

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003417.D
 Acq On : 30 Sep 2020 17:13
 Operator : CG/JU
 Sample : L4179-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-9(7-9)

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\8270-BP091520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.675	299	304	314	rBV	53103	78017	2.28%	0.256%
2	5.152	380	385	407	rBV	691367	1144127	33.44%	3.748%
3	6.740	641	655	677	rBV	689885	1304994	38.14%	4.275%
4	7.534	783	790	803	rBV	510485	846896	24.75%	2.774%
5	8.687	976	986	1000	rBV	486205	907628	26.53%	2.973%
6	10.316	1254	1263	1282	rBV	663345	1239044	36.21%	4.059%
7	12.804	1679	1686	1702	rBV	1539458	2311210	67.55%	7.571%
8	13.657	1825	1831	1842	rBV	153467	250466	7.32%	0.820%
9	13.916	1870	1875	1884	rVB	37588	62472	1.83%	0.205%
10	14.192	1915	1922	1929	rBV	1105603	1643561	48.04%	5.384%
11	14.257	1929	1933	1938	rVB	47288	68809	2.01%	0.225%
12	14.604	1987	1992	1999	rVB	24499	39688	1.16%	0.130%
13	15.251	2097	2102	2115	rVB2	54124	91570	2.68%	0.300%
14	15.692	2171	2177	2190	rBV	825745	1373021	40.13%	4.498%
15	16.616	2329	2334	2341	rVB	26149	42489	1.24%	0.139%
16	16.769	2357	2360	2370	rVB	31781	57109	1.67%	0.187%
17	16.945	2384	2390	2394	rBV	1357913	1920704	56.14%	6.292%
18	16.992	2394	2398	2405	rVV	649069	945528	27.63%	3.097%
19	17.086	2406	2414	2421	rVB	145871	230661	6.74%	0.756%
20	17.363	2454	2461	2466	rBV2	58719	111666	3.26%	0.366%
21	17.828	2535	2540	2544	rBV	97781	133231	3.89%	0.436%
22	17.875	2544	2548	2554	rVB	136105	196113	5.73%	0.642%
23	17.957	2559	2562	2566	rVV	47064	65060	1.90%	0.213%
24	18.016	2567	2572	2576	rVV2	154068	262862	7.68%	0.861%
25	18.051	2576	2578	2586	rVB	69118	94528	2.76%	0.310%
26	18.316	2620	2623	2627	rBV	59179	72660	2.12%	0.238%
27	18.369	2627	2632	2639	rVB	55428	81678	2.39%	0.268%
28	18.604	2669	2672	2676	rBV2	46350	57341	1.68%	0.188%
29	18.645	2676	2679	2684	rVB2	27732	34490	1.01%	0.113%
30	18.728	2688	2693	2697	rBV	62548	100648	2.94%	0.330%
31	18.775	2697	2701	2706	rBV4	43794	77969	2.28%	0.255%
32	18.863	2712	2716	2722	rBV3	50942	95372	2.79%	0.312%
33	18.975	2730	2735	2743	rBV	1176222	1580178	46.18%	5.176%
34	19.127	2758	2761	2766	rBV	26786	37006	1.08%	0.121%
35	19.327	2787	2795	2800	rBV	1008695	1603337	46.86%	5.252%
36	19.410	2806	2809	2814	rVB2	55325	76918	2.25%	0.252%

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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	19.533	2823	2830	2834	rBV	2844575	3421495	100.00%	11.208%
38	19.569	2834	2836	2842	rVB	61236	88892	2.60%	0.291%
39	19.657	2846	2851	2856	rBV3	62353	130418	3.81%	0.427%
40	19.786	2869	2873	2874	rBV2	55694	72983	2.13%	0.239%
41	19.816	2875	2878	2882	rVB2	161649	221672	6.48%	0.726%
42	19.916	2892	2895	2899	rVB	99552	101150	2.96%	0.331%
43	19.975	2902	2905	2909	rVB2	85005	110093	3.22%	0.361%
44	20.075	2919	2922	2925	rBV	117776	145963	4.27%	0.478%
45	20.557	3001	3004	3008	rVB	75418	87318	2.55%	0.286%
46	20.786	3039	3043	3049	rBV3	448385	678717	19.84%	2.223%
47	20.845	3050	3053	3060	rVB2	149600	205410	6.00%	0.673%
48	21.057	3082	3089	3093	rBV2	1746233	2741417	80.12%	8.980%
49	21.092	3093	3095	3100	rVB	465913	473035	13.83%	1.550%
50	22.598	3347	3351	3356	rBV	345632	684162	20.00%	2.241%
51	23.163	3443	3447	3453	rVB	350674	624577	18.25%	2.046%
52	23.263	3458	3464	3470	rVB2	819647	1500249	43.85%	4.915%

