

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035166.D
 Acq On : 19 May 2022 23:23
 Operator : CG/JU
 Sample : N2942-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RATZER-RD-SP

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	324	328	338	rVB	48936	72430	1.67%	0.205%
2	5.481	401	407	425	rVB	1485158	2126863	49.10%	6.011%
3	7.075	671	678	696	rBV	1372168	2219076	51.23%	6.271%
4	7.904	812	819	827	rBV	643624	995640	22.98%	2.814%
5	9.063	1009	1016	1028	rBV	850260	1423565	32.86%	4.023%
6	10.704	1288	1295	1309	rBV	754861	1279744	29.54%	3.617%
7	13.169	1706	1714	1724	rBV	2188549	3164084	73.04%	8.942%
8	13.998	1845	1855	1859	rBV	38974	66906	1.54%	0.189%
9	14.263	1894	1900	1910	rBV	164533	263354	6.08%	0.744%
10	14.539	1939	1947	1954	rBV	1099199	1643389	37.94%	4.644%
11	16.027	2192	2200	2211	rBV	1655979	2310075	53.33%	6.528%
12	16.263	2235	2240	2248	rBV4	29623	54762	1.26%	0.155%
13	17.286	2407	2414	2418	rBV	1316937	1837004	42.41%	5.191%
14	17.327	2418	2421	2427	rVB	272686	377775	8.72%	1.068%
15	17.415	2432	2436	2441	rVB	118437	171443	3.96%	0.485%
16	18.186	2559	2567	2569	rBV2	133078	270508	6.24%	0.764%
17	18.210	2569	2571	2576	rVB	109981	142643	3.29%	0.403%
18	18.292	2581	2585	2589	rVV	43849	64798	1.50%	0.183%
19	18.357	2591	2596	2600	rVV2	129992	253845	5.86%	0.717%
20	18.398	2600	2603	2611	rVB	70641	98985	2.29%	0.280%
21	18.662	2645	2648	2652	rBV	53822	64196	1.48%	0.181%
22	18.704	2652	2655	2661	rVB3	52539	75310	1.74%	0.213%
23	19.080	2715	2719	2723	rBV2	94954	135797	3.13%	0.384%
24	19.139	2724	2729	2733	rBV4	37243	82197	1.90%	0.232%
25	19.215	2739	2742	2750	rBV3	61164	110454	2.55%	0.312%
26	19.345	2759	2764	2771	rVB	843046	1124078	25.95%	3.177%
27	19.462	2782	2784	2786	rBV2	56715	52816	1.22%	0.149%
28	19.492	2786	2789	2794	rVB	101182	129569	2.99%	0.366%
29	19.704	2816	2825	2834	rBV	913399	1389969	32.09%	3.928%
30	19.786	2835	2839	2844	rVB4	50052	87065	2.01%	0.246%
31	19.909	2855	2860	2865	rBV	3804433	4331875	100.00%	12.242%
32	20.033	2876	2881	2888	rBV4	93095	229002	5.29%	0.647%
33	20.203	2906	2910	2914	rVB	178118	226803	5.24%	0.641%
34	20.303	2923	2927	2931	rBV	110276	135643	3.13%	0.383%
35	20.362	2933	2937	2941	rVV2	105590	155954	3.60%	0.441%
36	20.498	2958	2960	2964	rBV	62509	72163	1.67%	0.204%

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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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.545	2966	2968	2972	rVB	105571	107592	2.48%	0.304%
38	21.186	3074	3077	3083	rBV2	195312	279033	6.44%	0.789%
39	21.468	3118	3125	3129	rBV2	1878517	3183001	73.48%	8.995%
40	21.503	3129	3131	3139	rVB	524496	695132	16.05%	1.964%
41	23.133	3404	3408	3414	rBV	407766	903074	20.85%	2.552%
42	23.750	3509	3513	3521	rVB	455363	886818	20.47%	2.506%
43	23.856	3525	3531	3537	rBV2	1081274	2090515	48.26%	5.908%

