

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002812.D
 Acq On : 21 Jul 2020 14:03
 Operator : CG/JU
 Sample : L3352-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HS-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP071020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.705	303	309	318	rVB2	38067	61076	1.02%	0.135%
2	5.175	382	389	407	rBV	2250288	3412686	56.90%	7.531%
3	6.752	649	657	681	rBV	2069879	3498896	58.34%	7.721%
4	7.546	782	792	803	rBV	471114	755371	12.60%	1.667%
5	8.693	975	987	1004	rBV	1357105	2321068	38.70%	5.122%
6	10.316	1255	1263	1278	rBV	580647	1045166	17.43%	2.306%
7	12.810	1680	1687	1705	rBV	3096784	4815368	80.29%	10.626%
8	13.663	1822	1832	1845	rBV	344232	543259	9.06%	1.199%
9	13.916	1870	1875	1885	rVB	52054	82733	1.38%	0.183%
10	14.057	1893	1899	1909	rBV2	36022	101635	1.69%	0.224%
11	14.198	1916	1923	1930	rBV	847179	1314801	21.92%	2.901%
12	15.704	2172	2179	2200	rBV	2164561	3582062	59.73%	7.904%
13	16.957	2386	2392	2396	rBV	1060424	1503130	25.06%	3.317%
14	16.998	2396	2399	2406	rVB	255919	346396	5.78%	0.764%
15	17.092	2411	2415	2422	rVB	113391	169581	2.83%	0.374%
16	17.839	2537	2542	2546	rBV	106783	152763	2.55%	0.337%
17	17.886	2546	2550	2555	rVB	156862	203603	3.39%	0.449%
18	17.945	2556	2560	2562	rBV	62571	87566	1.46%	0.193%
19	18.022	2568	2573	2577	rBV2	140568	249314	4.16%	0.550%
20	18.063	2577	2580	2588	rVB	99091	141348	2.36%	0.312%
21	18.369	2628	2632	2638	rVB3	45168	80648	1.34%	0.178%
22	18.616	2670	2674	2678	rBV	194328	240803	4.02%	0.531%
23	18.739	2687	2695	2698	rBV2	129773	220924	3.68%	0.488%
24	18.792	2699	2704	2707	rVV3	78611	147978	2.47%	0.327%
25	18.874	2713	2718	2725	rBV3	69123	135190	2.25%	0.298%
26	18.986	2732	2737	2745	rBV	963708	1305675	21.77%	2.881%
27	19.339	2788	2797	2802	rBV	975521	1441178	24.03%	3.180%
