

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049828.D
 Acq On : 04 Apr 2025 17:58
 Operator : RC/JU
 Sample : Q1712-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TT-7

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_M\Methods\8270-BM031325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.911	321	327	336	rVB	83878	135434	1.78%	0.286%
2	5.369	399	405	413	rBV	676298	981974	12.93%	2.071%
3	6.957	667	675	683	rBV	676585	1082768	14.25%	2.283%
4	7.422	748	754	762	rBV2	71076	141228	1.86%	0.298%
5	7.787	809	816	823	rBV	1134229	1787992	23.54%	3.771%
6	8.940	1007	1012	1019	rVB	389808	625637	8.24%	1.319%
7	9.022	1022	1026	1031	rVB	70833	98276	1.29%	0.207%
8	10.581	1284	1291	1297	rBV	1400927	2400369	31.60%	5.062%
9	12.245	1566	1574	1581	rVB2	44578	95537	1.26%	0.201%
10	13.051	1704	1711	1717	rBV	1204255	1710774	22.52%	3.608%
11	13.751	1825	1830	1835	rBV	45047	76660	1.01%	0.162%
12	14.151	1891	1898	1907	rBV	80441	147366	1.94%	0.311%
13	14.428	1937	1945	1952	rVV	2270665	3327574	43.81%	7.017%
14	14.492	1952	1956	1965	rVB	82229	146977	1.93%	0.310%
15	14.828	2009	2013	2020	rVB	67311	121068	1.59%	0.255%
16	15.475	2118	2123	2127	rBV3	83124	123717	1.63%	0.261%
17	15.786	2170	2176	2183	rVB2	116550	208535	2.75%	0.440%
18	15.916	2193	2198	2207	rBV	780541	1099196	14.47%	2.318%
19	16.151	2234	2238	2240	rBV3	75714	106843	1.41%	0.225%
20	16.174	2240	2242	2247	rVB3	87924	104418	1.37%	0.220%
21	16.827	2350	2353	2359	rVB2	59513	79325	1.04%	0.167%
22	16.992	2377	2381	2386	rVB2	95428	130361	1.72%	0.275%
23	17.174	2406	2412	2415	rBV	2649632	3688840	48.56%	7.779%
24	17.216	2415	2419	2425	rVB	1146709	1605917	21.14%	3.387%
25	17.304	2430	2434	2439	rVV	254302	359175	4.73%	0.757%
26	17.363	2441	2444	2450	rVB3	50197	81335	1.07%	0.172%
