

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003578.D
 Acq On : 08 Oct 2020 18:57
 Operator : CG/JU
 Sample : L4298-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-559

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: BP003578.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	370	376	400	rBV	504036	814585	36.02%	4.958%
2	6.693	641	647	664	rBV	418713	784963	34.71%	4.777%
3	7.481	774	781	793	rBV	189749	301831	13.35%	1.837%
4	8.634	964	977	1001	rBV	314737	597668	26.43%	3.637%
5	10.257	1246	1253	1270	rBV	227066	413186	18.27%	2.515%
6	12.751	1670	1677	1695	rBV	945348	1440088	63.68%	8.764%
7	13.610	1817	1823	1834	rBV	87508	144161	6.37%	0.877%
8	13.863	1861	1866	1878	rVB	29817	50484	2.23%	0.307%
9	14.140	1907	1913	1921	rBV	372445	539909	23.87%	3.286%
10	15.645	2163	2169	2179	rBV	666857	1067536	47.21%	6.497%
11	16.734	2349	2354	2361	rVB3	17501	42132	1.86%	0.256%
12	16.898	2377	2382	2386	rBV	455218	642251	28.40%	3.909%
13	16.939	2386	2389	2398	rVV	206753	312215	13.81%	1.900%
14	17.039	2402	2406	2412	rVB	56298	87203	3.86%	0.531%
15	17.781	2528	2532	2536	rBV	50326	65846	2.91%	0.401%
16	17.828	2536	2540	2546	rVV	85619	110262	4.88%	0.671%
17	17.969	2559	2564	2567	rBV3	75584	121353	5.37%	0.739%
18	18.004	2568	2570	2578	rVB	41847	51092	2.26%	0.311%
19	18.269	2612	2615	2619	rVB	31645	36924	1.63%	0.225%
20	18.322	2621	2624	2632	rVB	46643	65323	2.89%	0.398%
21	18.680	2681	2685	2690	rBV	54330	77498	3.43%	0.472%
22	18.739	2690	2695	2697	rBV4	30274	52608	2.33%	0.320%
23	18.933	2723	2728	2736	rBV	591406	752149	33.26%	4.578%
24	19.286	2780	2788	2797	rBV	564945	887793	39.26%	5.403%
25	19.486	2817	2822	2827	rVB	1924877	2261453	100.00%	13.763%
26	19.775	2868	2871	2875	rVB	101905	115606	5.11%	0.704%
27	19.869	2884	2887	2891	rVB	54101	64374	2.85%	0.392%
28	20.110	2925	2928	2932	rBV	52881	67596	2.99%	0.411%
29	20.733	3031	3034	3041	rBV4	308113	437315	19.34%	2.661%