28	19.422	2807	2811	2817	rVB2	63964	118325	1.97%	0.261%
29	19.545	2824	2832	2845	rVB	4362058	5997376	100.00%	13.234%
30	19.674	2847	2854	2859	rBV3	96552	228943	3.82%	0.505%
31	19.798	2870	2875	2877	rBV3	83450	135927	2.27%	0.300%
32	19.827	2877	2880	2885	rVB	157598	222175	3.70%	0.490%
33	19.927	2893	2897	2901	rVB	83756	94019	1.57%	0.207%
34	19.980	2902	2906	2911	rBV2	155687	212498	3.54%	0.469%

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HS-01

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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.121	2926	2930	2933	rBV	100776	117242	1.95%	0.259%
36	20.163	2934	2937	2942	rVB	110335	137036	2.28%	0.302%
37	20.304	2959	2961	2964	rVB	59526	60205	1.00%	0.133%
38	20.433	2980	2983	2988	rVB2	119909	142278	2.37%	0.314%
39	20.563	3002	3005	3012	rVB	118602	158633	2.65%	0.350%
40	20.721	3029	3032	3035	rBV3	68525	86200	1.44%	0.190%
41	20.757	3035	3038	3042	rVB	173715	185240	3.09%	0.409%
42	20.798	3042	3045	3051	rBV2	517840	702035	11.71%	1.549%
43	20.857	3052	3055	3060	rVB	96491	133006	2.22%	0.293%
44	20.998	3077	3079	3082	rVB	67076	66601	1.11%	0.147%
45	21.068	3084	3091	3095	rVV2	1381383	2510234	41.86%	5.539%
46	21.104	3095	3097	3108	rVB	579412	673380	11.23%	1.486%
47	21.221	3114	3117	3118	rBV	57194	62699	1.05%	0.138%
48	21.610	3180	3183	3187	rVB	144283	177257	2.96%	0.391%
49	21.663	3189	3192	3198	rVB2	97374	147235	2.45%	0.325%
50	21.798	3213	3215	3218	rBV2	61727	73689	1.23%	0.163%
51	21.957	3239	3242	3246	rBV	116705	140850	2.35%	0.311%
52	22.610	3347	3353	3357	rBV	528584	1156279	19.28%	2.552%
53	23.068	3426	3431	3440	rVB	322715	587216	9.79%	1.296%
54	23.163	3442	3447	3454	rVB	470284	815605	13.60%	1.800%
55	23.257	3457	3463	3468	rBV2	873404	1559306	26.00%	3.441%
56	25.456	3831	3837	3847	rVB	261749	655675	10.93%	1.447%

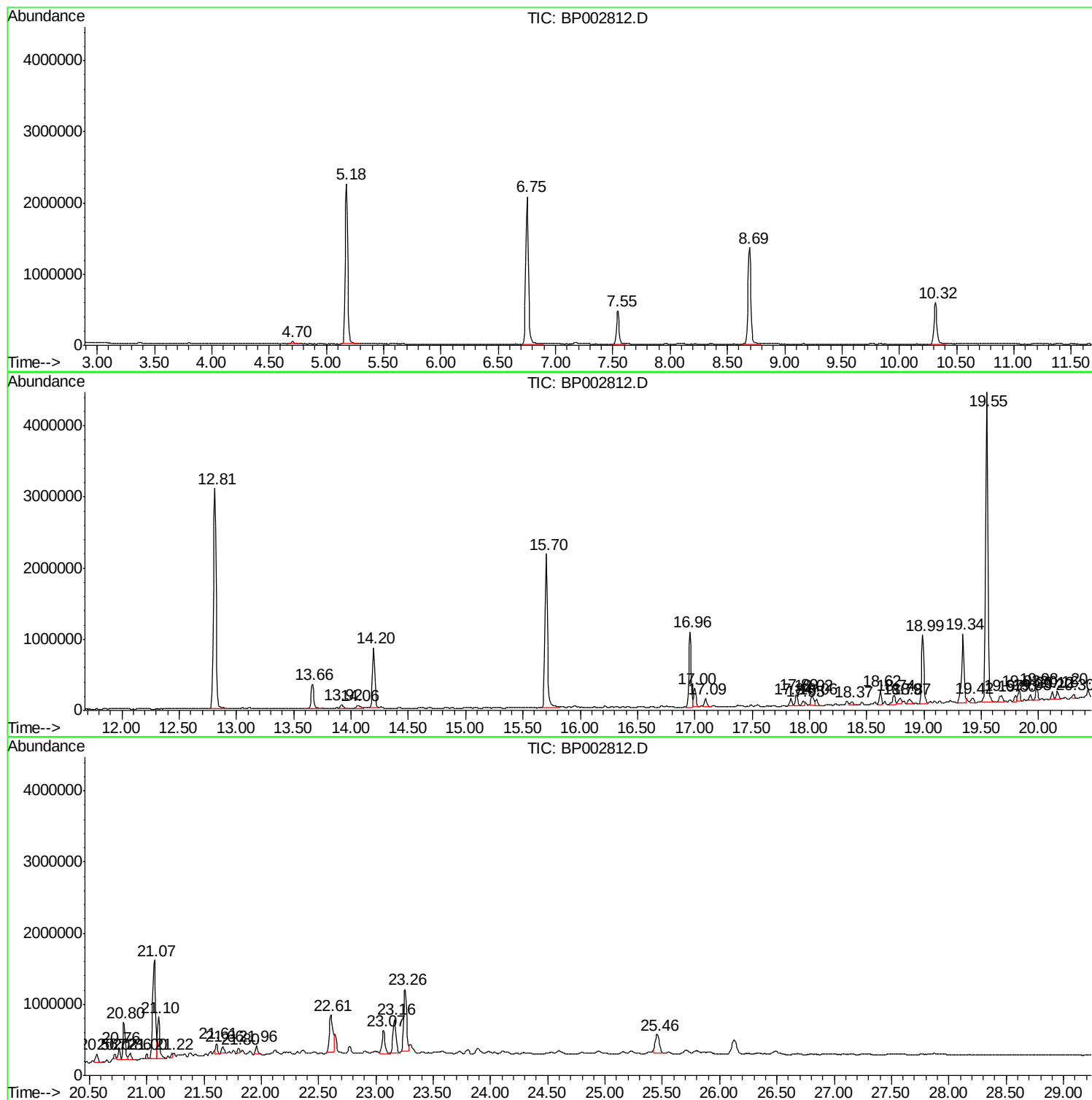
