

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054351.D
 Acq On : 21 Jul 2022 19:11
 Operator : CG/JU
 Sample : N3786-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA

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: BG054351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.571	365	371	382	rBV	243849	421871	30.37%	5.784%
2	7.180	637	645	657	rVB	270463	476971	34.34%	6.540%
3	7.997	777	784	794	rBV	66866	115361	8.30%	1.582%
4	9.160	974	982	992	rBV	167209	307296	22.12%	4.213%
5	10.806	1254	1262	1270	rBV	89032	161014	11.59%	2.208%
6	13.256	1671	1679	1687	rBV	530134	845458	60.87%	11.592%
7	14.360	1861	1867	1877	rBV2	9196	18798	1.35%	0.258%
8	14.631	1906	1913	1921	rBV	156392	256828	18.49%	3.521%
9	16.123	2160	2167	2177	rBV3	543450	840207	60.49%	11.520%
10	17.380	2374	2381	2385	rBV	208640	339633	24.45%	4.657%
11	17.421	2385	2388	2395	rVB	71711	100425	7.23%	1.377%
12	17.509	2395	2403	2407	rBV2	15466	31384	2.26%	0.430%
13	18.038	2488	2493	2498	rVB2	18869	24122	1.74%	0.331%
14	18.262	2526	2531	2535	rBV3	23426	39662	2.86%	0.544%
15	18.303	2535	2538	2544	rVB3	12185	19141	1.38%	0.262%
16	18.455	2557	2564	2574	rVB3	16169	43079	3.10%	0.591%
17	19.113	2673	2676	2680	rBV5	12788	19322	1.39%	0.265%
18	19.207	2689	2692	2695	rVB4	13079	14819	1.07%	0.203%
19	19.431	2725	2730	2737	rBV	175720	256347	18.45%	3.515%
20	19.760	2783	2786	2788	rBV2	17595	23218	1.67%	0.318%
21	19.795	2788	2792	2798	rVB	131202	186724	13.44%	2.560%
22	19.860	2801	2803	2807	rBV4	9707	14900	1.07%	0.204%
23	19.989	2819	2825	2830	rBV	1079719	1389061	100.00%	19.046%
24	20.112	2841	2846	2853	rBV8	15885	44462	3.20%	0.610%
25	20.283	2873	2875	2881	rVB2	27076	36308	2.61%	0.498%
26	20.388	2889	2893	2895	rBV	19422	23622	1.70%	0.324%
27	21.646	3099	3107	3112	rBV2	261503	549731	39.58%	7.538%
28	23.837	3474	3480	3486	rBV2	57336	164076	11.81%	2.250%
29	24.707	3622	3628	3640	rVB	59671	164606	11.85%	2.257%