30	21.010	3075	3081	3085	rBV2	810616	1337018	59.12%	8.137%
31	21.045	3085	3087	3091	rVB	328563	345401	15.27%	2.102%
32	22.533	3335	3340	3344	rBV	314916	689836	30.50%	4.198%
33	22.986	3414	3417	3424	rVB	195684	328009	14.50%	1.996%
34	23.080	3429	3433	3441	rVB	271001	484182	21.41%	2.947%
35	23.174	3444	3449	3455	rBV	482998	841395	37.21%	5.121%

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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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

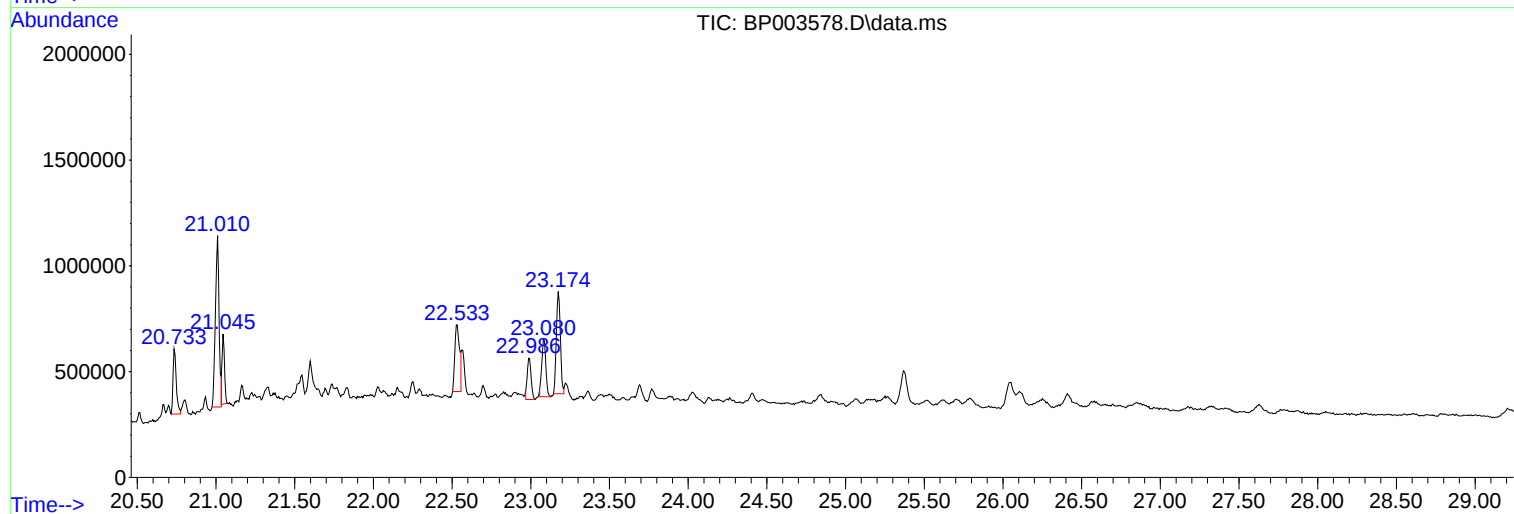
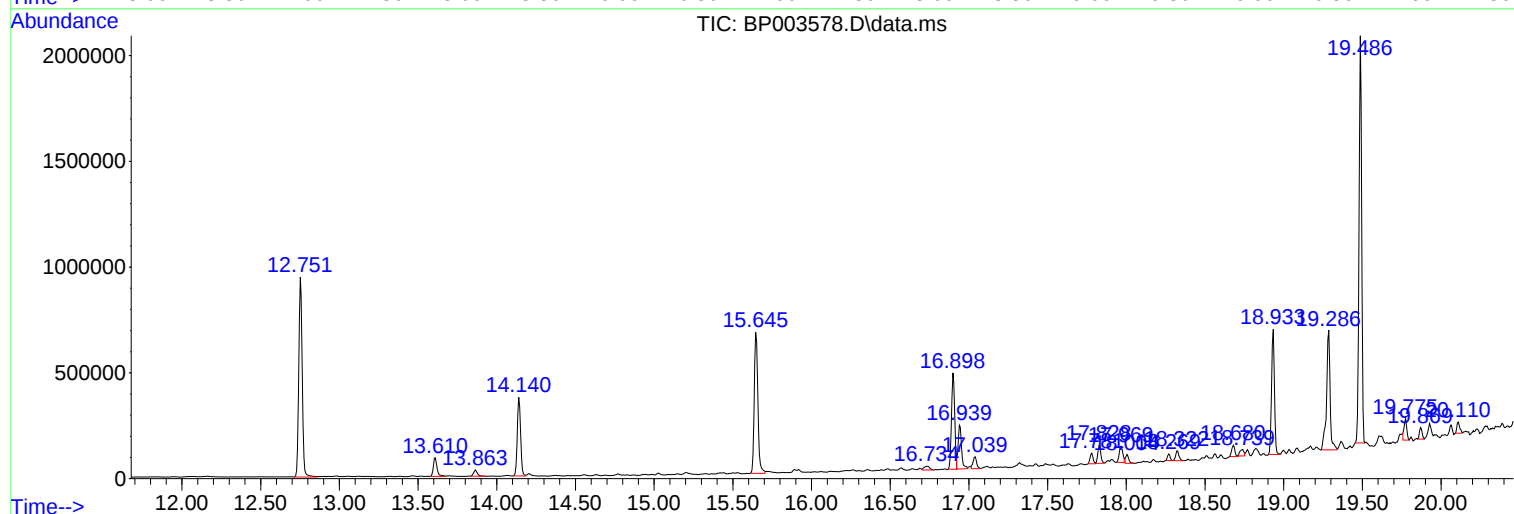
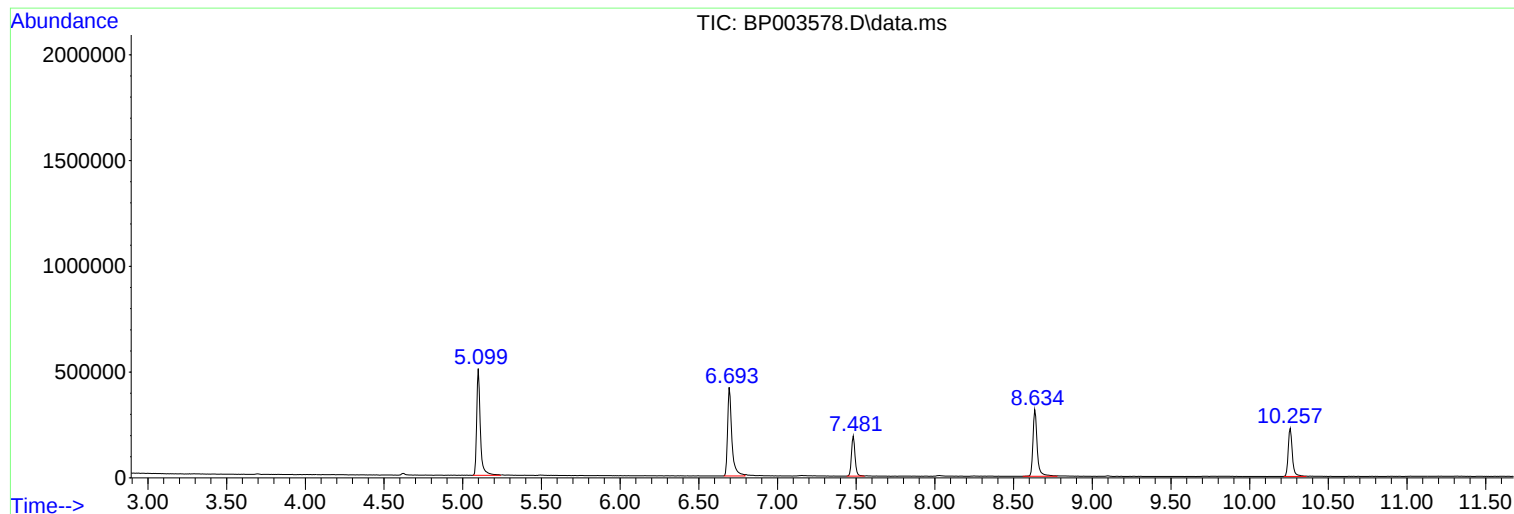
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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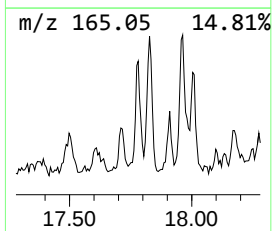
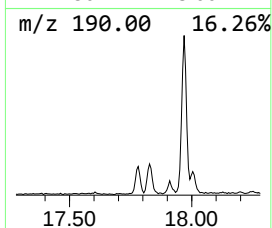
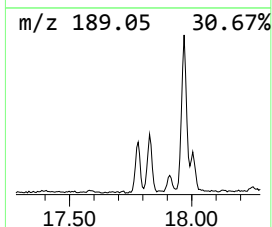
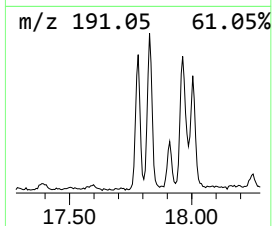
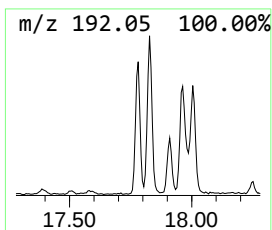