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Instrument :
BNA_P
ClientSampled :
HS-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

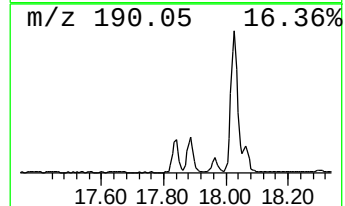
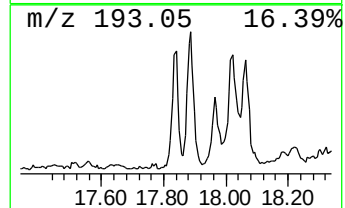
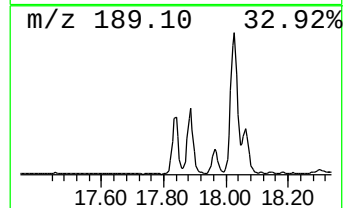
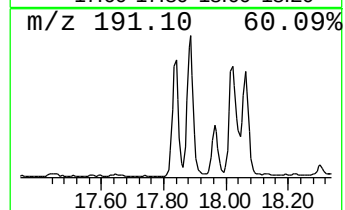
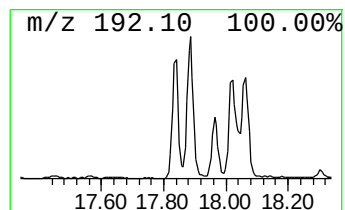
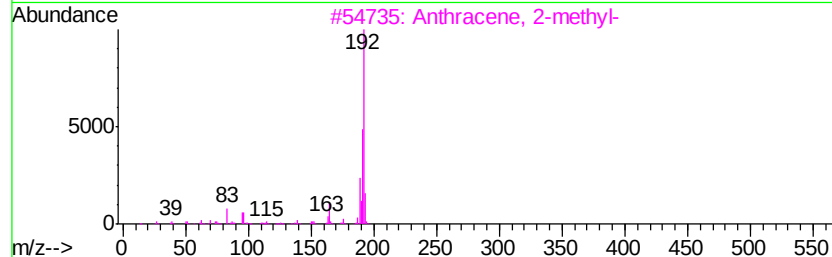
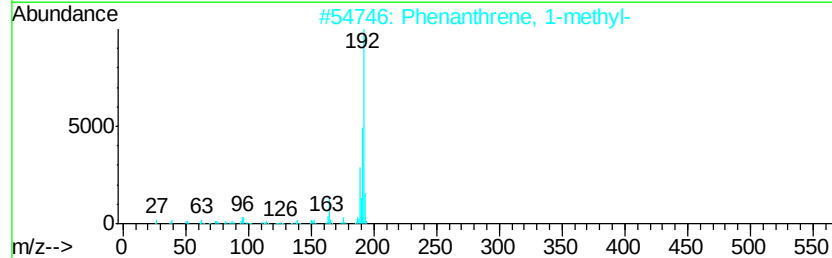
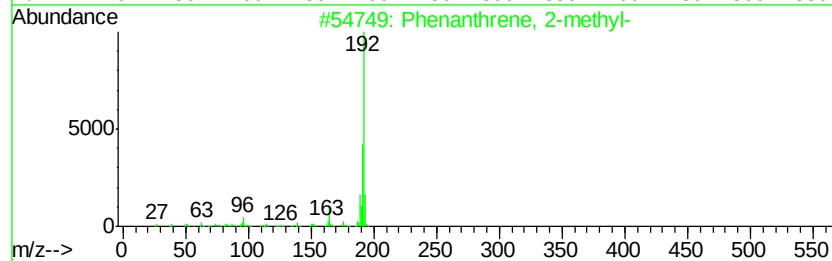
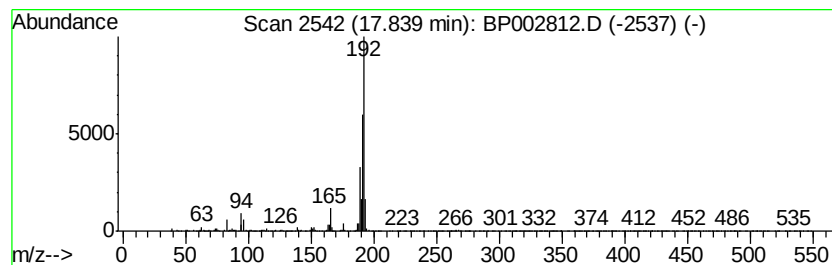
Instrument :
BNA_P
ClientSampleId :
HS-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.84	2.03 ng	152763	Phenanthrene-d10	16.96	
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	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



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Misc :
ALS Vial : 6 Sample Multiplier: 1

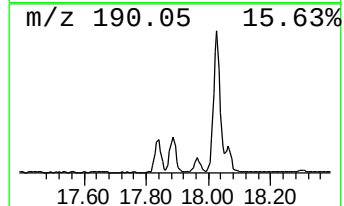