30	24.860	3645	3654	3661	rBV2	129547	364743	26.26%	5.001%

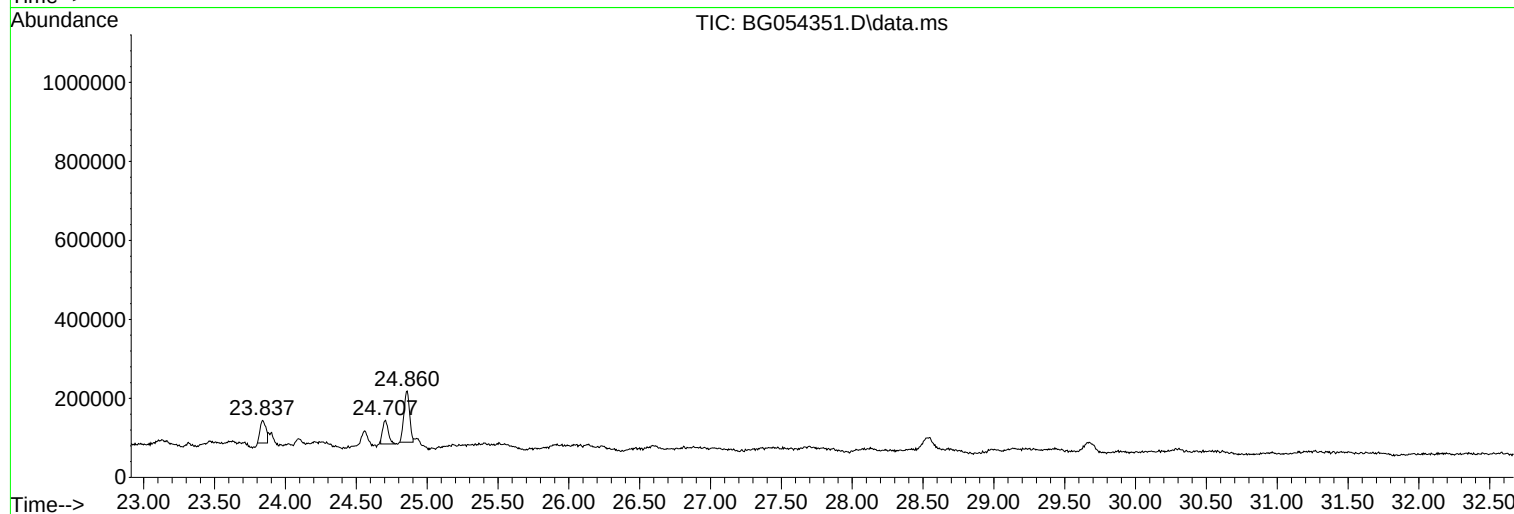
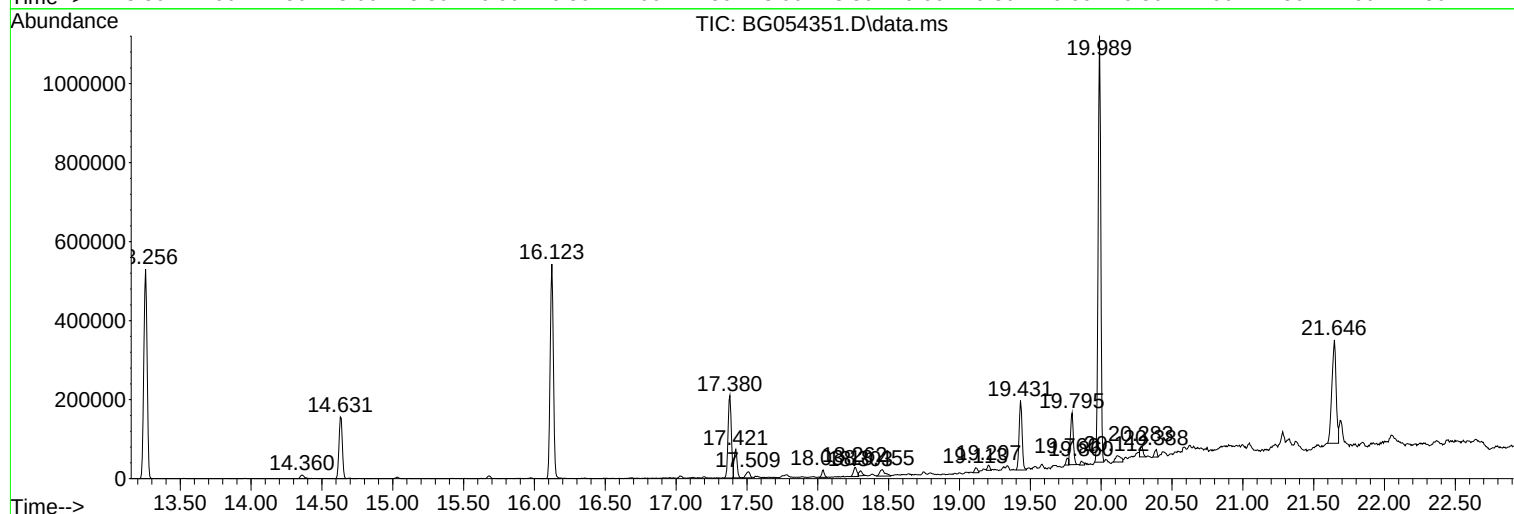
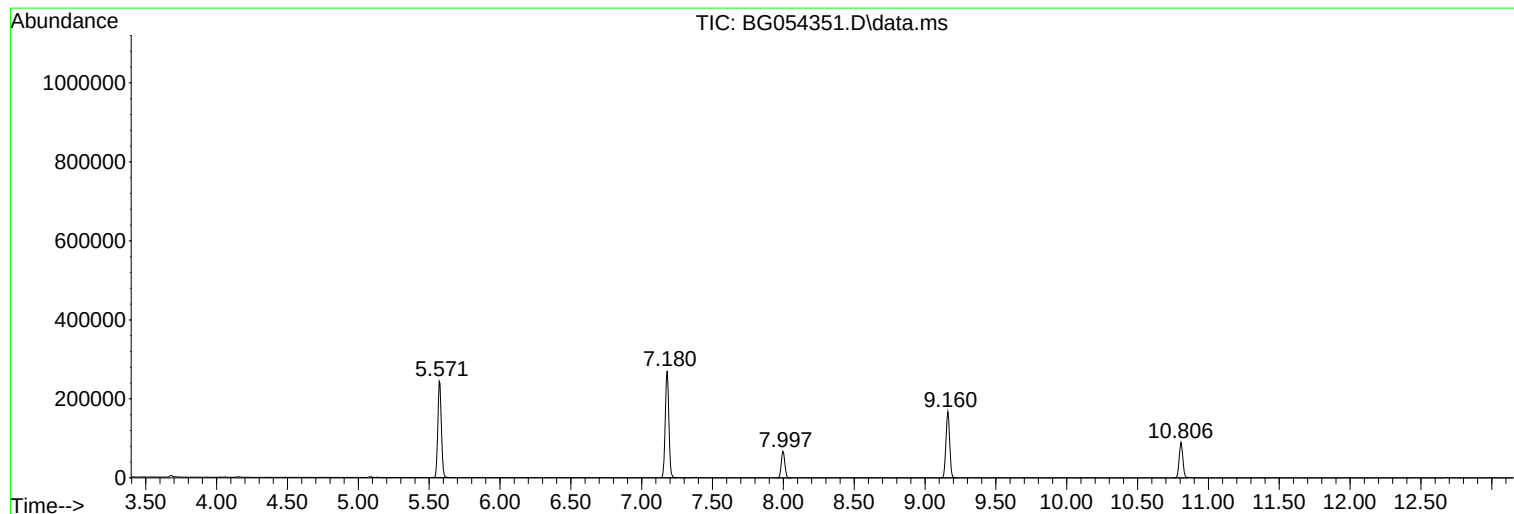
Sum of corrected areas: 7293189

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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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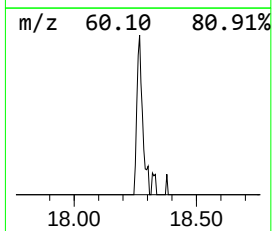
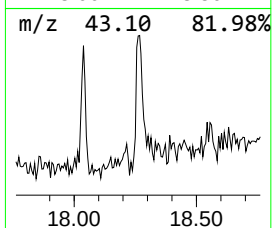
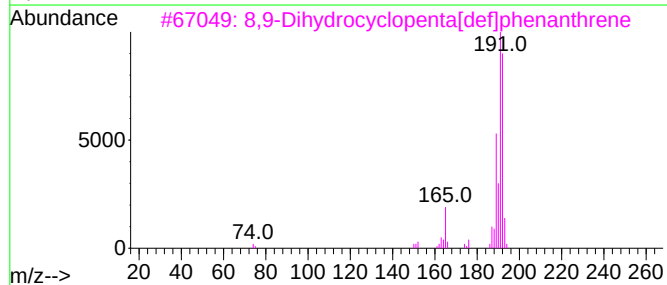
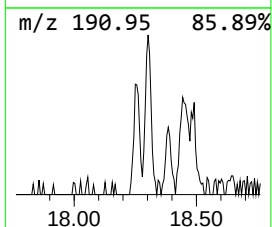
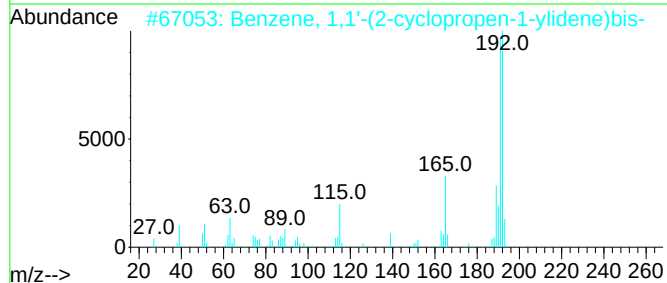
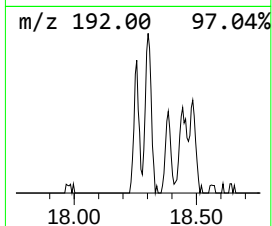
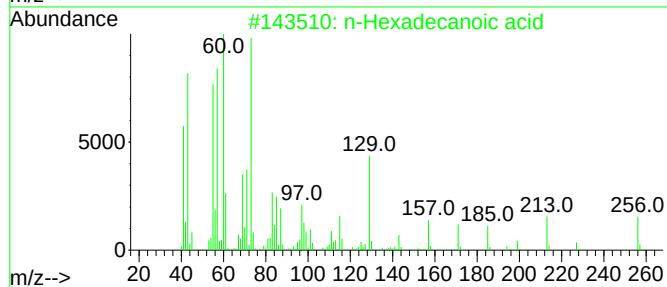
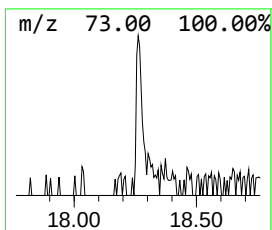
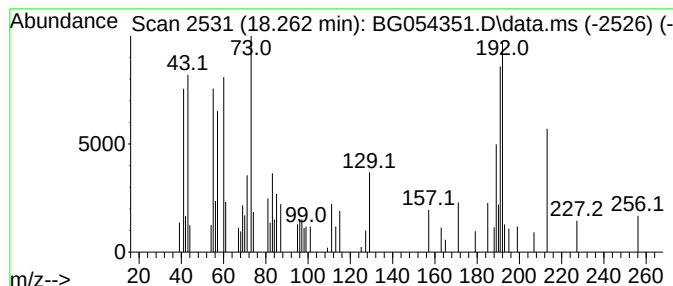
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	2.34 ng	39662	Phenanthrene-d10	17.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38