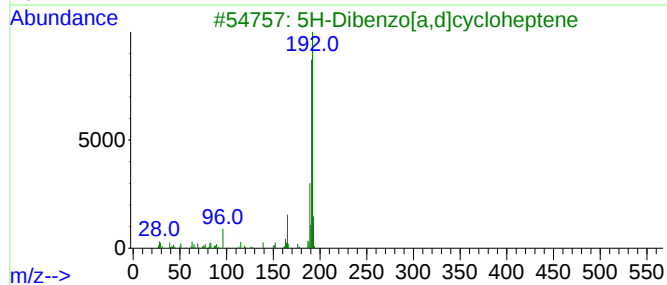
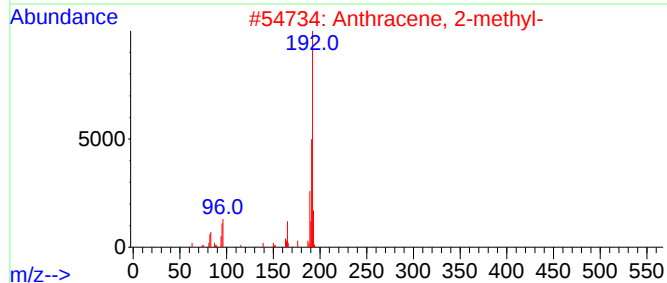
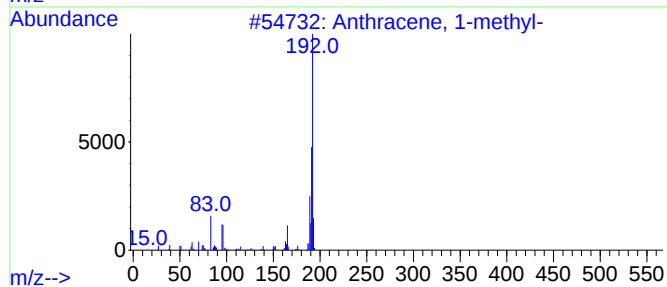
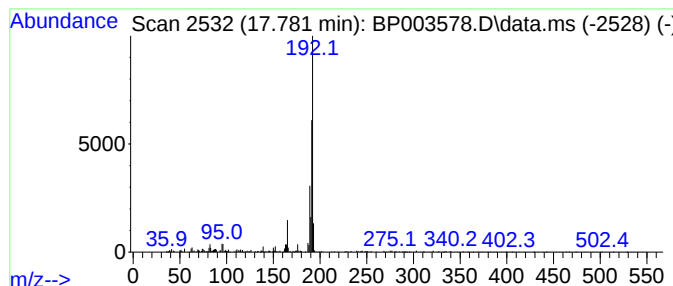
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	2.05 ng	65846	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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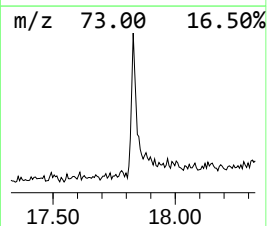
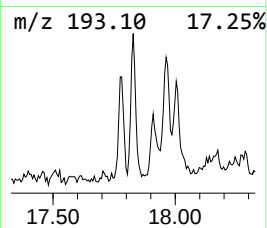
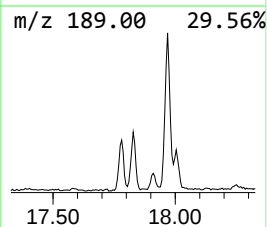
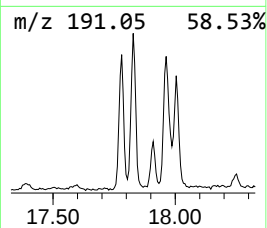
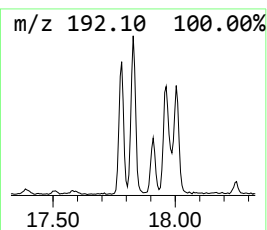
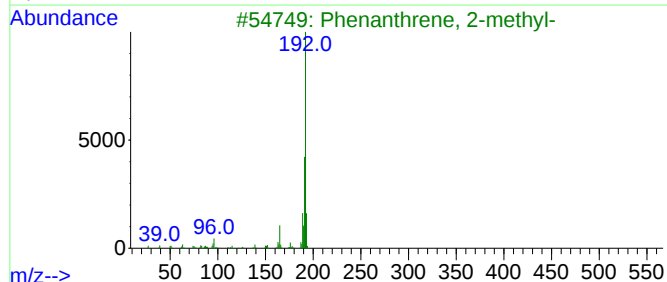
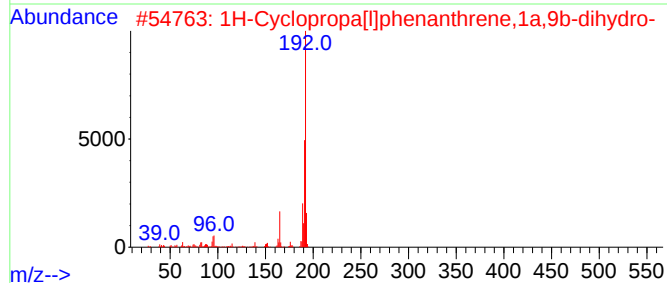
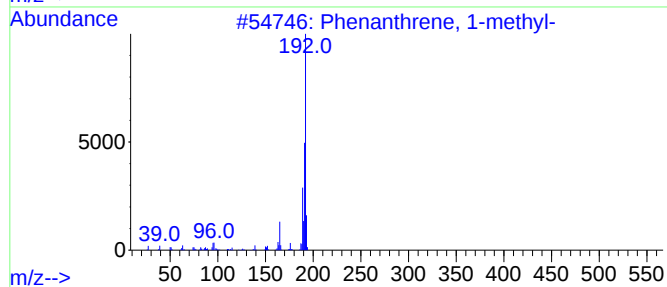
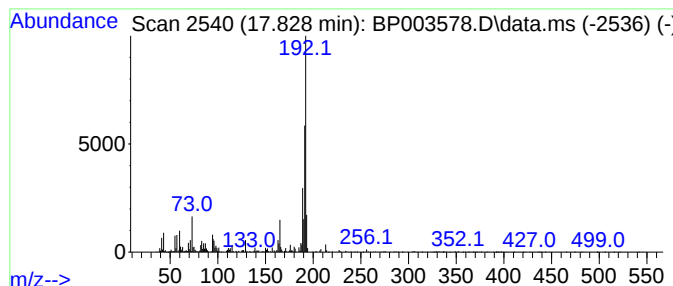
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	3.43 ng	110262	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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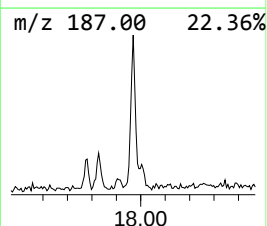
