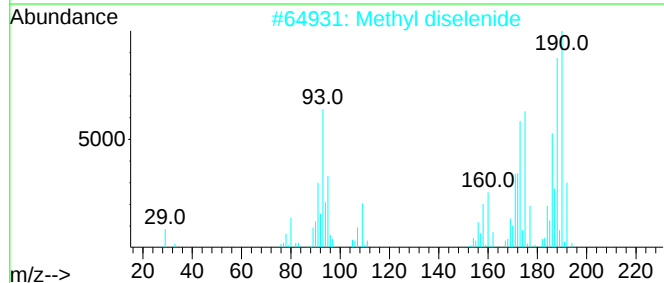
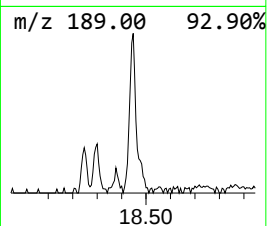
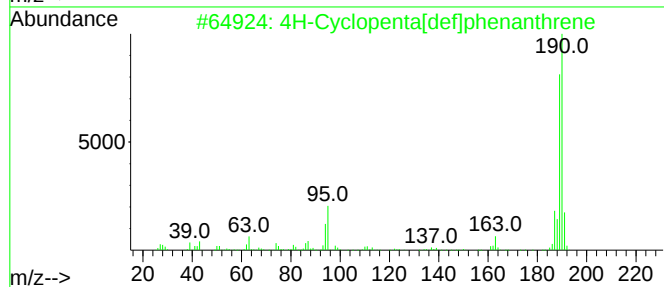
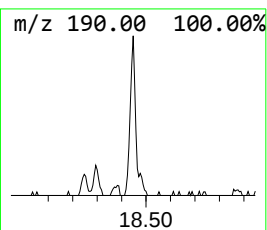
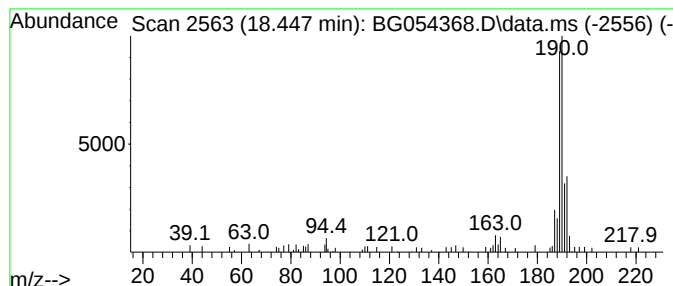
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	3.00 ng	53277	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			Methyl diselenide	190	C2H6Se2	007101-31-7	43
3			Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	40
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	33



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 2-m...	18.253	3.1	ng	54416	4	17.372	355229	20.0
Anthracene, 9-m...	18.294	2.4	ng	41962	4	17.372	355229	20.0
4H-Cyclopenta[d...	18.447	3.0	ng	53277	4	17.372	355229	20.0