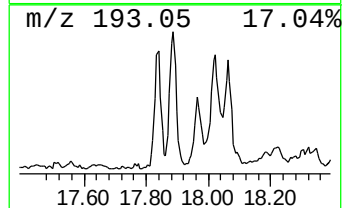
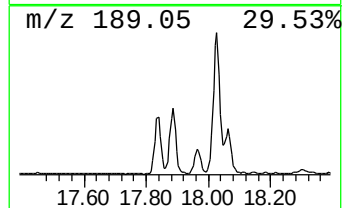
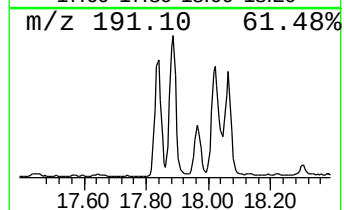
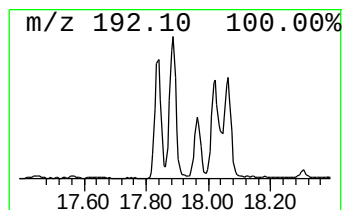
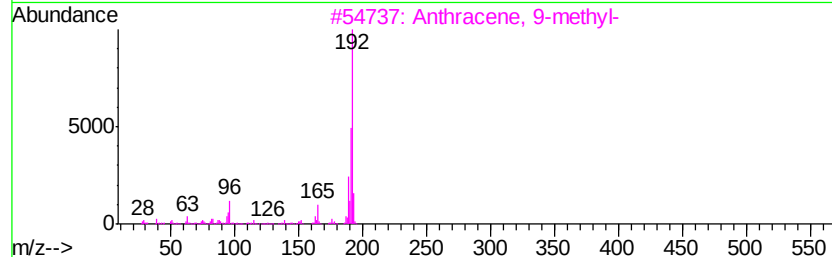
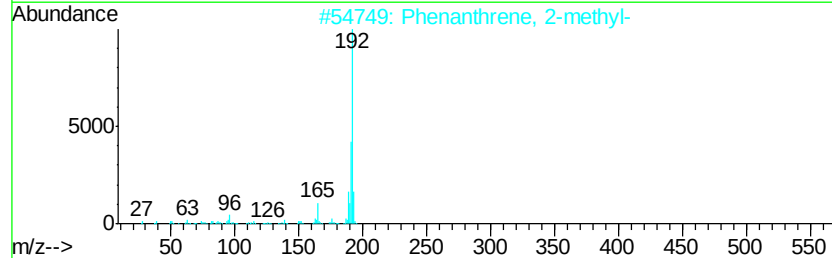
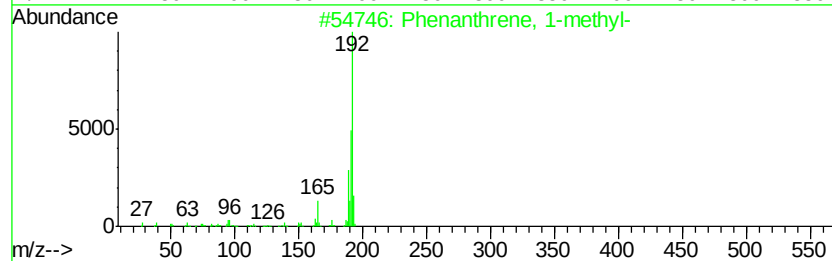
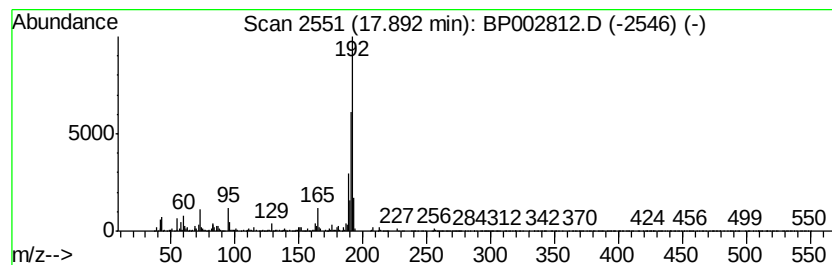
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.71 ng	203603	Phenanthrene-d10		16.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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Misc :
ALS Vial : 6 Sample Multiplier: 1

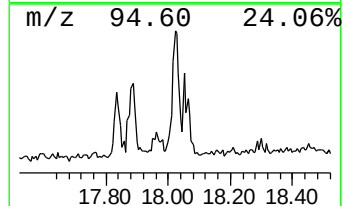
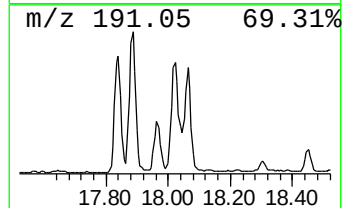
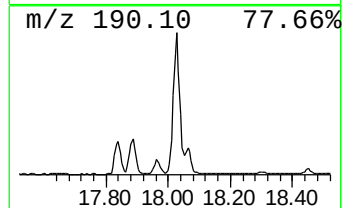
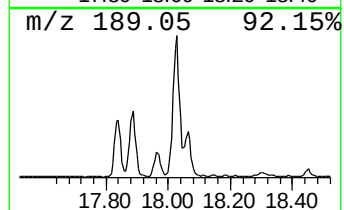
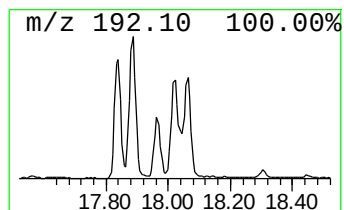
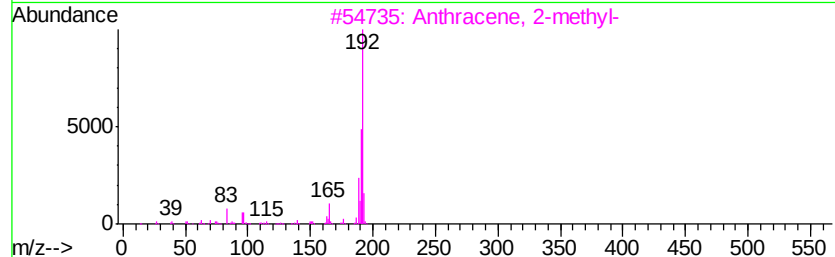
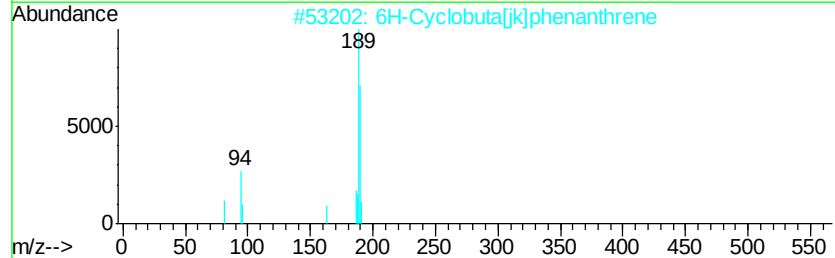
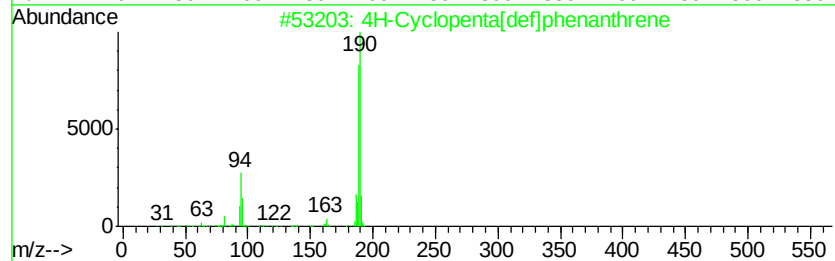
