

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
 Data File : BP008695.D
 Acq On : 05 Jan 2022 18:01
 Operator : CG/JU
 Sample : M5342-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6-(0-2)

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-BP122821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008695.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	414	421	435	rBV	7145878	10719461	24.13%	5.685%
2	7.058	683	692	709	rBV	5992138	10249311	23.08%	5.435%
3	7.881	825	832	842	rBV	1653246	2665243	6.00%	1.413%
4	9.040	1017	1029	1041	rBV	4196635	7004531	15.77%	3.715%
5	10.463	1265	1271	1284	rBV	492855	919952	2.07%	0.488%
6	10.681	1300	1308	1314	rBV	1740963	3045929	6.86%	1.615%
7	13.140	1719	1726	1758	rBV	8564171	14184420	31.94%	7.522%
8	14.516	1951	1960	1966	rBV	1945110	3411033	7.68%	1.809%
9	14.575	1966	1970	1981	rVB	297899	602252	1.36%	0.319%
10	16.004	2206	2213	2236	rBV	6164609	9545228	21.49%	5.062%
11	17.263	2421	2427	2431	rBV	2624350	4067898	9.16%	2.157%
12	17.304	2431	2434	2441	rVV	2976979	4403527	9.91%	2.335%
13	17.398	2445	2450	2456	rVB	792455	1157503	2.61%	0.614%
