

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057897.D
 Acq On : 28 Jun 2023 18:00
 Operator : CG/JU
 Sample : 03413-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062623

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-BG062723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.031	324	331	338	rBV	25897	40899	3.58%	0.375%
2	5.495	402	410	420	rBV	435067	704436	61.59%	6.459%
3	7.082	672	680	692	rBV	441209	758398	66.31%	6.954%
4	7.922	813	823	830	rBV	246070	411296	35.96%	3.771%
5	9.080	1013	1020	1027	rBV	272596	464505	40.61%	4.259%
6	9.144	1028	1031	1036	rVB3	7617	12477	1.09%	0.114%
7	10.725	1288	1300	1307	rBV	328730	611569	53.47%	5.608%
8	10.877	1322	1326	1332	rVB3	9986	18071	1.58%	0.166%
9	11.635	1451	1455	1464	rVB8	5403	11927	1.04%	0.109%
10	11.741	1468	1473	1478	rBV3	10784	18359	1.61%	0.168%
11	12.135	1533	1540	1549	rBV3	16314	31106	2.72%	0.285%
12	13.092	1698	1703	1708	rVB2	13466	21228	1.86%	0.195%
13	13.181	1708	1718	1724	rBV	626629	988832	86.46%	9.067%
14	13.374	1747	1751	1758	rVB2	15763	23544	2.06%	0.216%
15	14.033	1859	1863	1867	rVB2	11371	13612	1.19%	0.125%
16	14.450	1929	1934	1938	rBV	18551	27682	2.42%	0.254%
17	14.555	1943	1952	1959	rVV	488616	751860	65.74%	6.894%
18	14.620	1959	1963	1968	rVB3	8638	13518	1.18%	0.124%
19	15.396	2091	2095	2099	rVB	19723	23945	2.09%	0.220%
20	15.601	2124	2130	2135	rBV3	12315	24541	2.15%	0.225%
21	15.807	2161	2165	2169	rVB4	9115	14034	1.23%	0.129%
22	15.907	2177	2182	2187	rVB2	35067	56164	4.91%	0.515%
23	16.042	2198	2205	2215	rBV	499550	749977	65.57%	6.877%
24	16.259	2238	2242	2244	rBV2	23008	31774	2.78%	0.291%
25	16.606	2295	2301	2304	rBV7	6894	11895	1.04%	0.109%
26	16.829	2335	2339	2343	rBV7	6879	12484	1.09%	0.114%
27	17.053	2370	2377	2381	rBV2	21387	33430	2.92%	0.307%
28	17.111	2381	2387	2390	rBV7	14882	27657	2.42%	0.254%
29	17.299	2413	2419	2423	rBV	557181	842980	73.70%	7.729%
30	17.340	2423	2426	2433	rVV	134506	190048	16.62%	1.743%