Sum of corrected areas: 30526602

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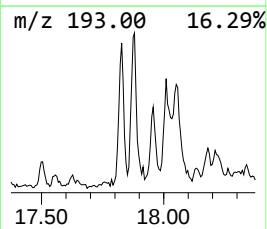
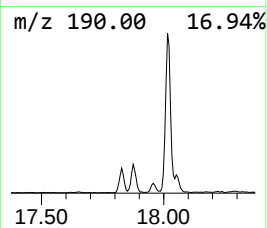
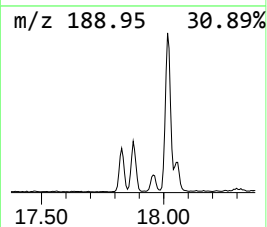
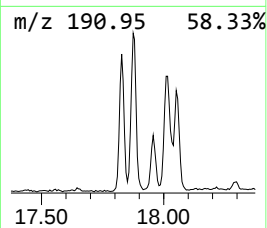
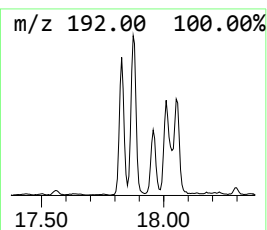
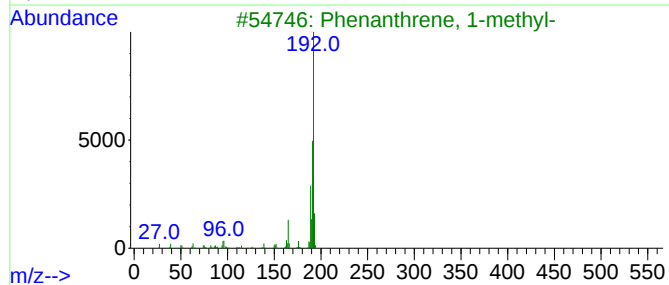
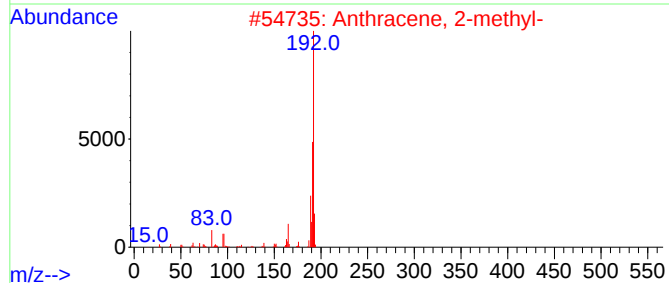
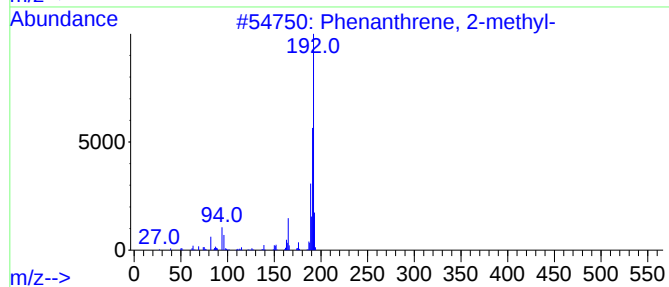
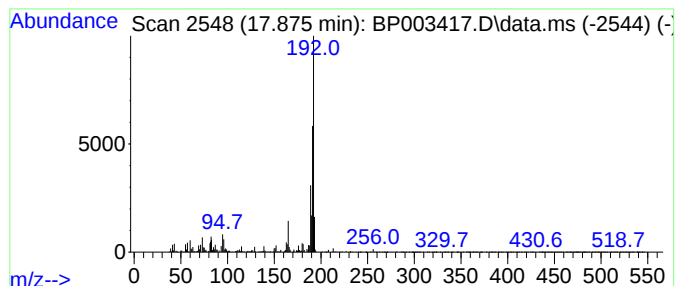
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	2.04 ng	196113	Phenanthrene-d10	16.945