14	17.669	2488	2496	2501	rBV2	417743	738903	1.66%	0.392%
15	18.134	2571	2575	2577	rBV	357476	485710	1.09%	0.258%
16	18.175	2577	2582	2589	rVV2	686166	1544785	3.48%	0.819%
17	18.322	2601	2607	2610	rBV3	598076	1017907	2.29%	0.540%
18	18.616	2652	2657	2660	rBV	369816	528717	1.19%	0.280%
19	19.275	2763	2769	2775	rBV	5355919	7207943	16.23%	3.823%
20	19.392	2782	2789	2796	rBV4	277360	551291	1.24%	0.292%
21	19.622	2824	2828	2836	rVB	4468548	6159934	13.87%	3.267%
22	19.822	2854	2862	2867	rBV	13076785	15679717	35.30%	8.315%
23	19.933	2877	2881	2883	rBV	292191	464308	1.05%	0.246%
24	20.104	2907	2910	2916	rVB	692948	947364	2.13%	0.502%
25	20.204	2923	2927	2931	rBV	469973	605469	1.36%	0.321%
26	20.263	2932	2937	2940	rVB2	413564	672198	1.51%	0.356%
27	20.833	3031	3034	3040	rVB	494253	669388	1.51%	0.355%
28	21.069	3071	3074	3080	rVV3	927828	1541117	3.47%	0.817%
29	21.128	3081	3084	3094	rVB2	570088	846008	1.90%	0.449%
30	21.345	3115	3121	3125	rBV2	4857440	9708798	21.86%	5.149%
31	21.386	3125	3128	3134	rVB	2672180	3385567	7.62%	1.795%
32	21.475	3136	3143	3162	rBV	27828195	44414827	100.00%	23.554%