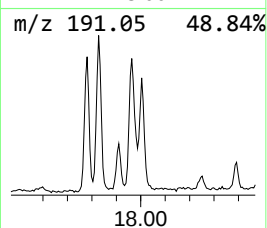
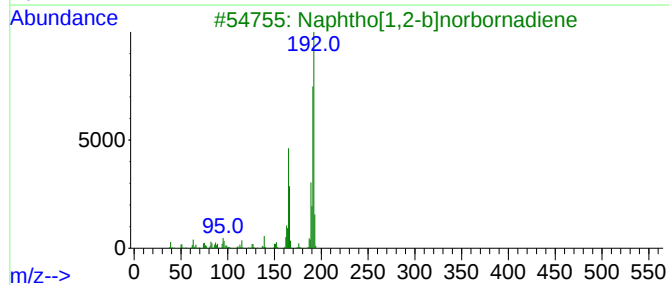
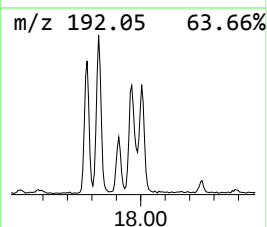
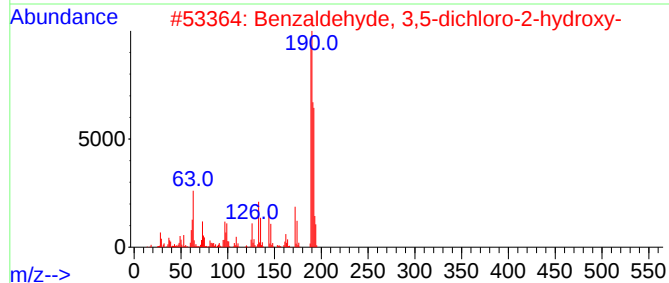
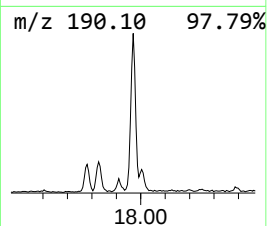
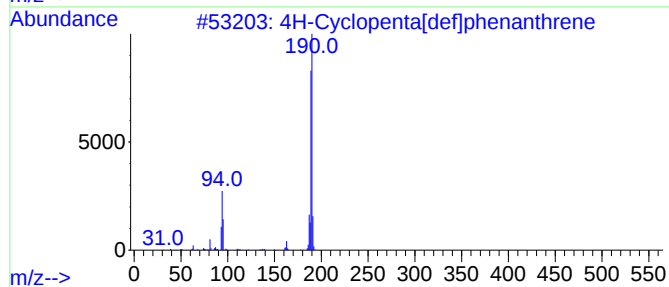
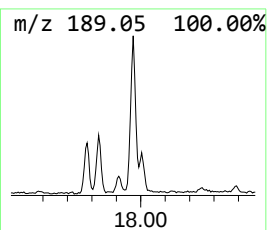
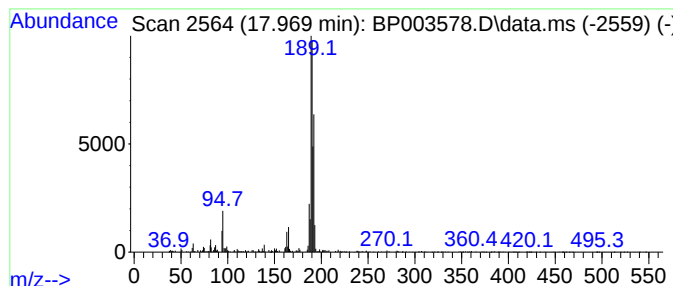
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	3.78 ng	121353	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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ALS Vial : 8 Sample Multiplier: 1

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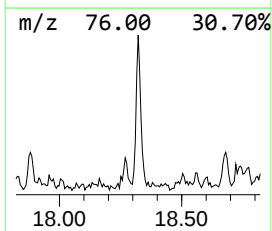
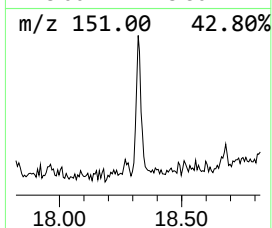
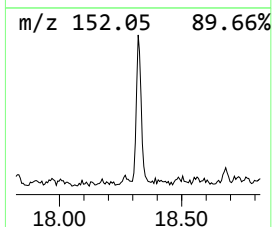
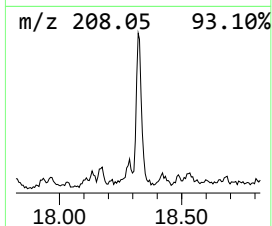
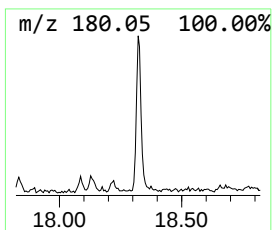
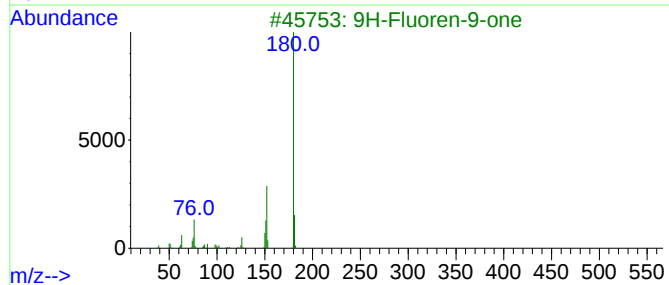
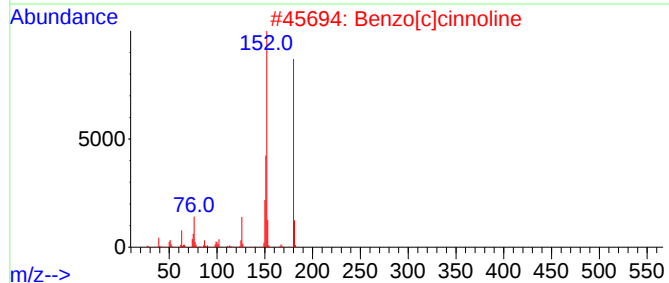
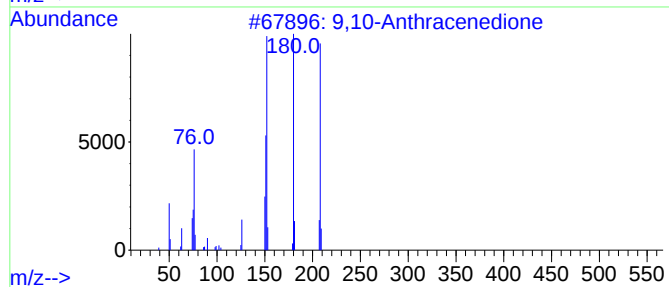
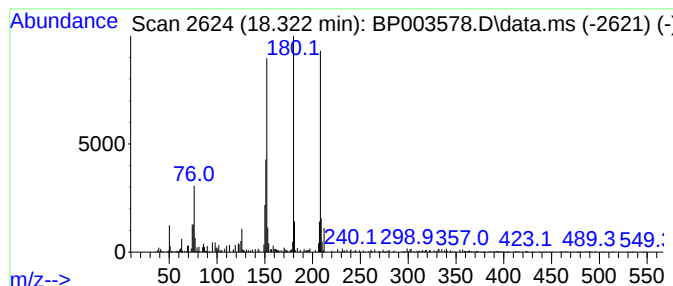