27	17.574	2477	2480	2490	rVB	71765	114943	1.51%	0.242%
28	18.045	2556	2560	2565	rBV	232366	410631	5.41%	0.866%
29	18.098	2565	2569	2575	rVB	315274	454636	5.99%	0.959%
30	18.174	2579	2582	2586	rVV	101681	131186	1.73%	0.277%
31	18.239	2588	2593	2597	rVV2	314743	582633	7.67%	1.229%
32	18.280	2597	2600	2606	rVB	181112	242150	3.19%	0.511%
33	18.368	2613	2615	2623	rVB4	77593	124335	1.64%	0.262%
34	18.545	2642	2645	2649	rBV	148543	200734	2.64%	0.423%
35	18.586	2649	2652	2658	rVB3	114287	184331	2.43%	0.389%
36	18.968	2713	2717	2721	rBV	234275	330984	4.36%	0.698%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.104	2737	2740	2747	rBV3	151165	289496	3.81%	0.611%
38	19.227	2757	2761	2768	rBV	2451408	3092154	40.71%	6.521%
39	19.592	2815	2823	2832	rBV	2285627	3558930	46.85%	7.505%
40	19.792	2853	2857	2861	rVB	1787157	2080193	27.39%	4.387%
41	21.409	3125	3132	3136	rBV2	3085193	5970768	78.60%	12.592%
42	21.451	3136	3139	3148	rVB	1081662	1587614	20.90%	3.348%
43	24.421	3639	3644	3669	rVB2	2129546	7595973	100.00%	16.019%

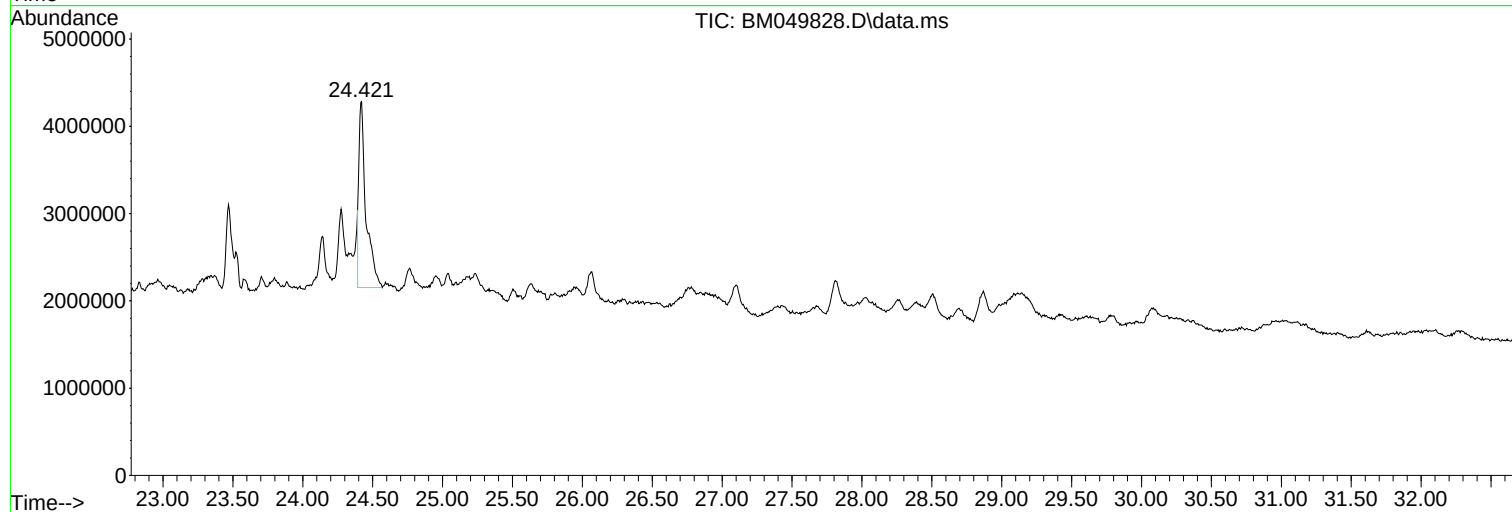
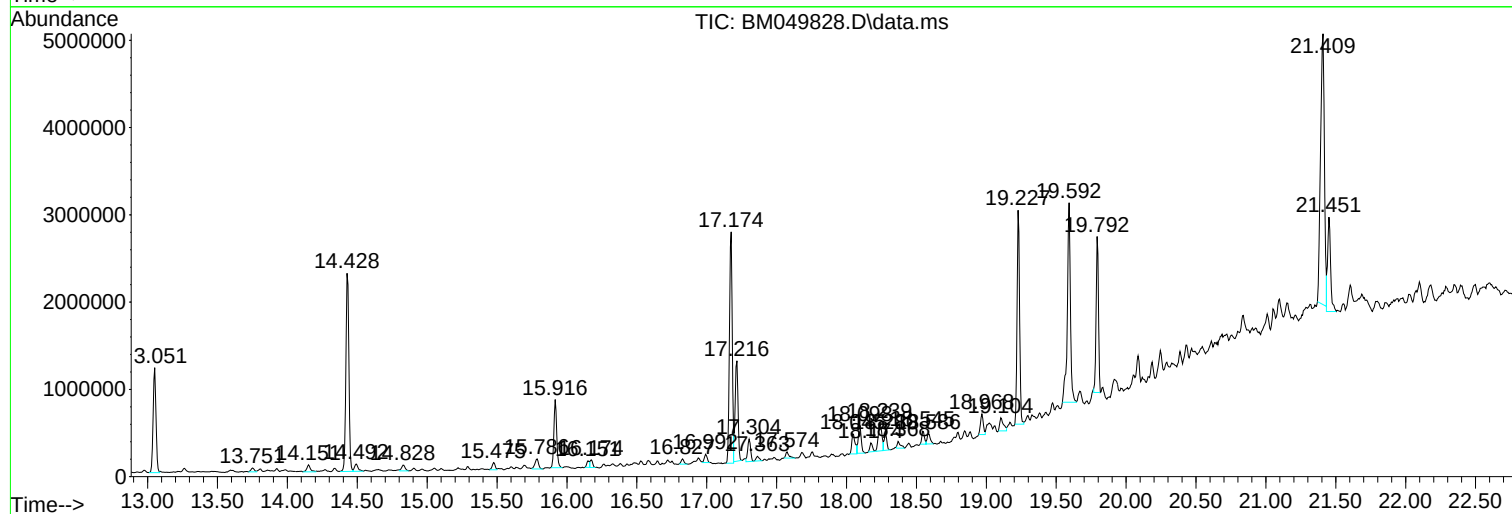
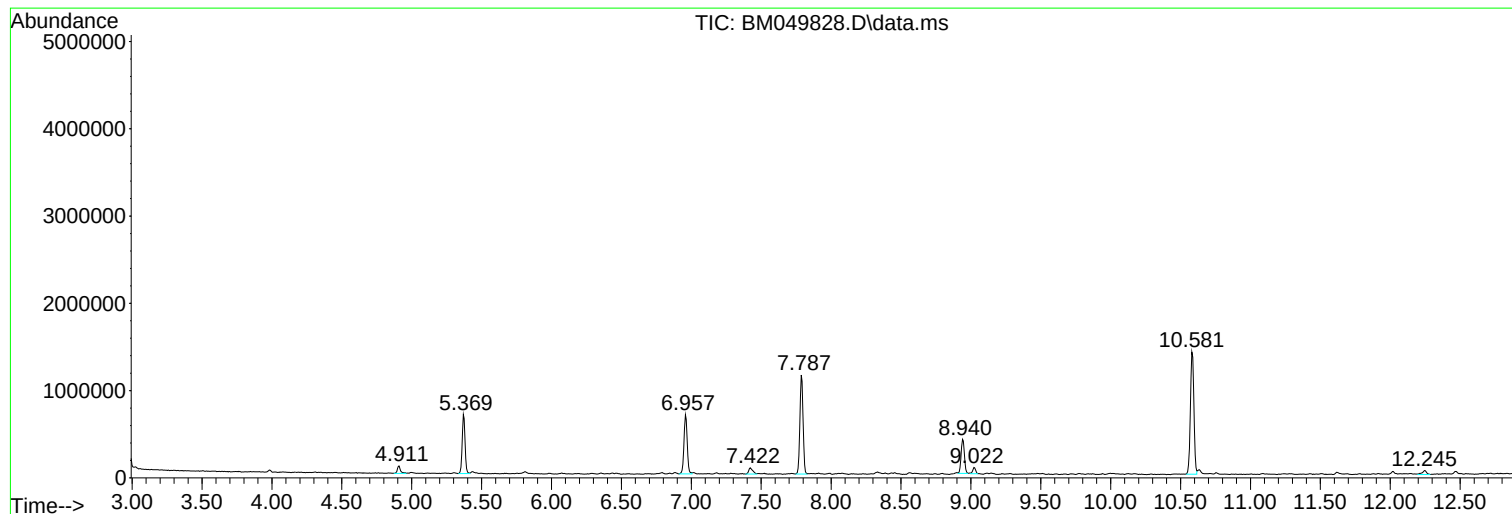
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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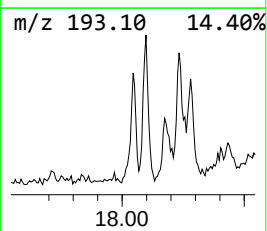
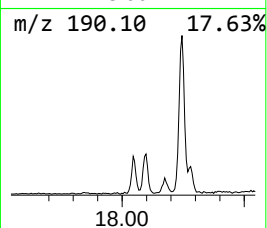
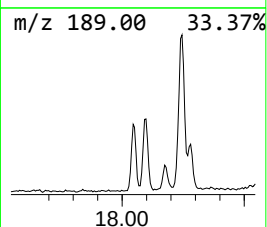
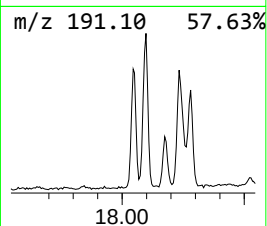
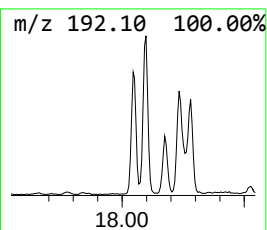
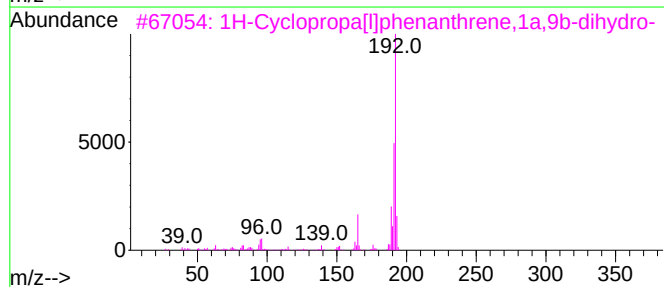
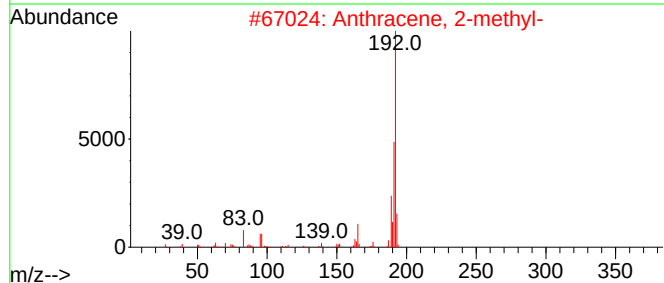
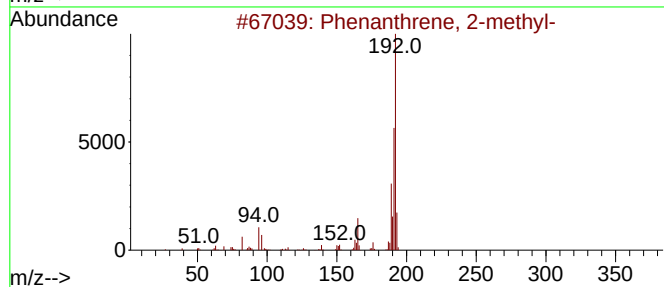
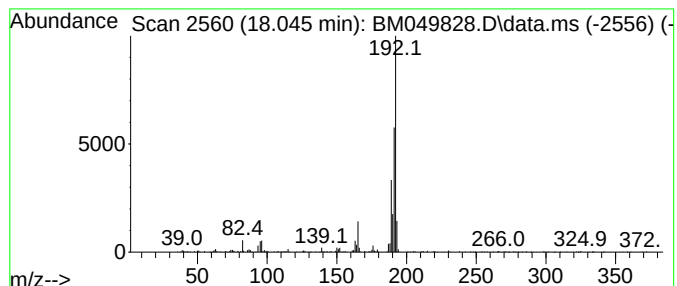
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.23 ng	410631	Phenanthrene-d10	17.174