33	23.039	3402	3409	3414	rBV	2533255	6647311	14.97%	3.525%
34	23.563	3493	3498	3506	rVB	1592191	3228546	7.27%	1.712%
35	23.663	3509	3515	3524	rVB	2266183	4660397	10.49%	2.472%
36	23.774	3528	3534	3539	rBV2	2355367	4881623	10.99%	2.589%

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ClientSampleId :
SB-6-(0-2)

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

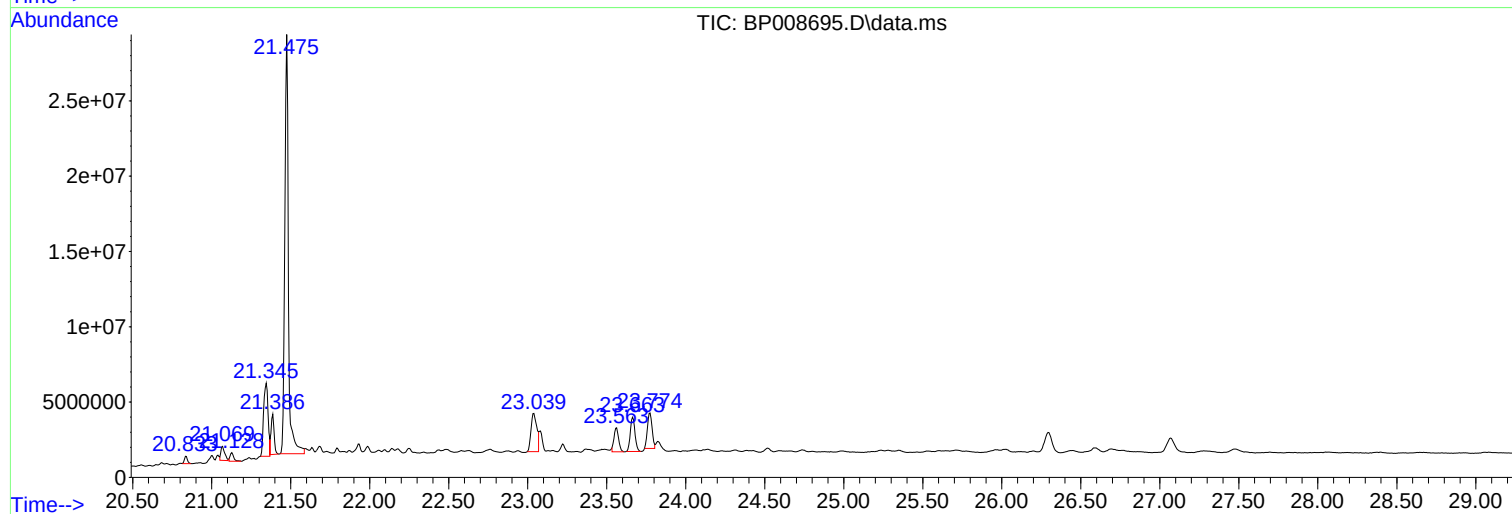
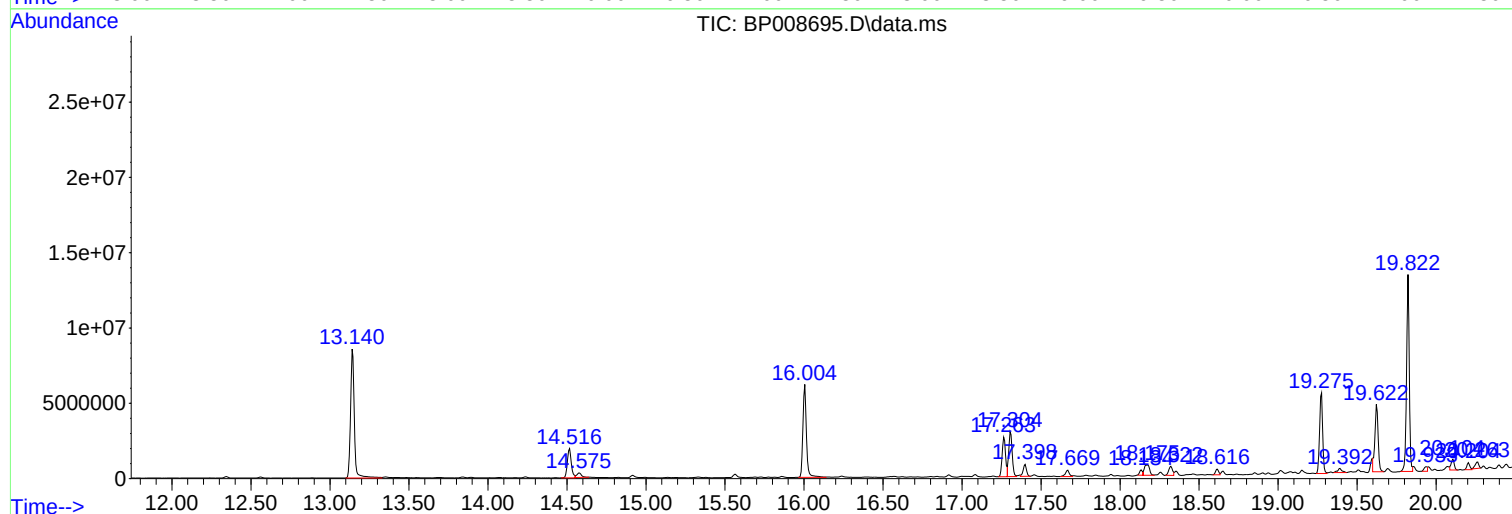
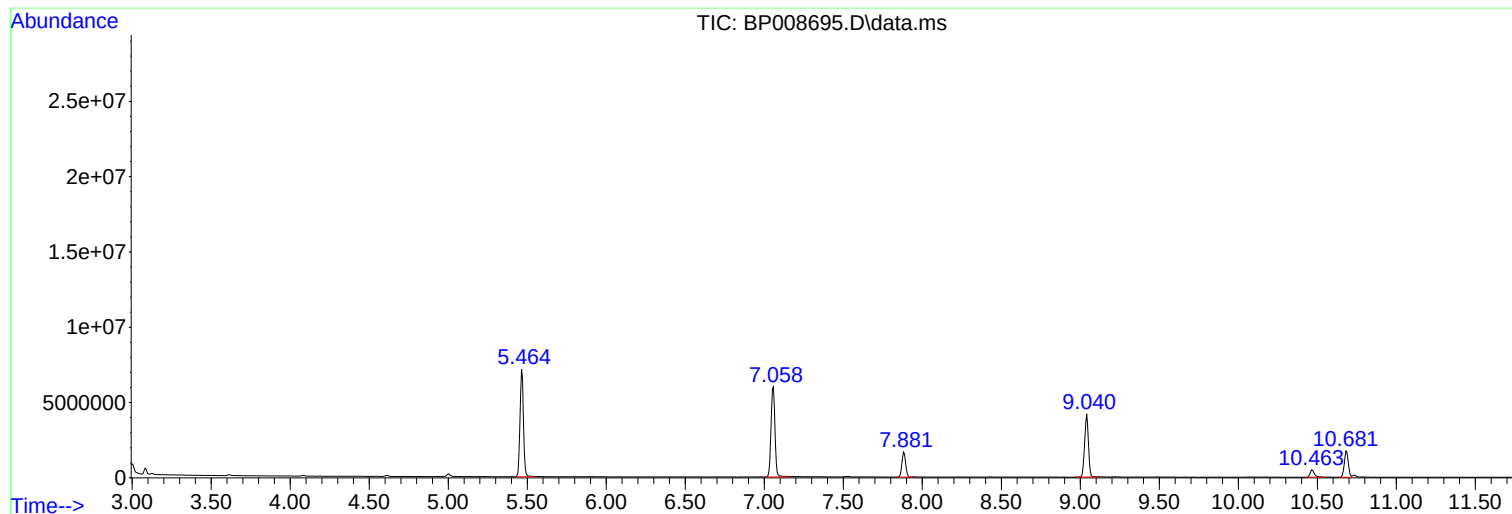
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
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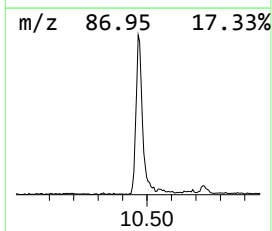
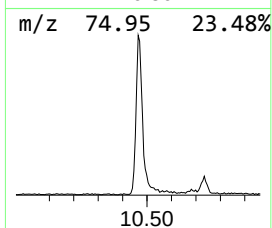
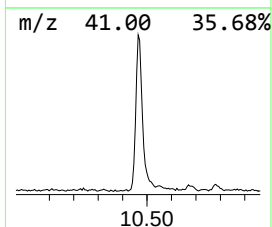
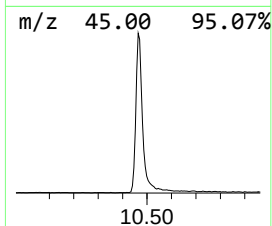
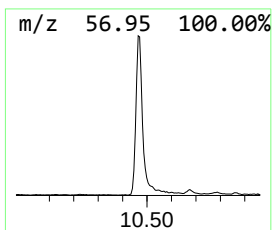
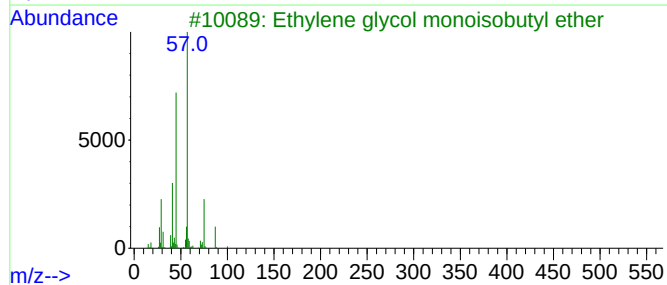
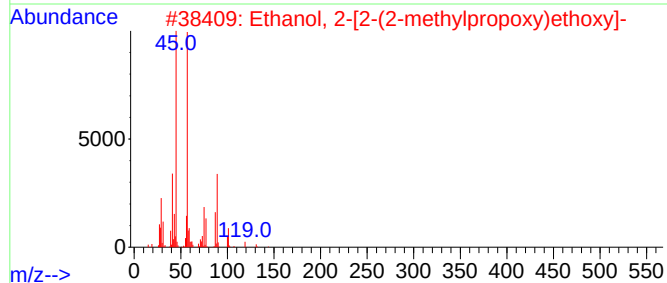
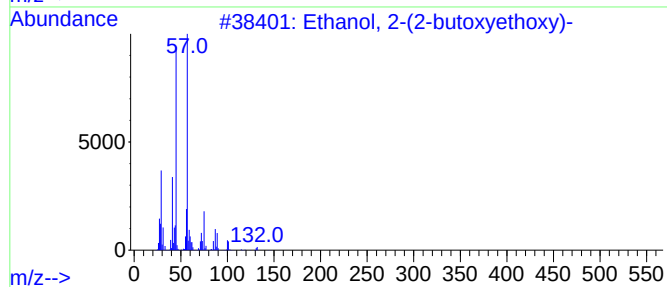
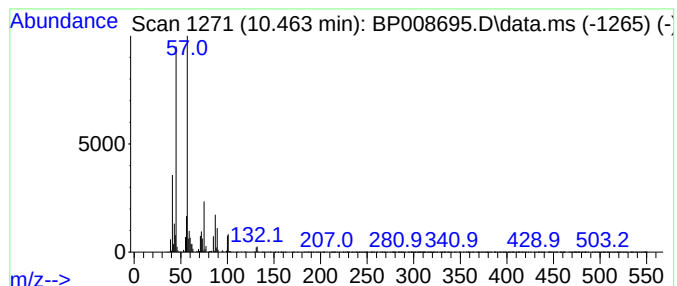
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	6.04 ng	919952	Naphthalene-d8	10.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	64