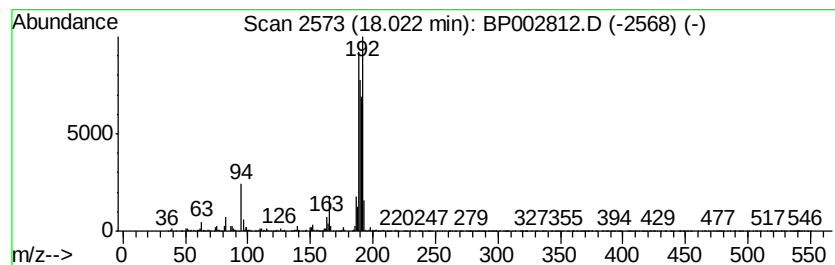
Instrument :
BNA_P
ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.02	3.32 ng	249314	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[i]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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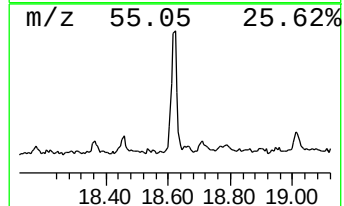
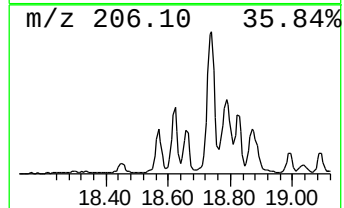
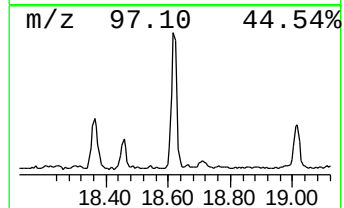
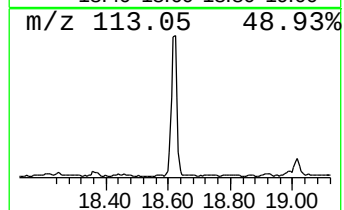
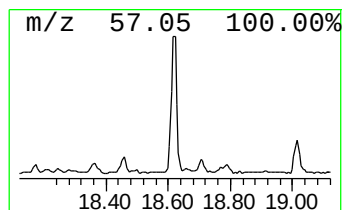
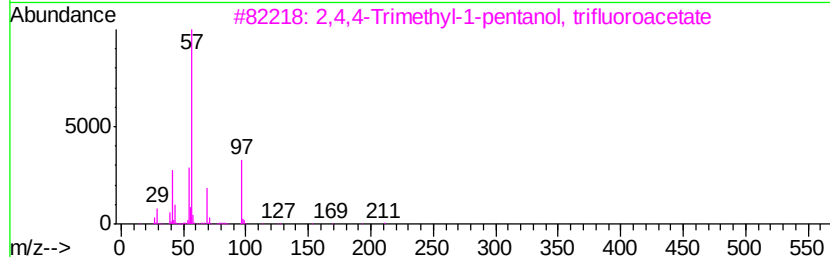
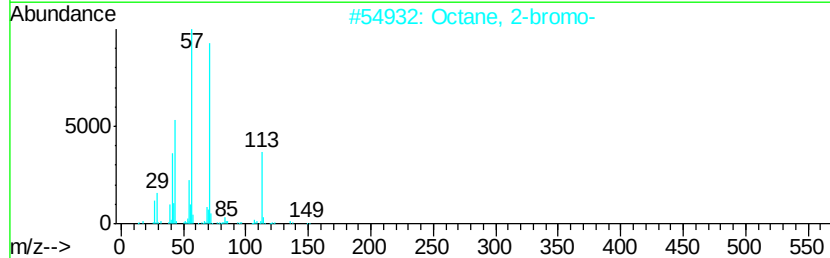
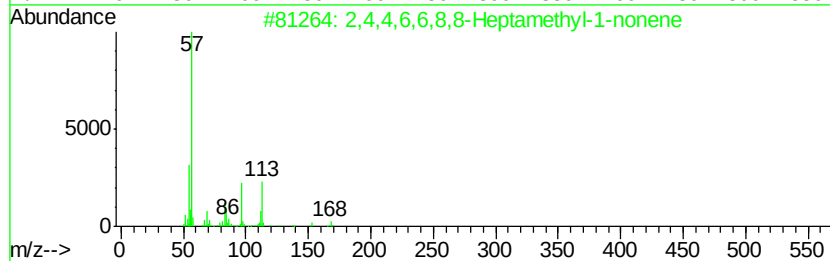
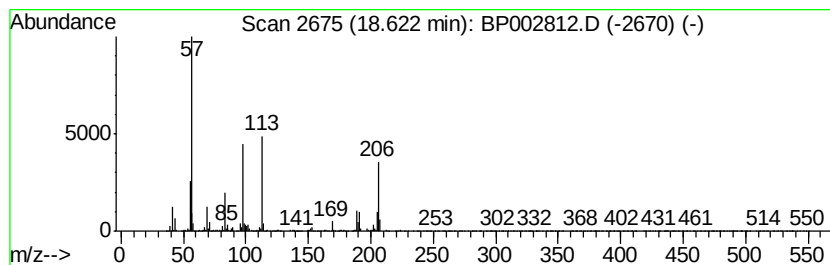
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown18.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.20 ng	240803	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	22
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	16