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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Misc :
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Instrument :
BNA_M
ClientSampleId :
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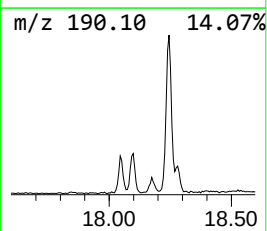
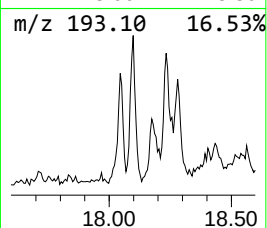
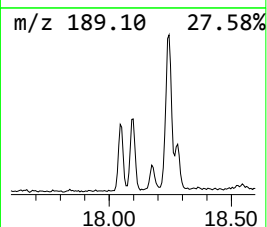
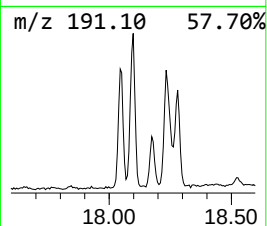
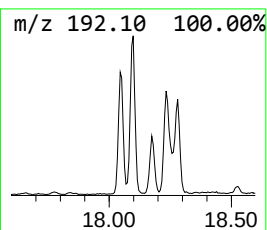
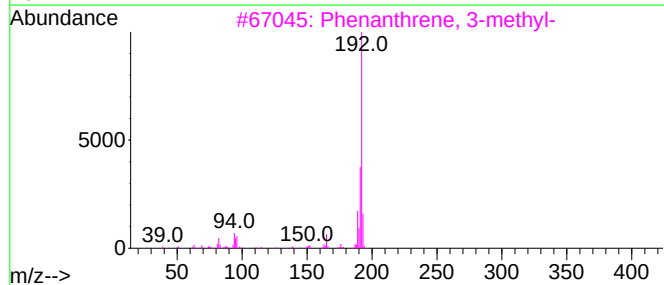
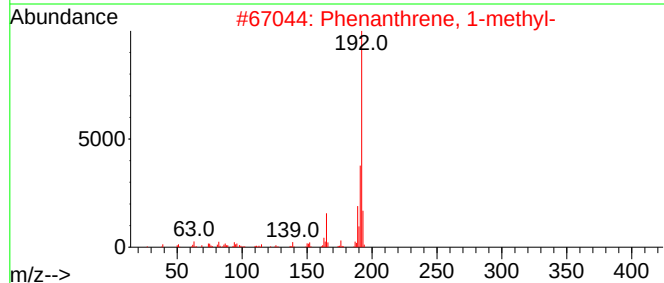
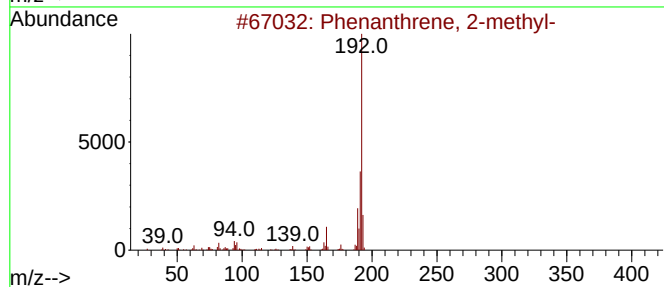
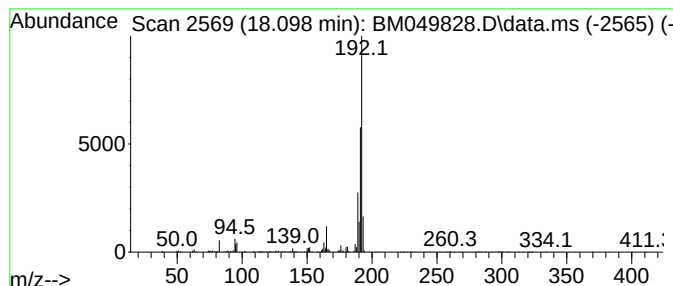
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	2.46 ng	454636	Phenanthrene-d10	17.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



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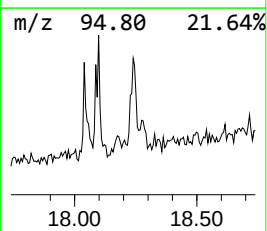