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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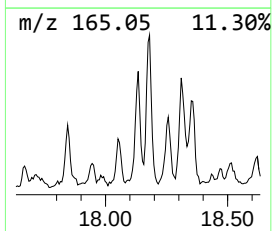
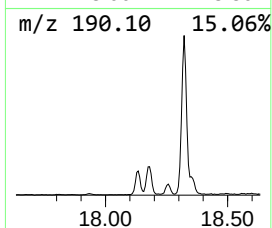
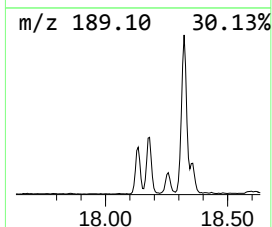
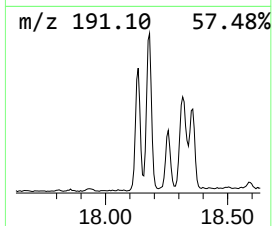
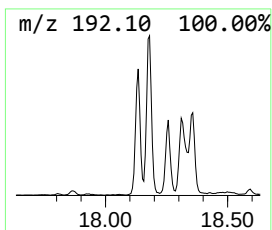
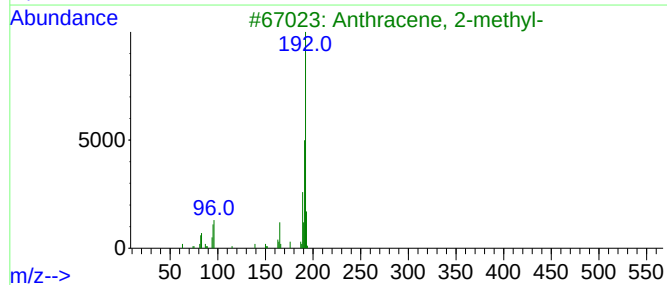
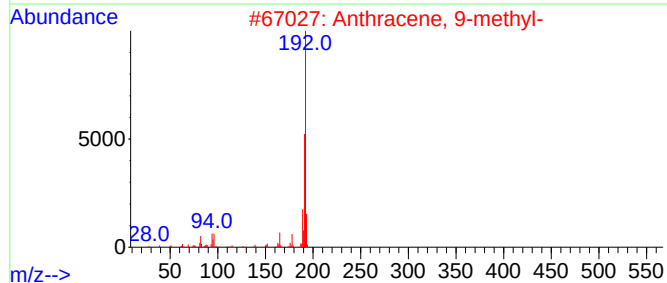
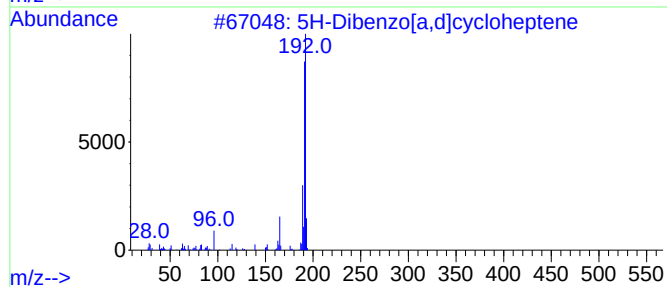
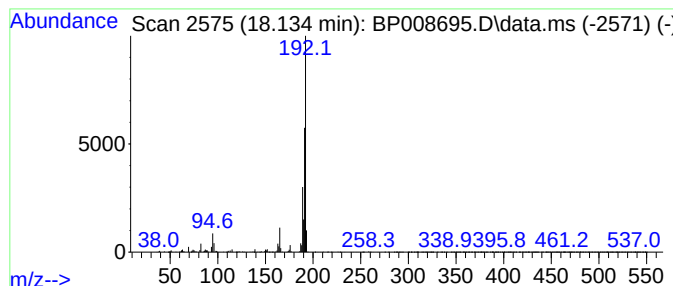
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	2.39 ng	485710	Phenanthrene-d10	17.263

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74



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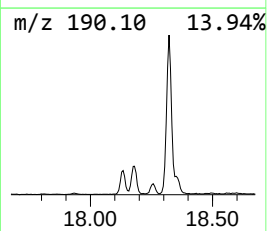
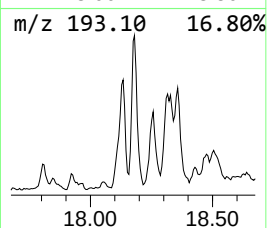
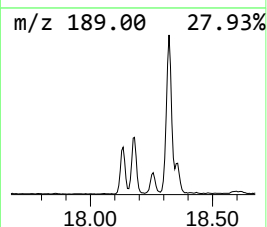
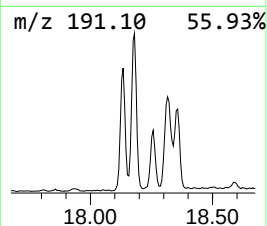
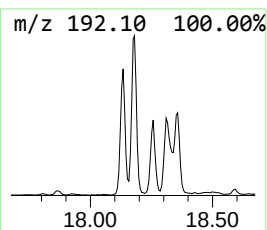
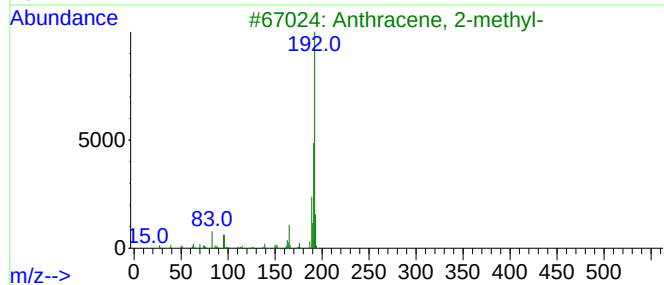
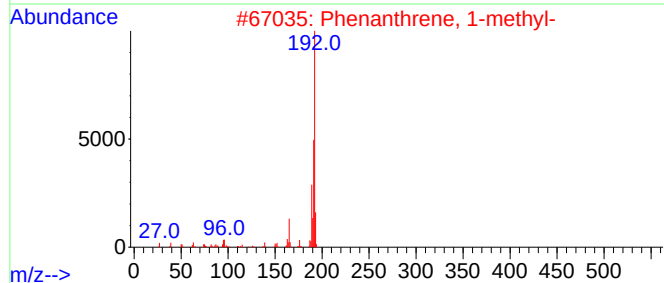
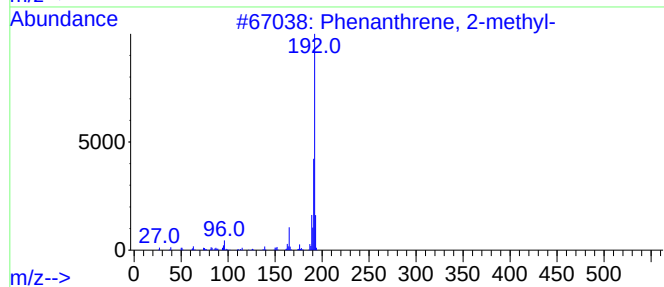
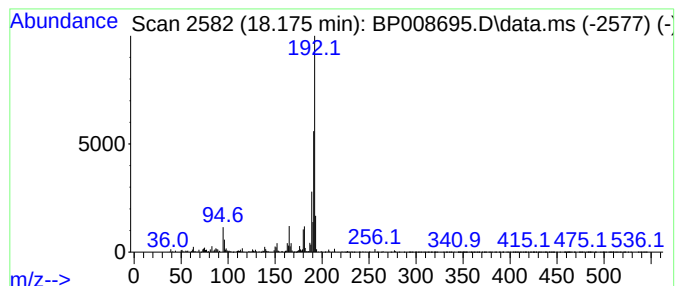
