

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008215.D
 Acq On : 03 Dec 2021 20:50
 Operator : CG/JU
 Sample : M4915-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-1-7

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_P\Methods\8270E-BP112521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.423	69	74	80	rBV	17581	24920	1.50%	0.184%
2	4.117	187	192	198	rVB	16678	26111	1.57%	0.193%
3	4.922	323	329	336	rVB	40977	59386	3.57%	0.439%
4	5.387	400	408	415	rBV	246193	371247	22.31%	2.745%
5	6.981	670	679	694	rVB	207298	372361	22.37%	2.753%
6	7.793	810	817	825	rBV	451593	707830	42.53%	5.233%
7	8.952	1008	1014	1023	rBV	139420	242830	14.59%	1.795%
8	10.593	1283	1293	1299	rBV	564034	985652	59.22%	7.287%
9	11.434	1430	1436	1443	rBV8	9246	23214	1.39%	0.172%
10	13.057	1706	1712	1723	rBV	333227	533844	32.08%	3.947%
11	13.898	1848	1855	1865	rBV6	10221	27570	1.66%	0.204%
12	14.163	1895	1900	1908	rBV	82706	133564	8.02%	0.987%
13	14.440	1939	1947	1955	rBV	797404	1257157	75.53%	9.294%
14	15.492	2123	2126	2131	rBV2	18031	28843	1.73%	0.213%
15	15.940	2197	2202	2212	rBV	241250	399177	23.98%	2.951%
16	16.175	2238	2242	2248	rBV8	25436	49138	2.95%	0.363%
17	17.204	2411	2417	2421	rBV	939187	1395884	83.87%	10.320%
18	17.245	2421	2424	2433	rVV	399442	562076	33.77%	4.156%
19	17.339	2436	2440	2445	rVB	126936	179710	10.80%	1.329%
20	18.075	2562	2565	2567	rBV	78267	89084	5.35%	0.659%
21	18.104	2567	2570	2579	rVB2	165179	348448	20.94%	2.576%
22	18.263	2593	2597	2601	rBV2	119020	195859	11.77%	1.448%
23	19.222	2756	2760	2768	rBV	909001	1259549	75.68%	9.312%
24	19.575	2817	2820	2828	rVB	726249	1039583	62.46%	7.686%