3			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	27
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	15



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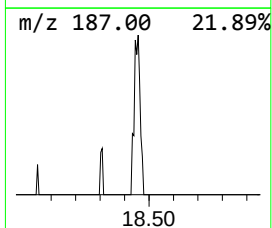
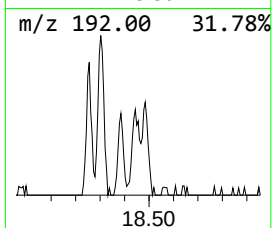
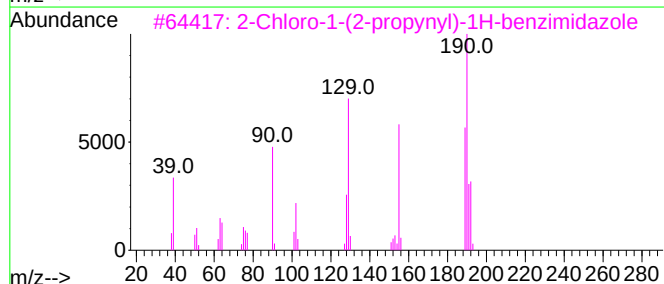
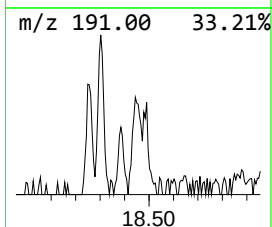
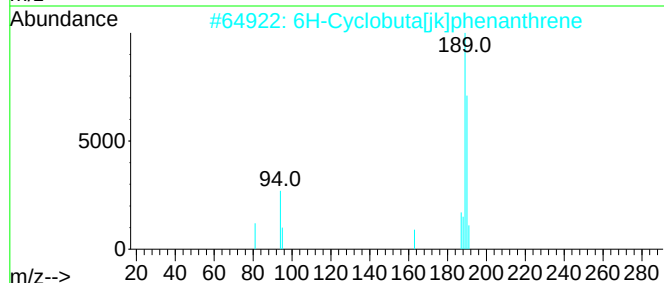
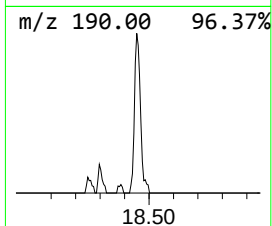
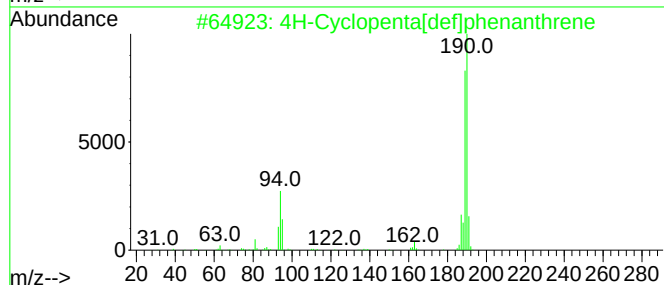
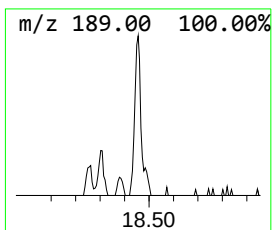
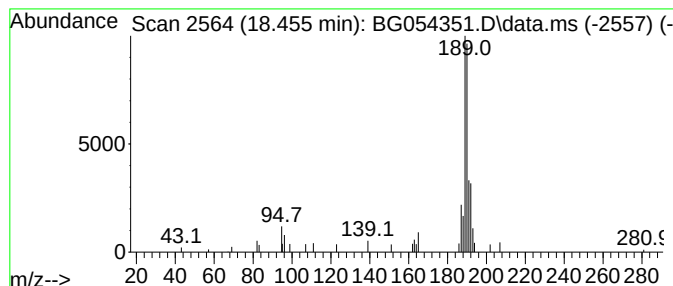
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TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.455	2.54 ng	43079	Phenanthrene-d10	17.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2-Chloro-1-(2-propynyl)-1H-benzi...	190	C10H7ClN2	080276-19-3	47
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.262	2.3	ng	39662	4	17.380	339633	20.0
4H-Cyclopenta[d...]	18.455	2.5	ng	43079	4	17.380	339633	20.0