31	17.434	2437	2442	2446	rVB	33789	50852	4.45%	0.466%
32	17.487	2447	2451	2454	rBV5	7673	11584	1.01%	0.106%
33	17.705	2484	2488	2497	rBV5	11486	29533	2.58%	0.271%
34	17.787	2499	2502	2506	rBV	18278	24664	2.16%	0.226%
35	17.875	2514	2517	2521	rBV5	9014	15274	1.34%	0.140%
36	18.028	2538	2543	2546	rBV5	8522	14395	1.26%	0.132%

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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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.181	2564	2569	2573	rBV2	51198	95306	8.33%	0.874%
38	18.222	2573	2576	2581	rVB2	45209	65712	5.75%	0.603%
39	18.298	2587	2589	2594	rVB2	14069	22549	1.97%	0.207%
40	18.369	2596	2601	2606	rBV2	46331	94192	8.24%	0.864%
41	18.486	2617	2621	2624	rBV	22655	29473	2.58%	0.270%
42	18.674	2650	2653	2656	rBV3	19382	22212	1.94%	0.204%
43	19.091	2720	2724	2726	rBV	36889	51368	4.49%	0.471%
44	19.232	2744	2748	2753	rBV3	24631	47210	4.13%	0.433%
45	19.356	2763	2769	2776	rBV	390634	565402	49.44%	5.184%
46	19.714	2826	2830	2838	rVB	372614	569980	49.84%	5.226%
47	19.914	2859	2864	2869	rVB	904010	1143722	100.00%	10.487%
48	21.553	3136	3143	3148	rBV2	516105	1110589	97.10%	10.183%

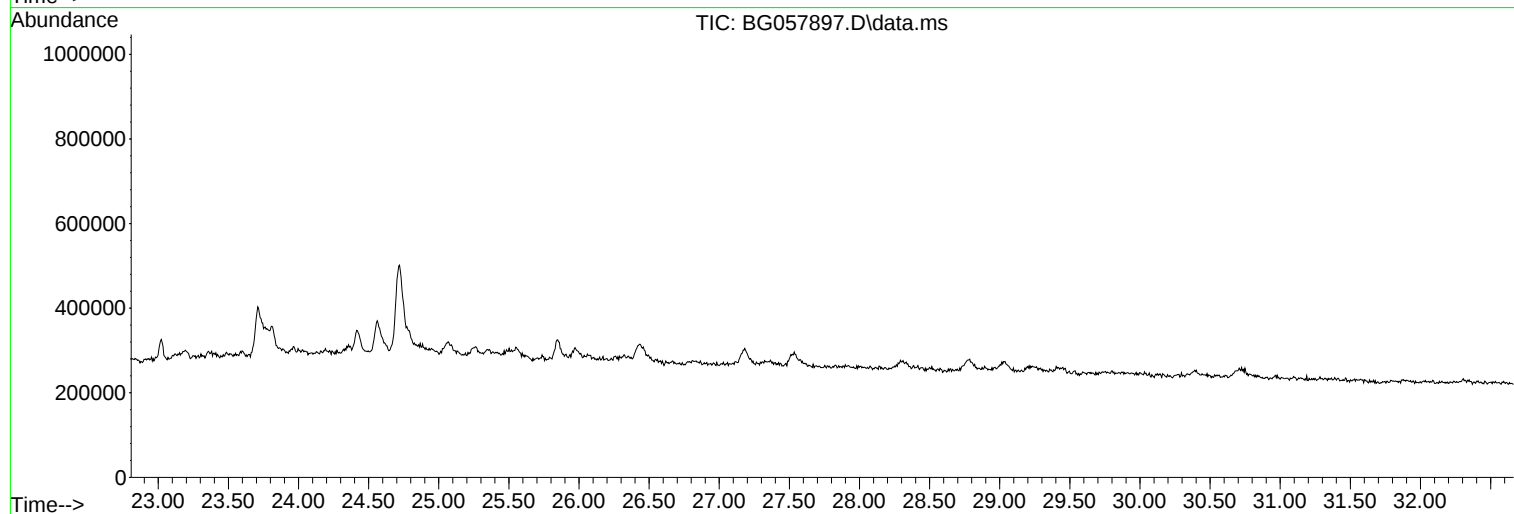
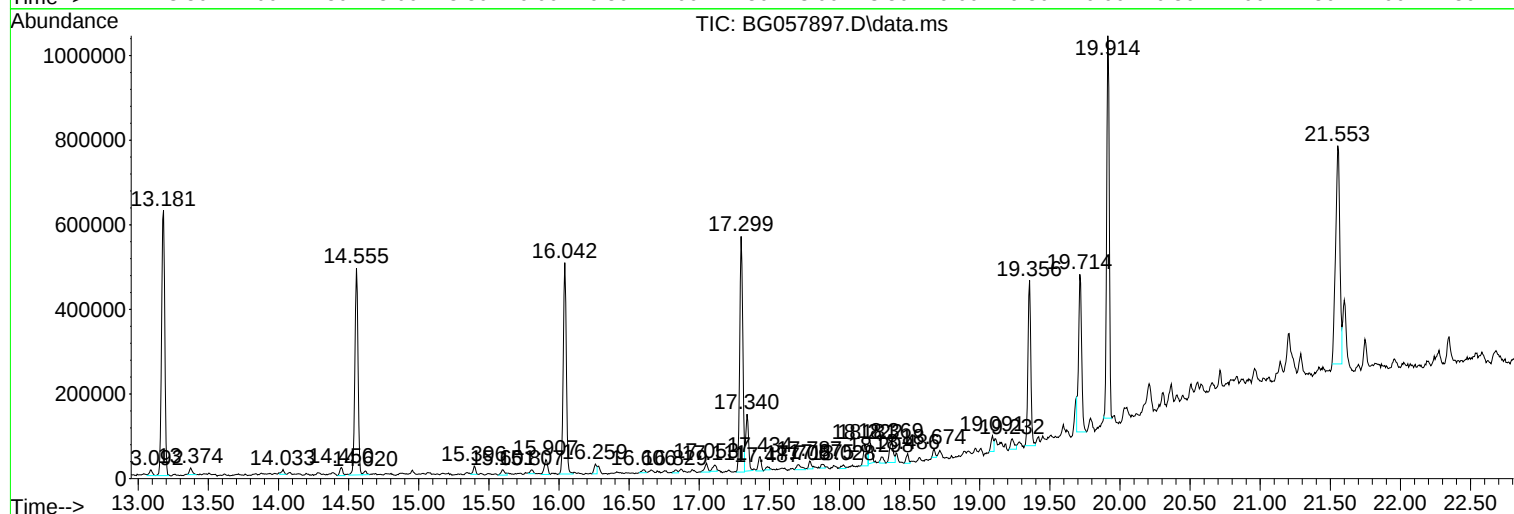
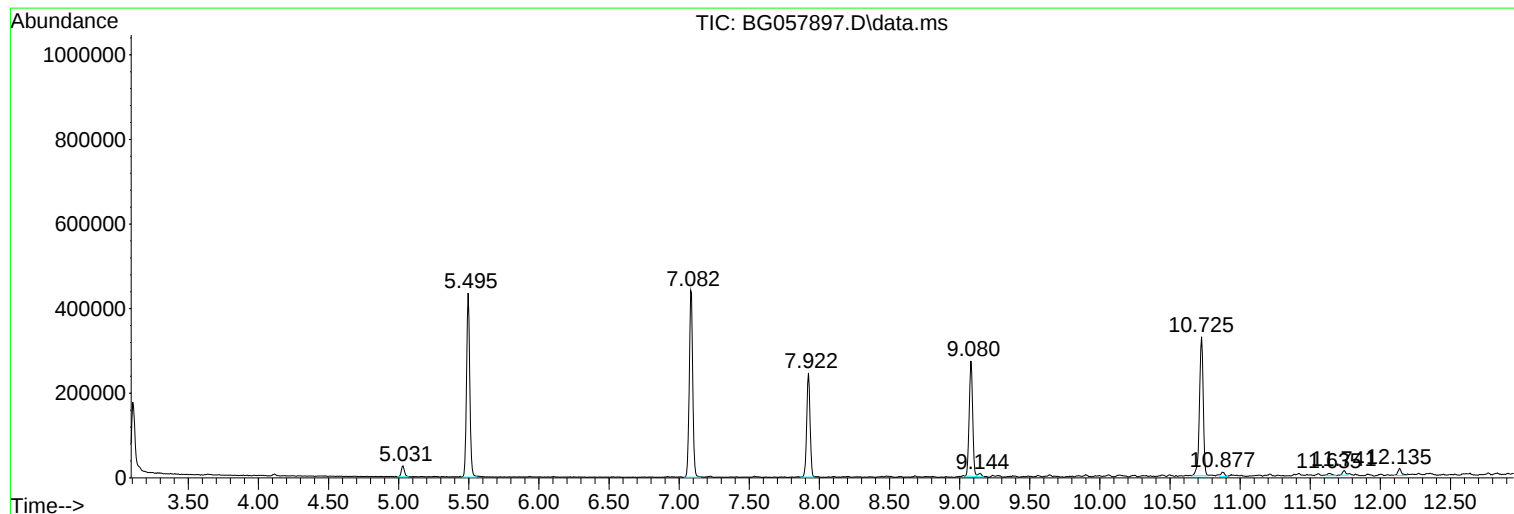
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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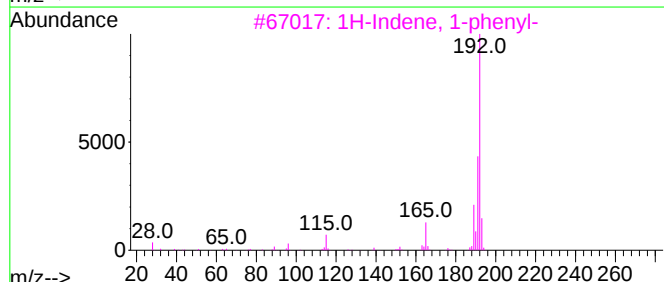
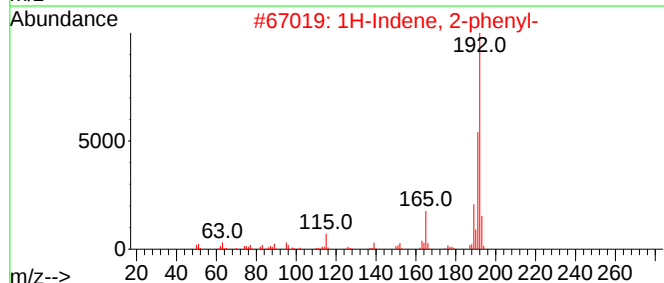
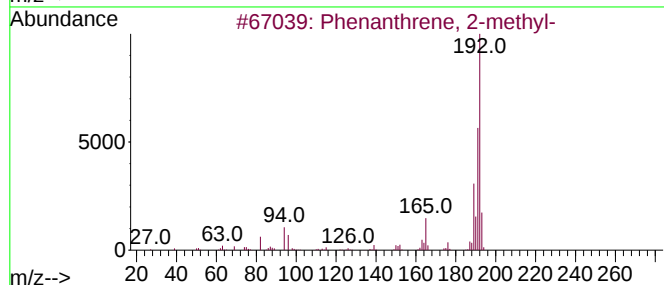
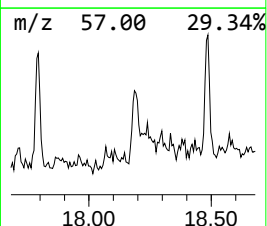
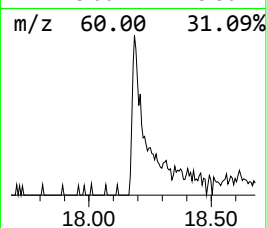
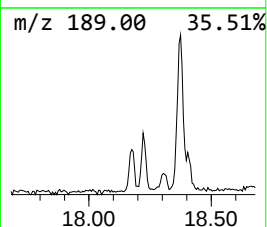
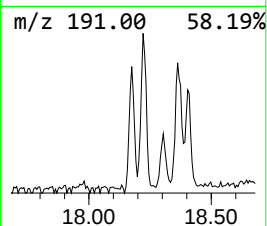
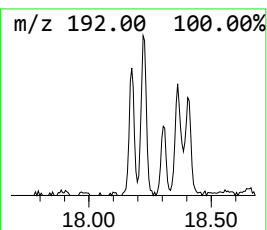
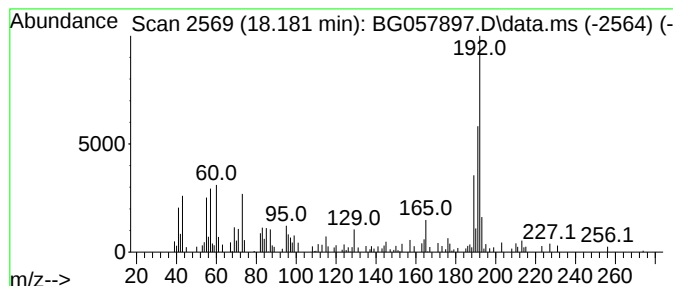
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	2.26 ng	95306	Phenanthrene-d10	17.299

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	64