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	7.59 ng	1544790	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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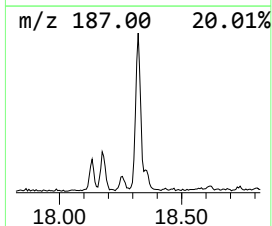
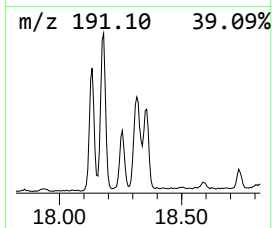
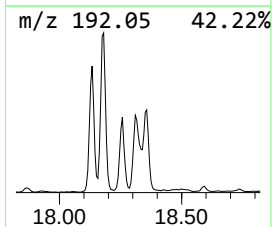
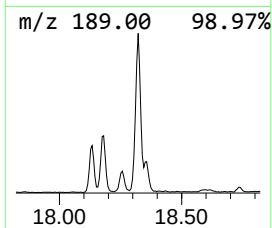
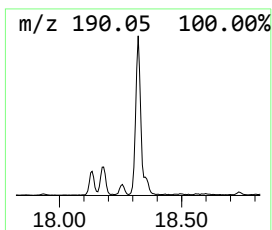
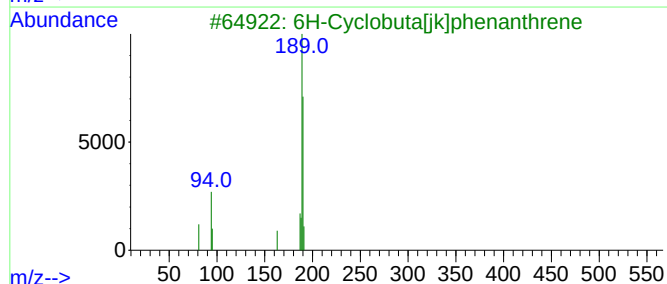
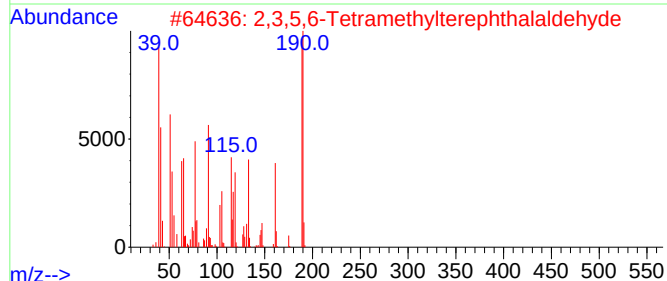
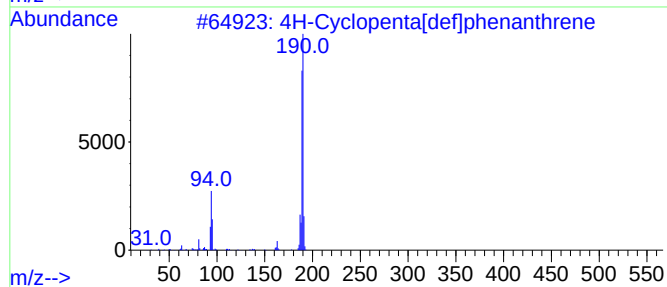
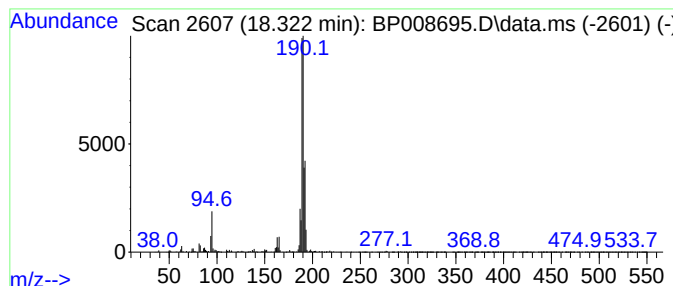
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	5.00 ng	1017910	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4			Methyl diselenide	190	C2H6Se2	007101-31-7	41
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



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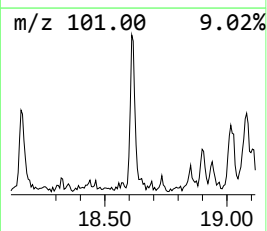
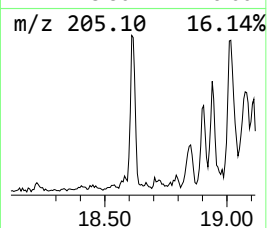
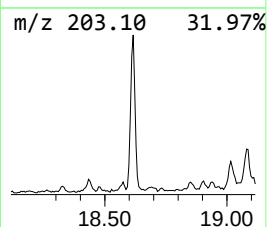
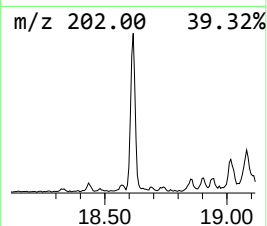
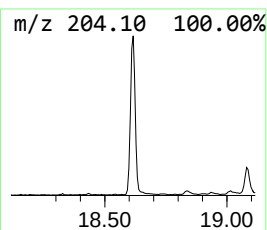
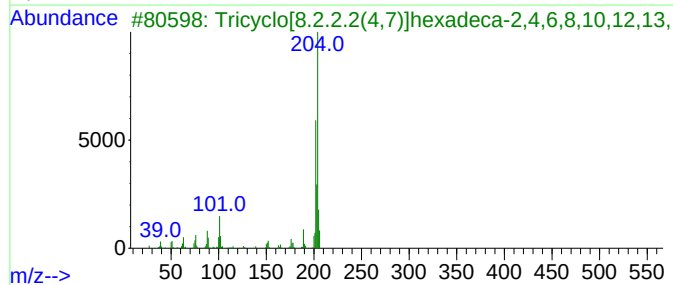
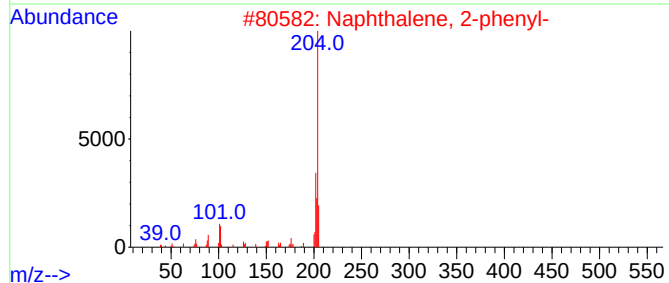
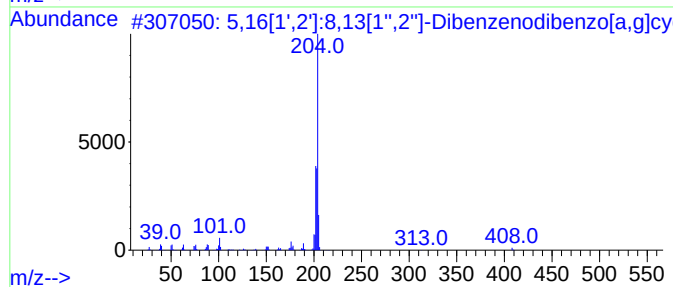