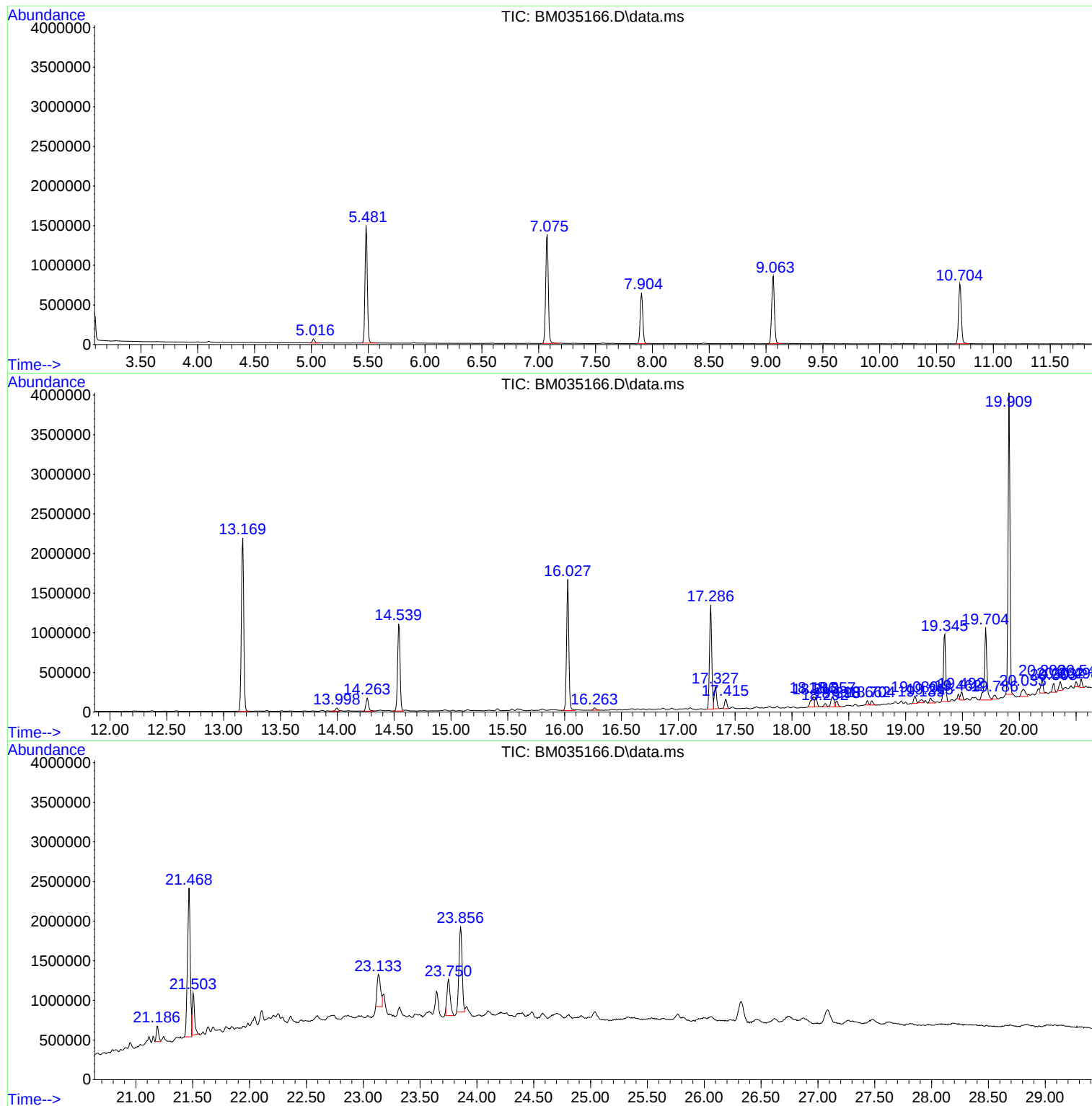
Sum of corrected areas: 35384945

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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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Instrument :
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ClientSampleId :
RATZER-RD-SP