25	19.775	2850	2854	2859	rVB	488714	588661	35.37%	4.352%
26	21.310	3110	3115	3119	rBV2	1013423	1664355	100.00%	12.305%
27	23.710	3520	3523	3529	rVB	542704	959976	57.68%	7.097%

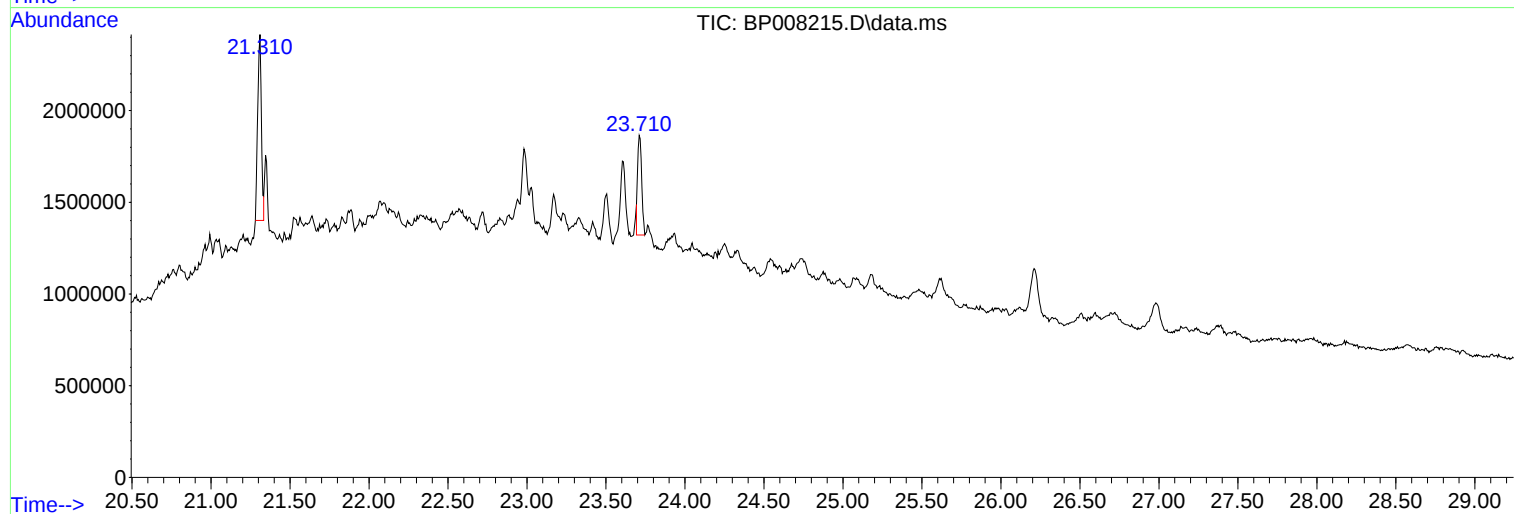
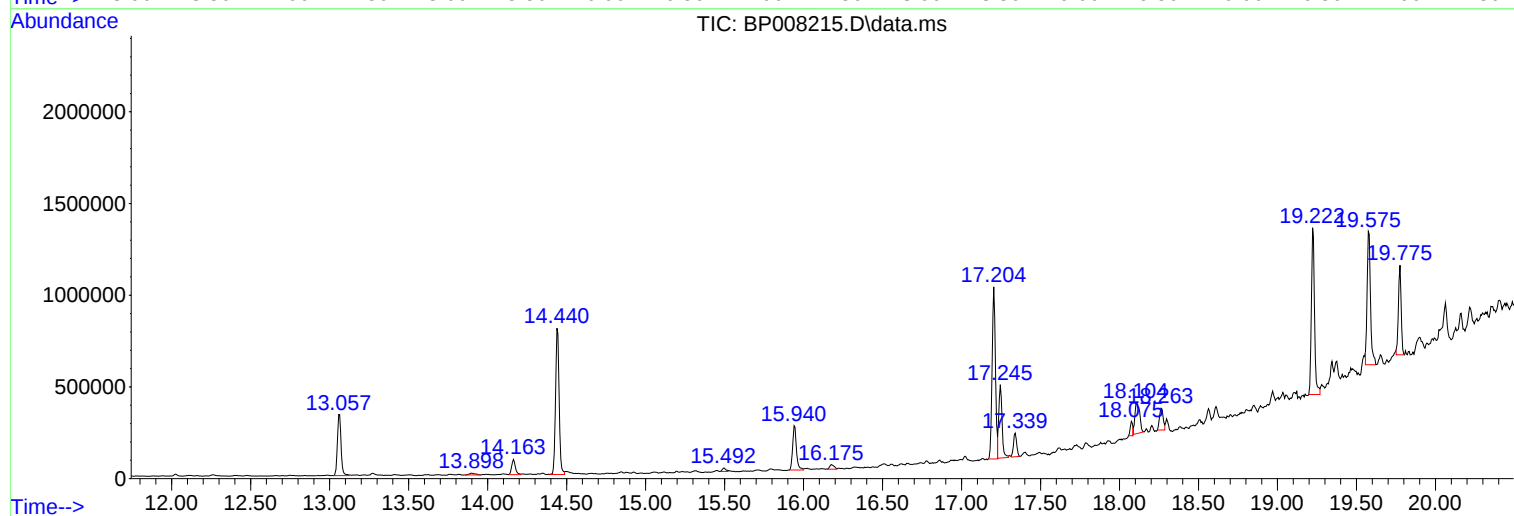
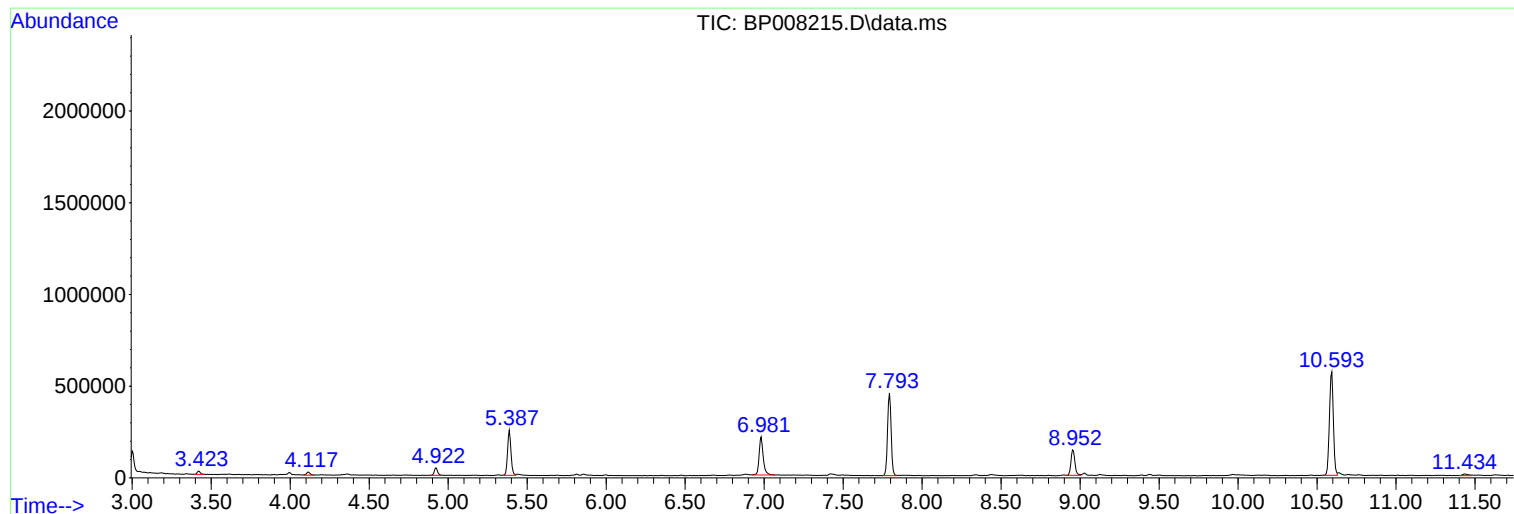
Sum of corrected areas: 13526029

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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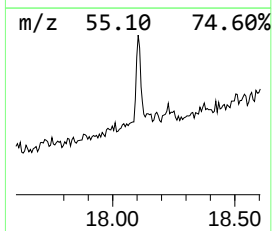
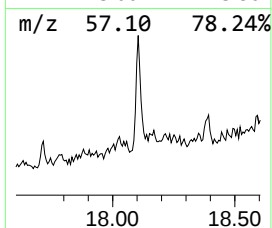
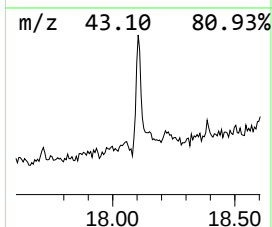
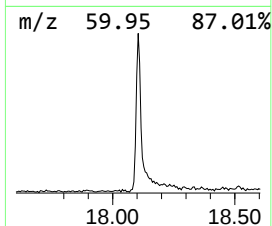
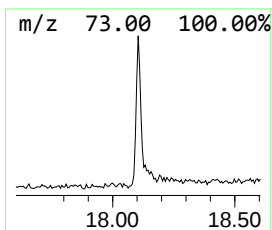
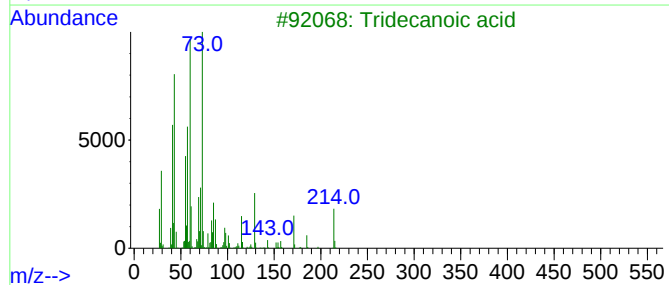
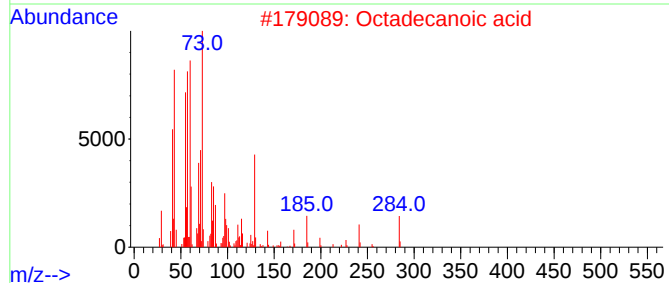
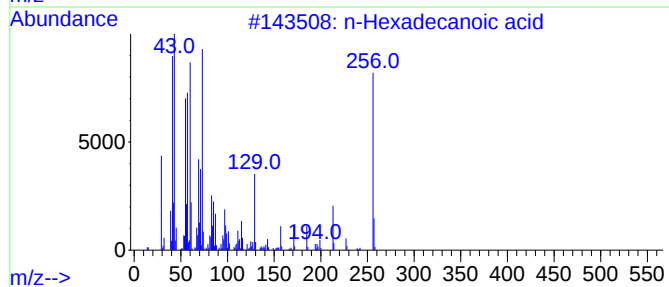