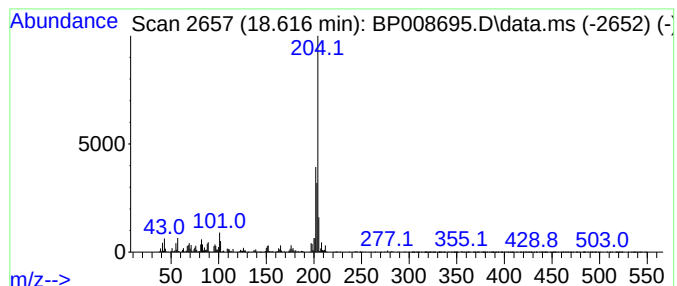
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.60 ng	528717	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52		
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49		
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008695.D
Acq On : 05 Jan 2022 18:01
Operator : CG/JU
Sample : M5342-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6-(0-2)

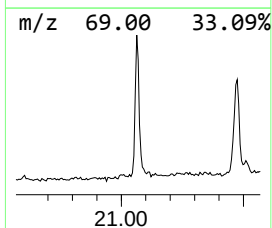
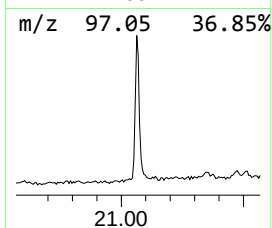
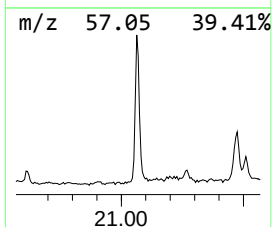
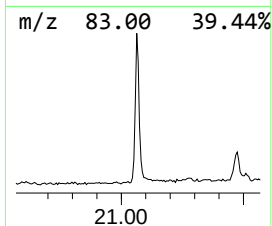
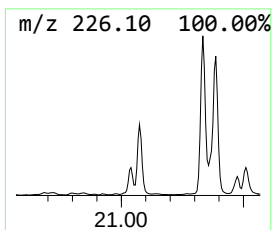
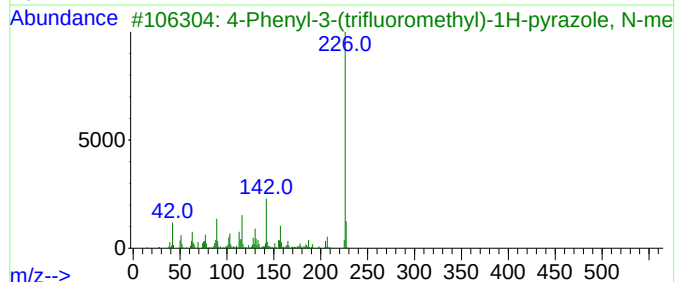
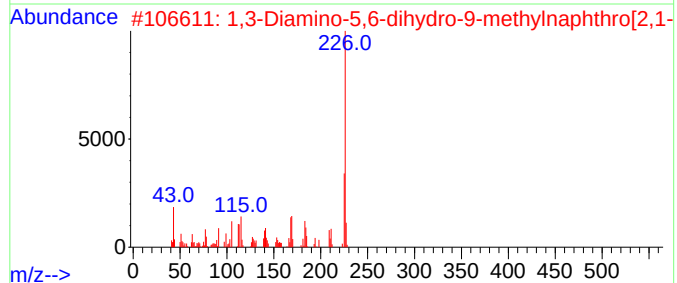
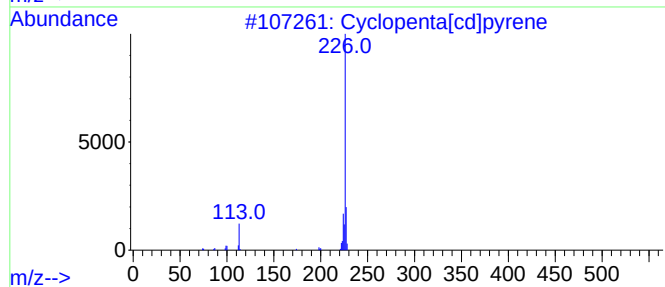
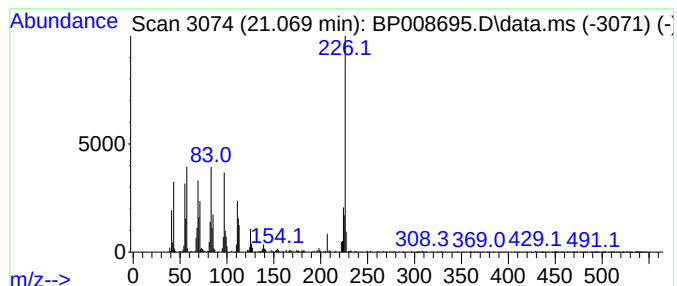
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown21.069 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	3.17 ng	1541120	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	41
2			1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	25
3			4-Phenyl-3-(trifluoromethyl)-1H...	226	C11H9F3N2	096256-50-7	17