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	2.03 ng	65323	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4			1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55



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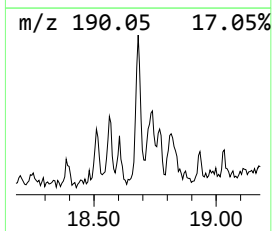
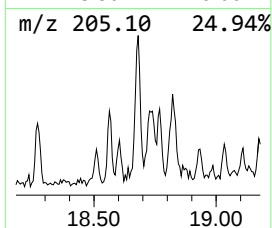
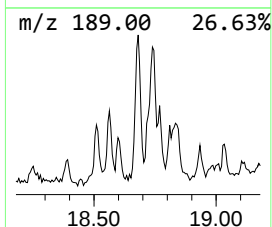
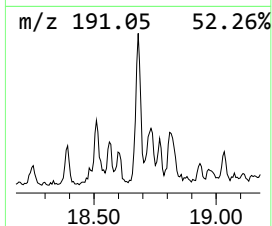
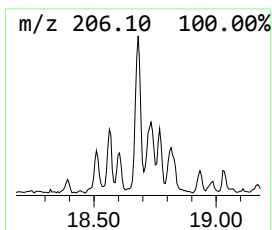
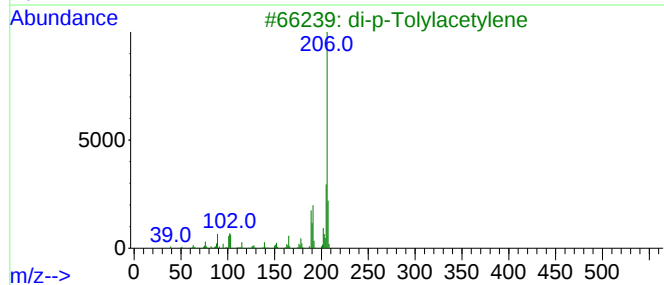
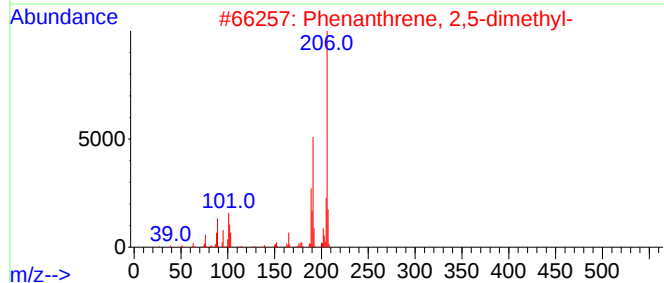
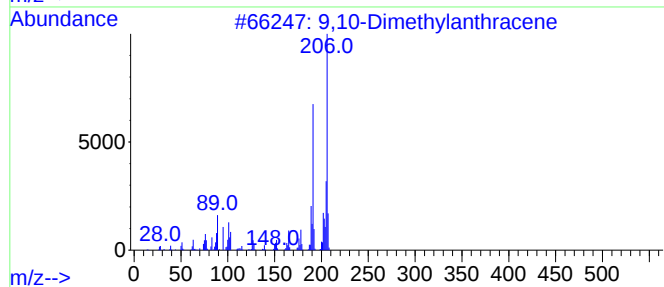
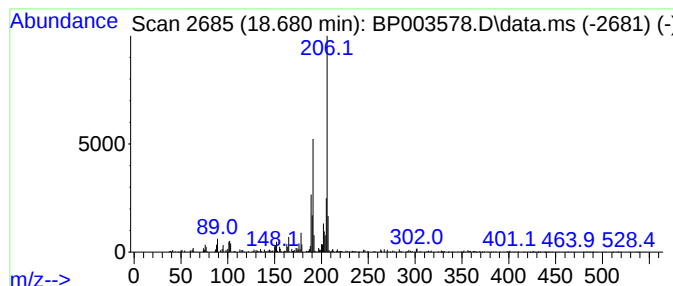
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	2.41 ng	77498	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003578.D
Acq On : 08 Oct 2020 18:57
Operator : CG/JU
Sample : L4298-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-559

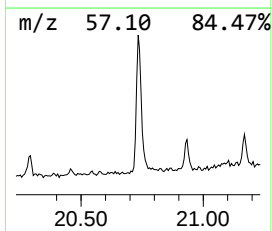
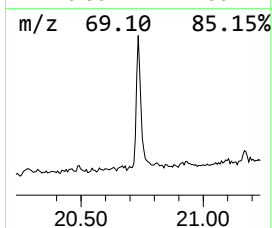