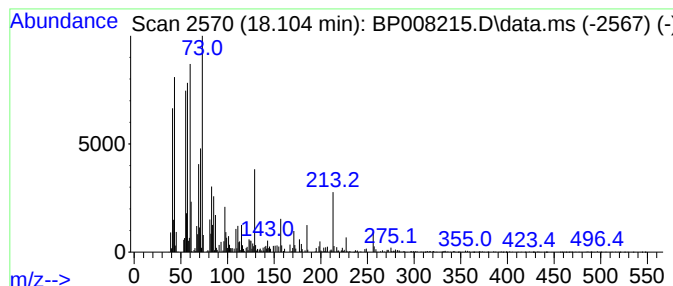
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	4.99 ng	348448	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



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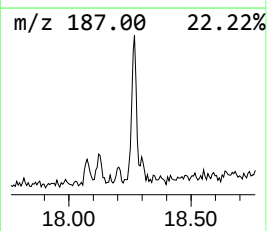
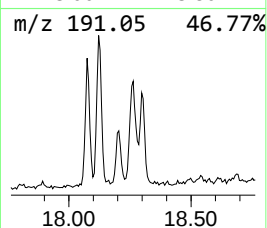
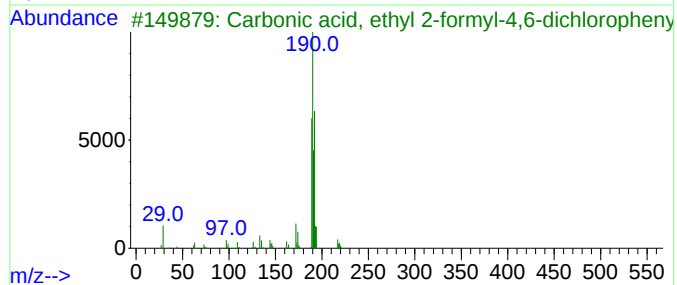
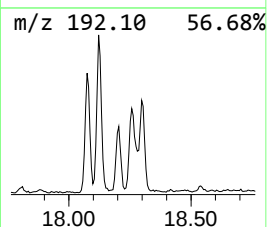
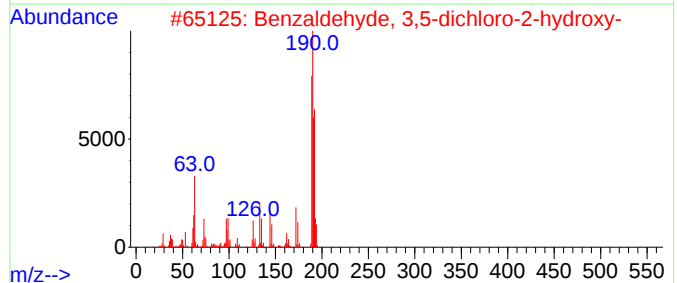
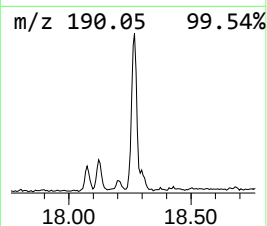
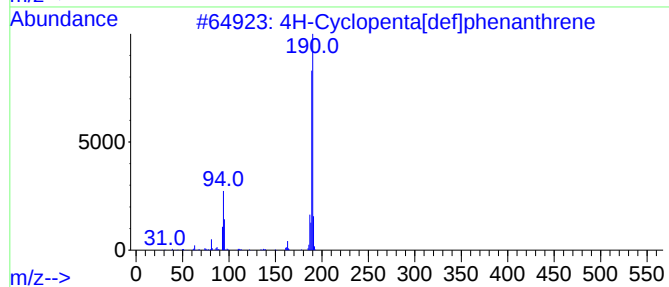
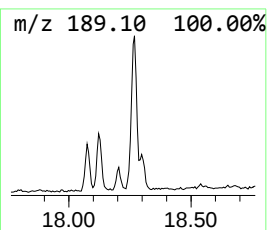
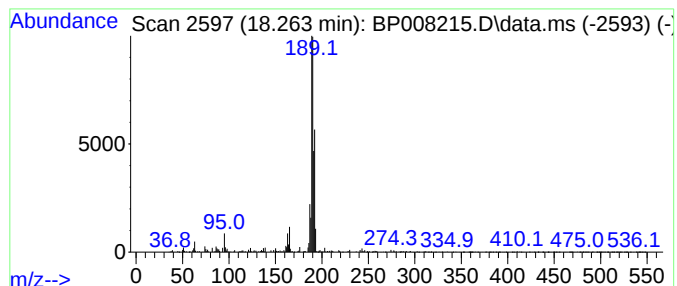
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.81 ng	195859	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.104	5.0	ng	348448	4	17.204	1395880	20.0
4H-Cyclopenta[d...]	18.263	2.8	ng	195859	4	17.204	1395880	20.0