4			Imidazole, 5-methyl-4-trifluorom...	226	C11H9F3N2	081769-66-6	12
5			Isonipecotic acid, N-(5-chlorova...	345	C18H32ClNO3	1000361-00-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008695.D
Acq On : 05 Jan 2022 18:01
Operator : CG/JU
Sample : M5342-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

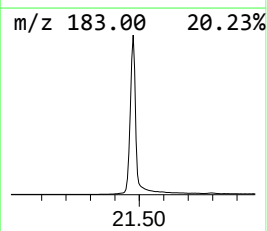
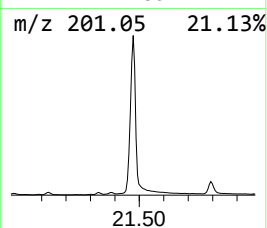
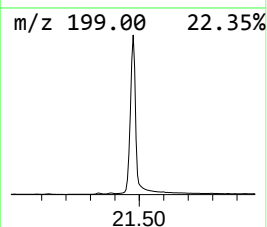
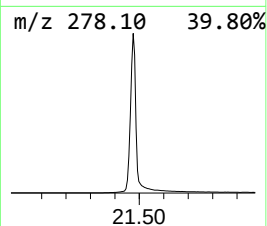
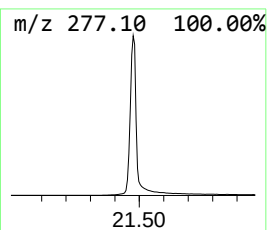
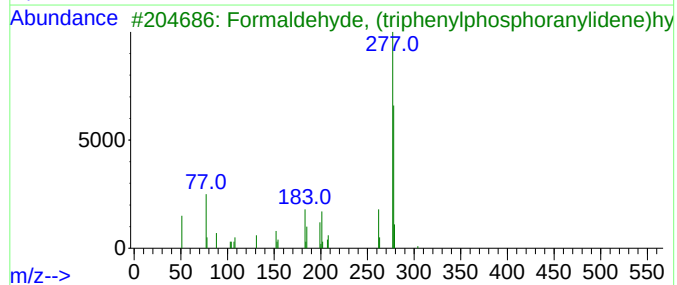
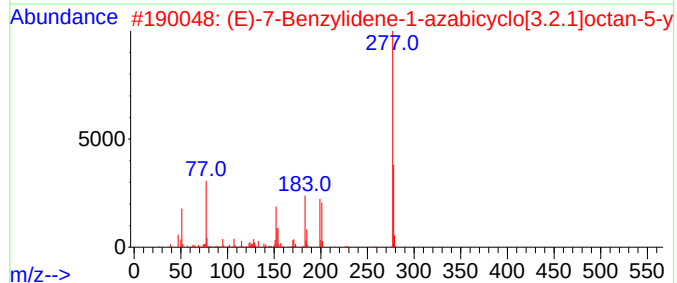
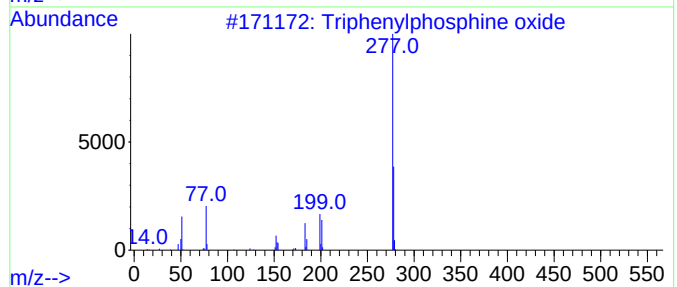
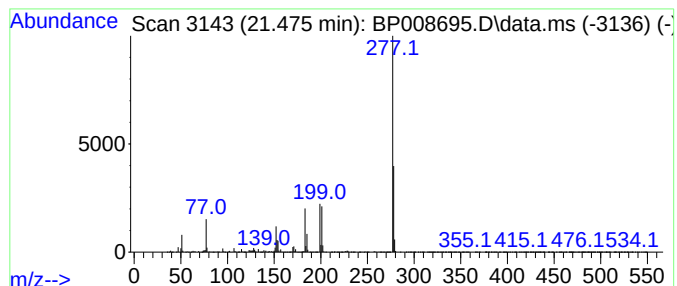
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.475	91.49 ng	44414800	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	86
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	40
4			Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	17
5			Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
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Sample : M5342-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