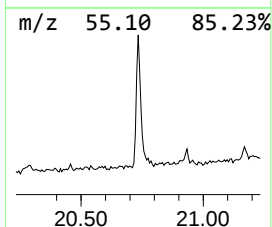
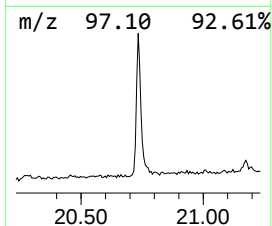
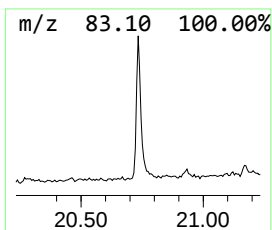
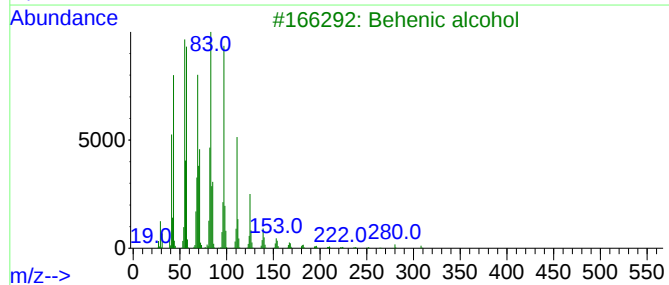
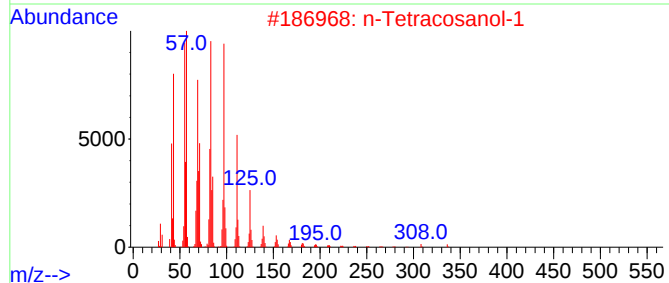
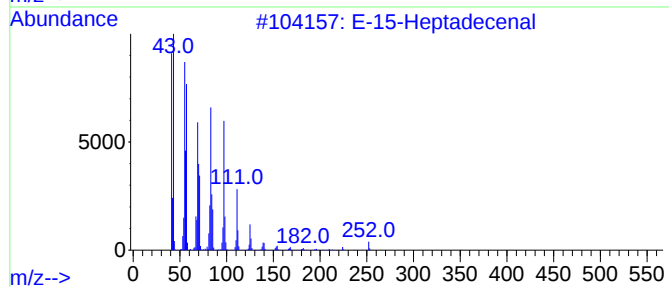
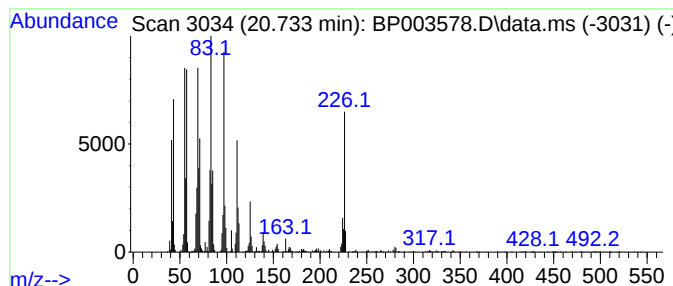
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	6.54 ng	437315	Chrysene-d12	21.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3			Behenic alcohol	326	C22H46O	000661-19-8	93
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	89
5			1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003578.D
Acq On : 08 Oct 2020 18:57
Operator : CG/JU
Sample : L4298-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-559

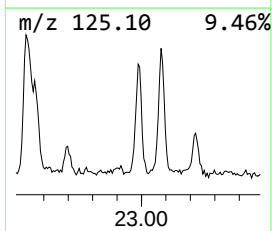
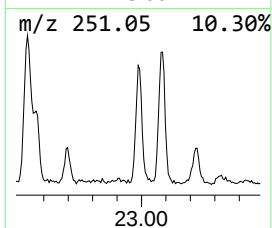
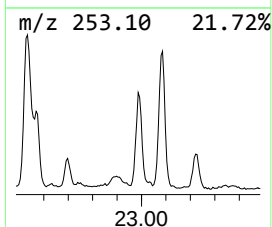
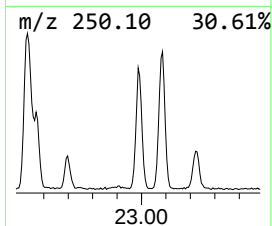
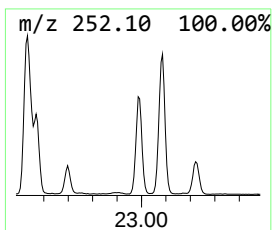
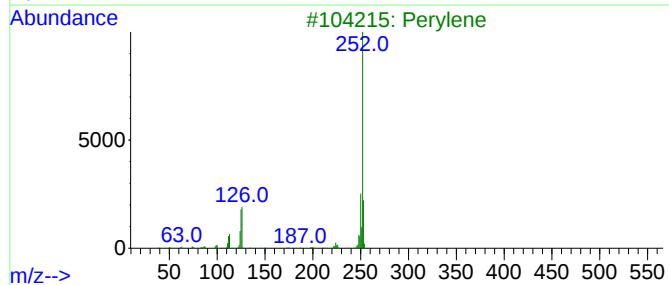