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64



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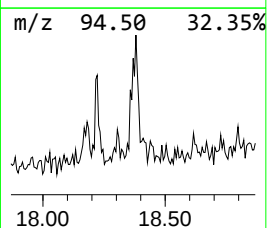
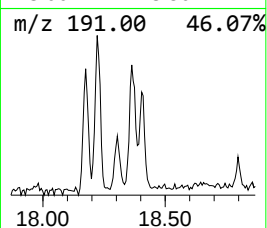
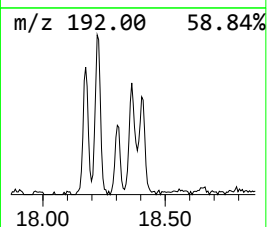
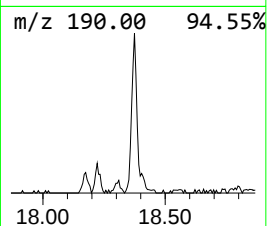
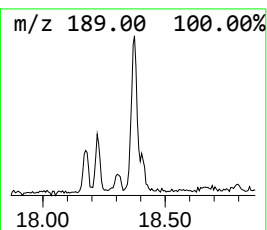
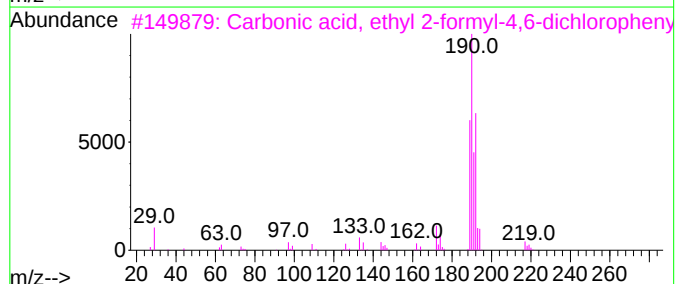
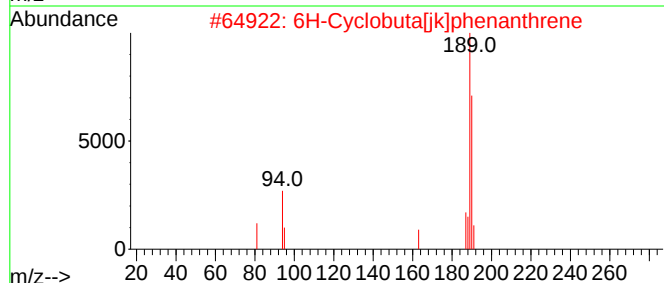
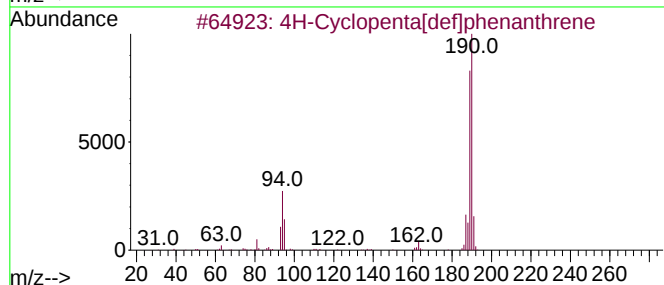
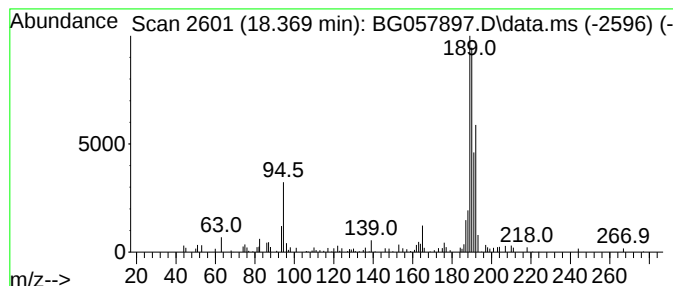
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.369	2.23 ng	94192	Phenanthrene-d10	17.299	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	43
5	Benzene, 1,1'-(1,2-propadienyli...	192	C15H12	014251-57-1	22



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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
Phenanthrene, 2...	18.181	2.3	ng	95306	4	17.299	842980	20.0
4H-Cyclopenta[d...	18.369	2.2	ng	94192	4	17.299	842980	20.0