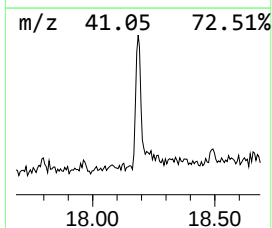
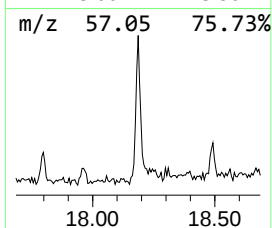
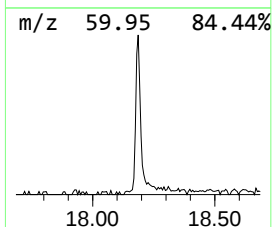
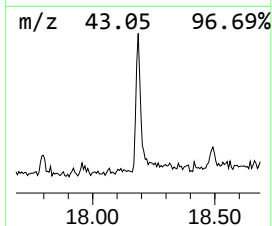
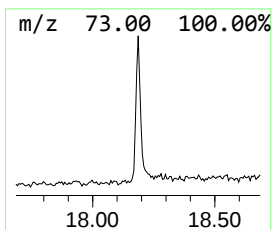
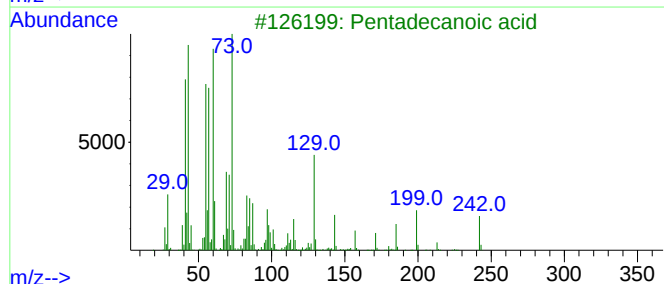
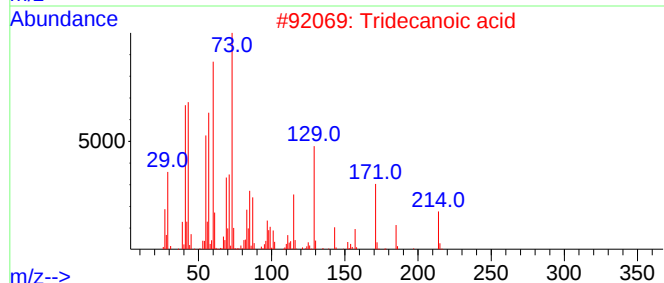
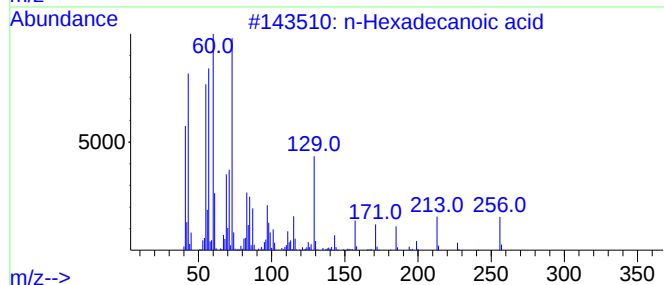
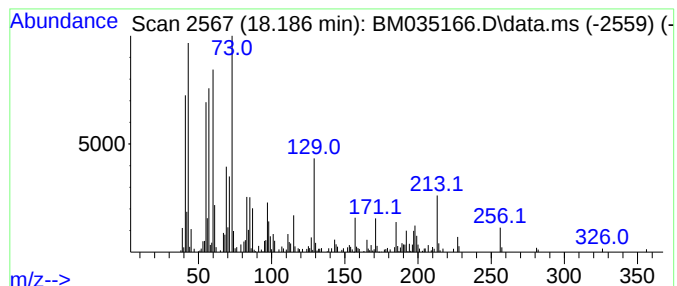
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.95 ng	270508	Phenanthrene-d10	17.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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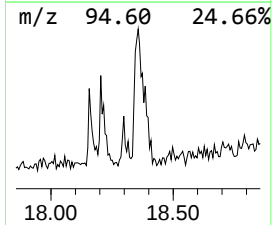
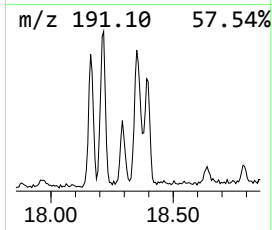