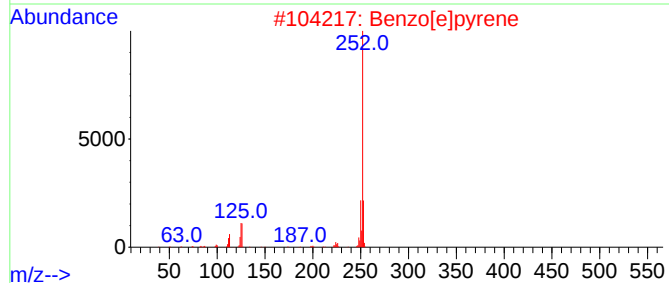
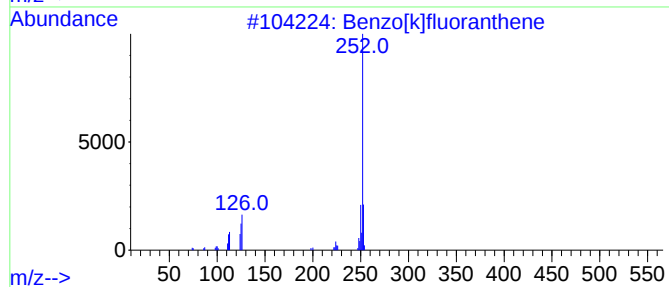
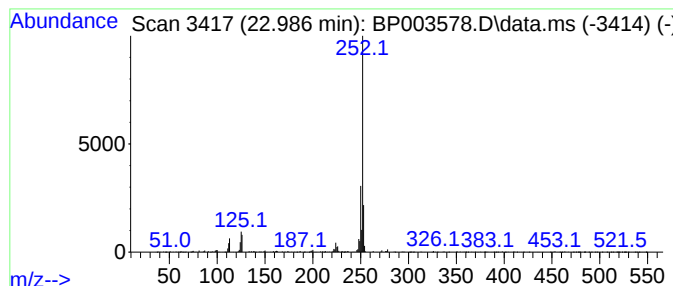
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.986	7.80 ng	328009	Perylene-d12	23.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	97
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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Operator : CG/JU
Sample : L4298-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-559

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-m...	17.781	2.0	ng	65846	4	16.898	642251	20.0
Phenanthrene, 1...	17.828	3.4	ng	110262	4	16.898	642251	20.0
4H-Cyclopenta[d...	17.969	3.8	ng	121353	4	16.898	642251	20.0
9,10-Anthracene...	18.322	2.0	ng	65323	4	16.898	642251	20.0
9,10-Dimethylan...	18.680	2.4	ng	77498	4	16.898	642251	20.0
E-15-Heptadecenal	20.733	6.5	ng	437315	5	21.010	1337020	20.0
Benzo[e]pyrene	22.986	7.8	ng	328009	6	23.174	841395	20.0