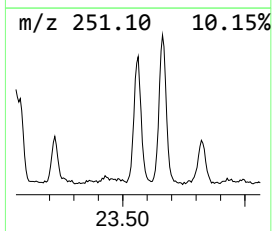
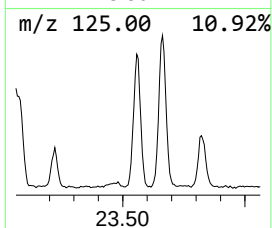
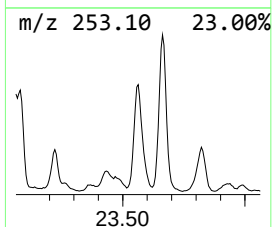
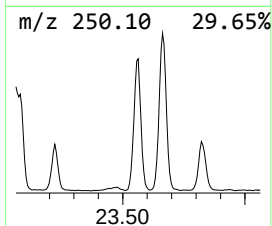
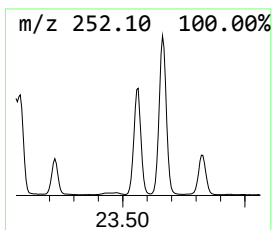
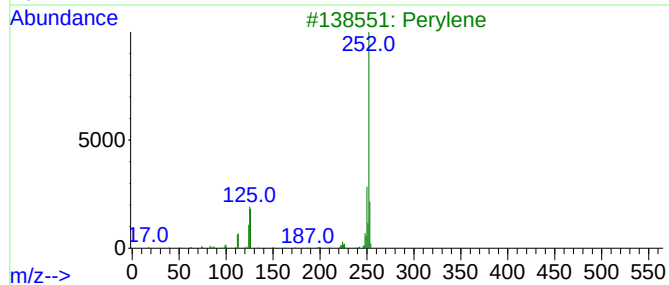
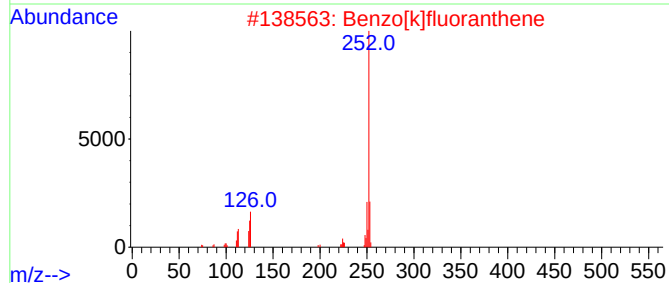
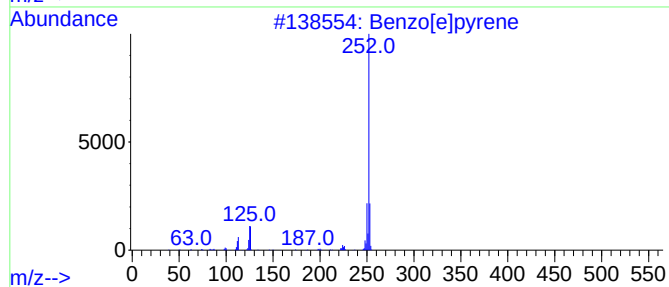
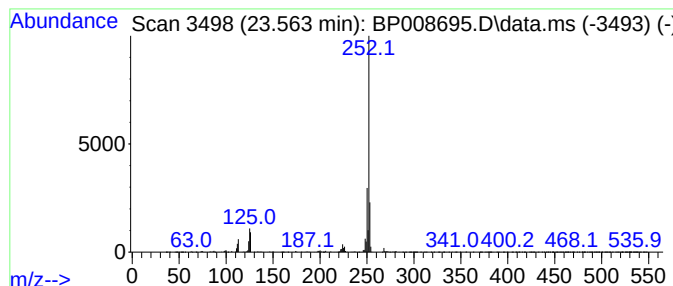
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	13.23 ng	3228550	Perylene-d12	23.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008695.D
Acq On : 05 Jan 2022 18:01
Operator : CG/JU
Sample : M5342-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.463	6.0	ng	919952	2	10.681	3045930	20.0
5H-Dibenzo[a,d]...	18.134	2.4	ng	485710	4	17.263	4067900	20.0
Phenanthrene, 2...	18.175	7.6	ng	1544790	4	17.263	4067900	20.0
4H-Cyclopenta[d]...	18.322	5.0	ng	1017910	4	17.263	4067900	20.0
5,16[1',2']:8,1...	18.616	2.6	ng	528717	4	17.263	4067900	20.0
unknown21.069	21.069	3.2	ng	1541120	5	21.351	9708800	20.0
Triphenylphosph...	21.475	91.5	ng	44414800	5	21.351	9708800	20.0
Benzo[e]pyrene	23.563	13.2	ng	3228550	6	23.775	4881620	20.0