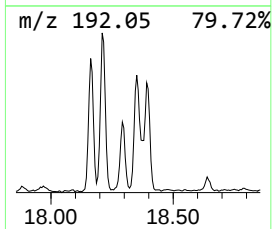
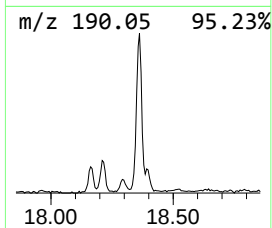
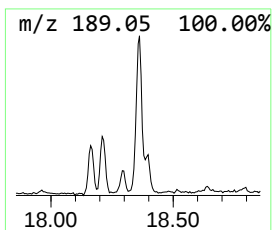
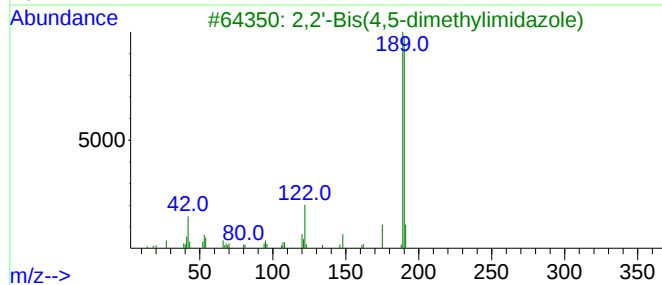
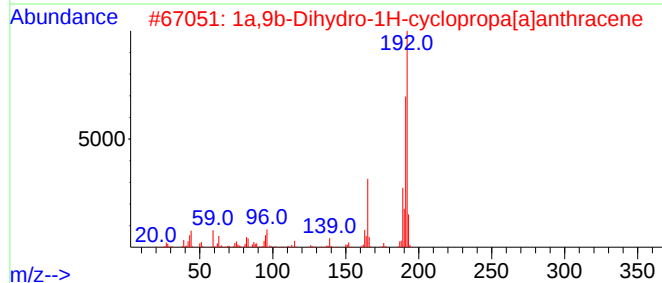
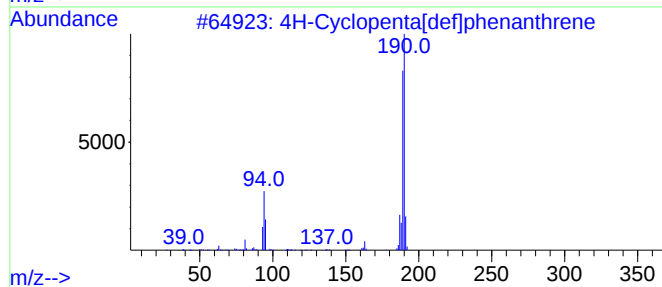
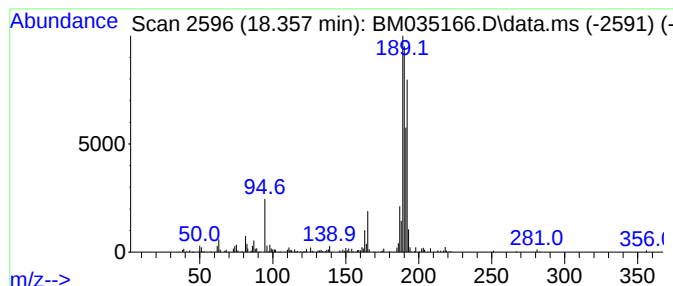
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.76 ng	253845	Phenanthrene-d10	17.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	35
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	27



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.186	3.0	ng	270508	4	17.286	1837000	20.0
4H-Cyclopenta[d...	18.357	2.8	ng	253845	4	17.286	1837000	20.0