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		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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Misc :
ALS Vial : 4 Sample Multiplier: 1

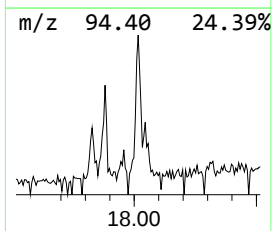
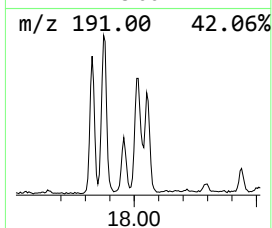
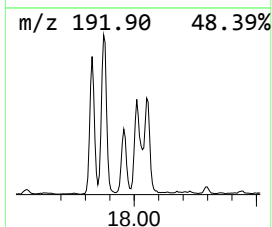
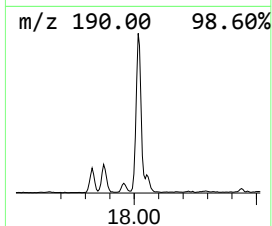
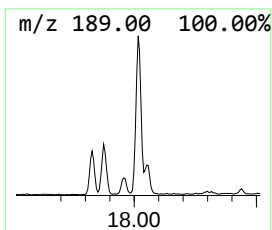
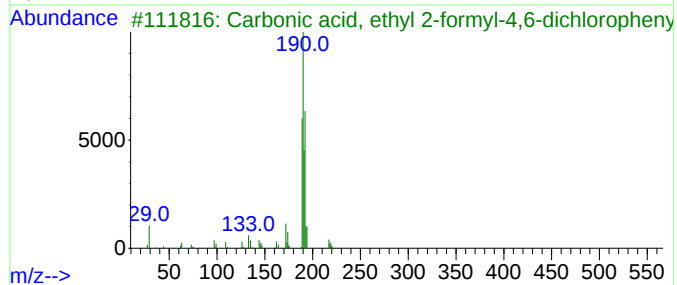
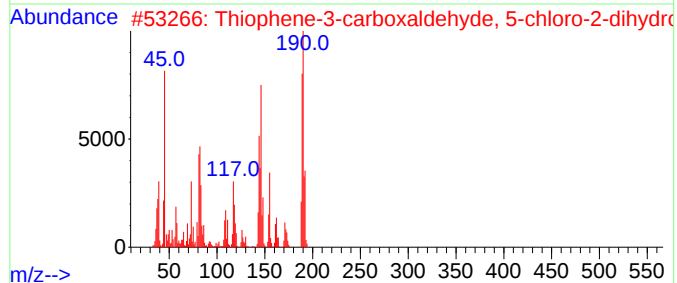
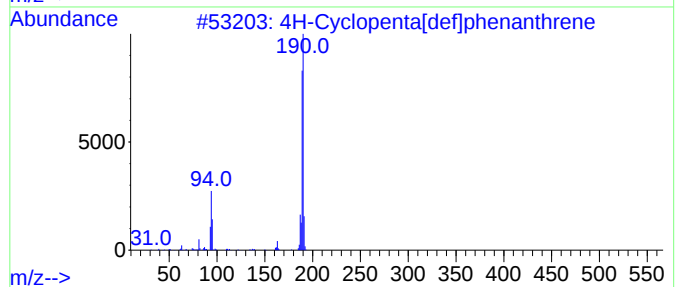
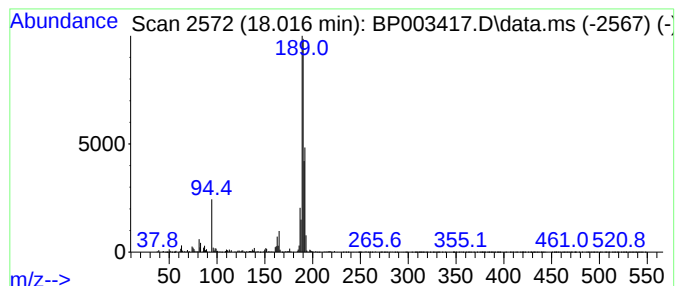
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.016	2.74 ng	262862	Phenanthrene-d10	16.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