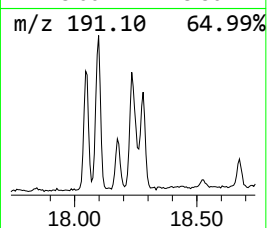
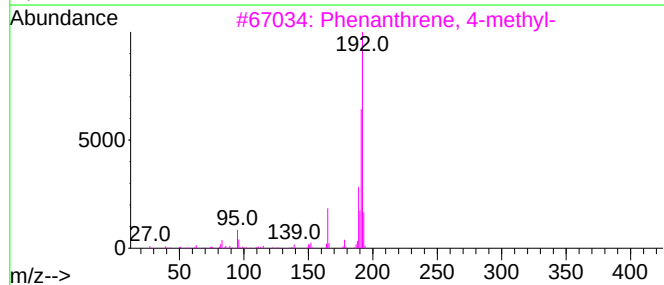
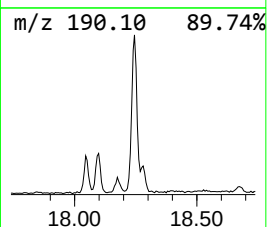
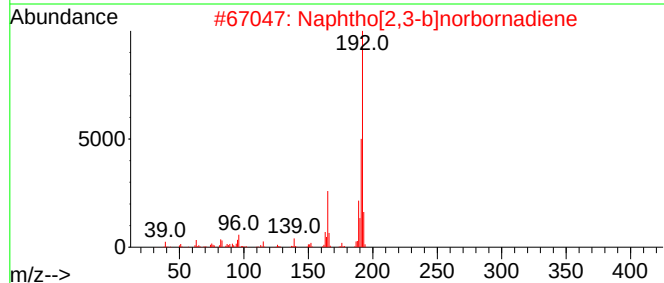
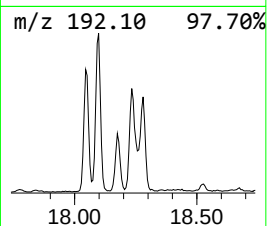
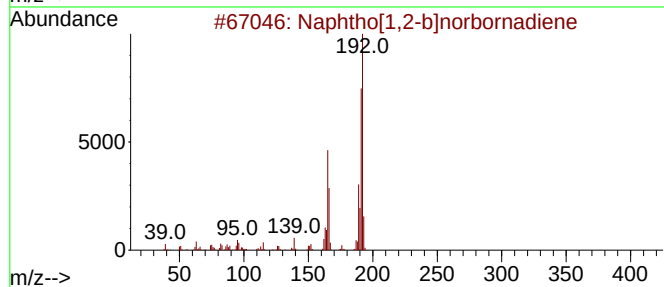
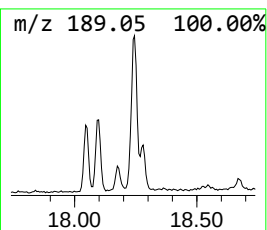
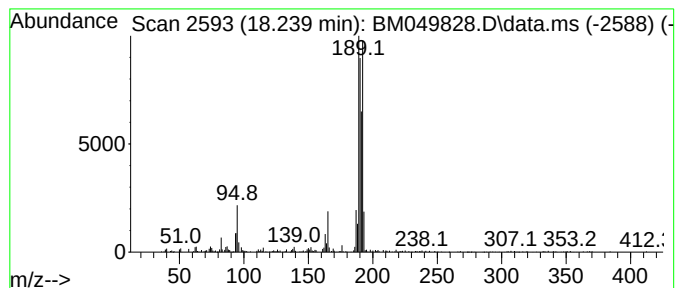
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown18.239 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.16 ng	582633	Phenanthrene-d10	17.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
2			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	42
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	41



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	18.045	2.2	ng	410631	4	17.174	3688840	20.0
Phenanthrene, 1...	18.098	2.5	ng	454636	4	17.174	3688840	20.0
unknown18.239	18.239	3.2	ng	582633	4	17.174	3688840	20.0