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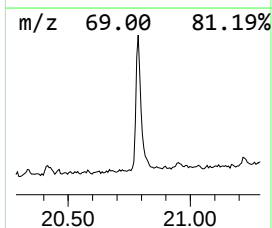
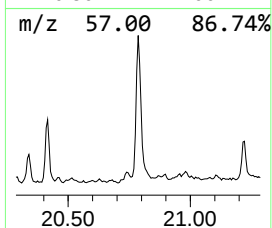
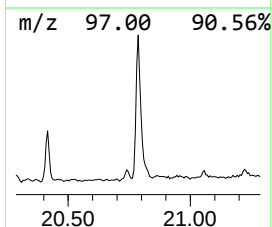
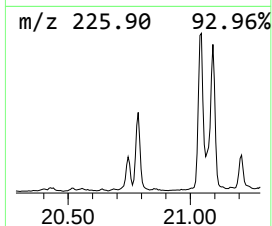
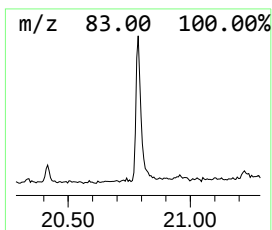
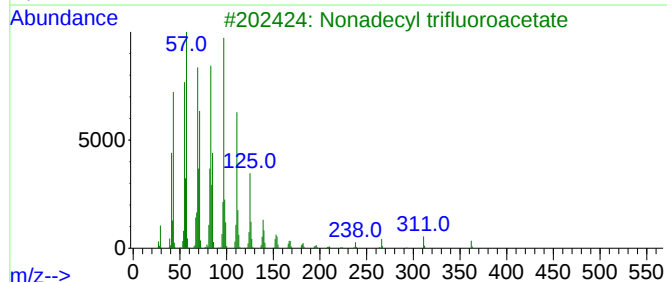
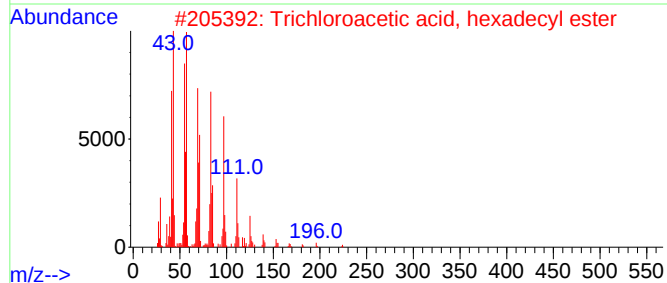
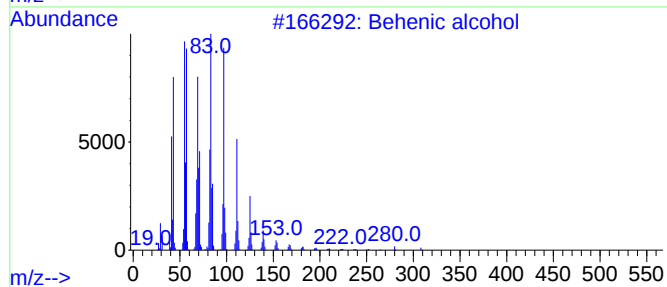
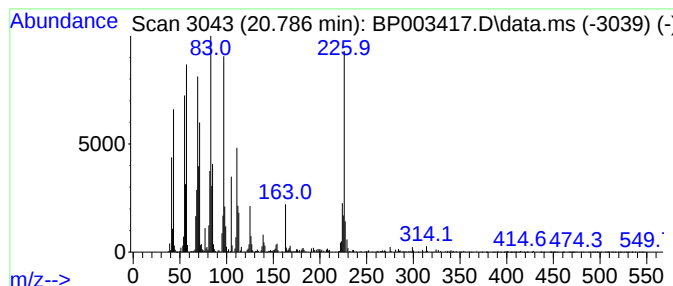
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	4.95 ng	678717	Chrysene-d12	21.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	91
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
3			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	64
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5			1-Heneicosanol	312	C21H44O	015594-90-8	64



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	17.875	2.0	ng	196113	4	16.945	1920700	20.0
4H-Cyclopenta[d]...	18.016	2.7	ng	262862	4	16.945	1920700	20.0
Behenic alcohol	20.786	5.0	ng	678717	5	21.057	2741420	20.0