3		2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	12
4		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	12
5		6,6-Dibutoxyhexanoic acid, butyl...	316	C18H36O4	1000280-29-0	10



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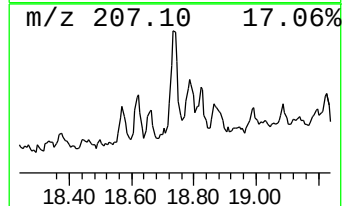
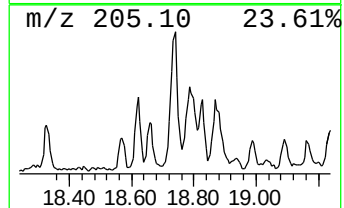
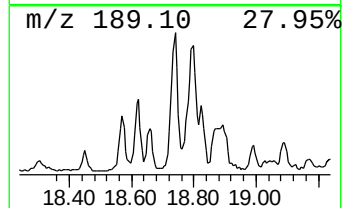
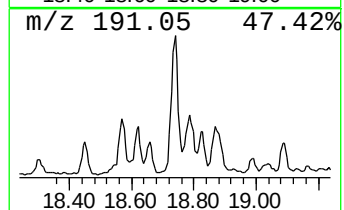
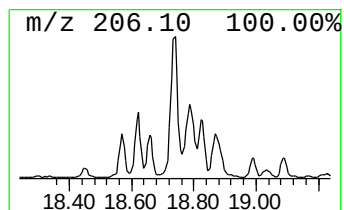
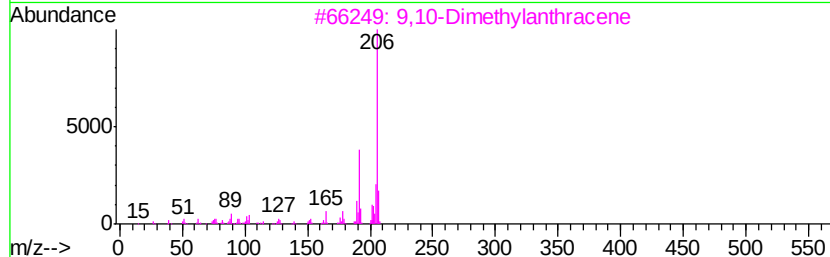
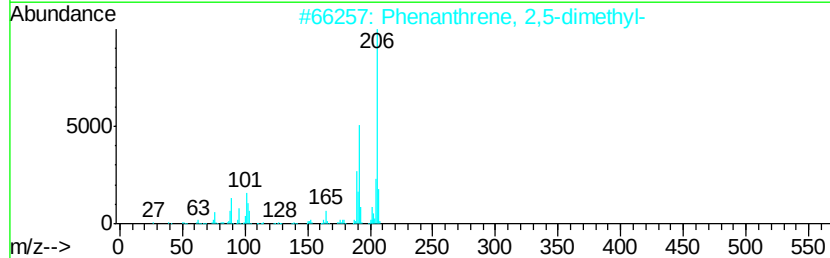
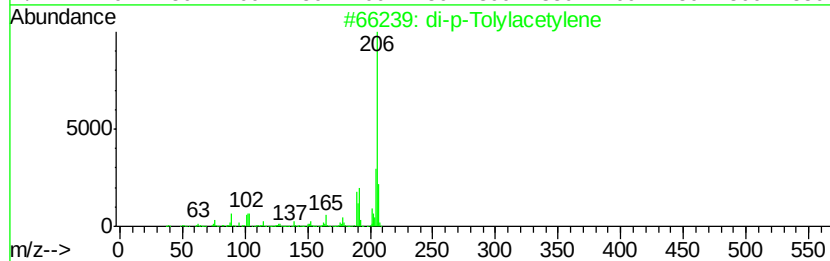
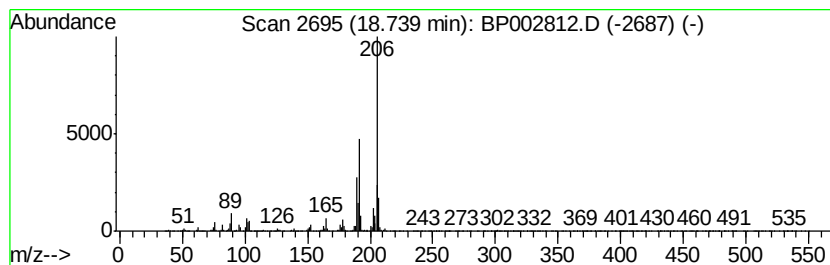
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.94 ng	220924	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HS-01

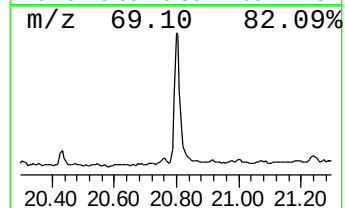
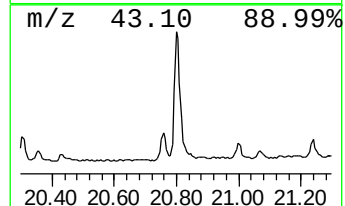
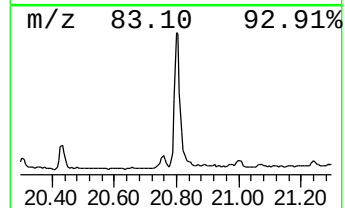
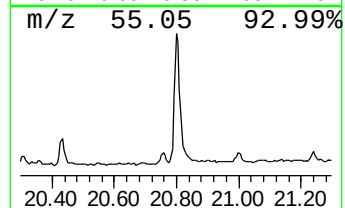
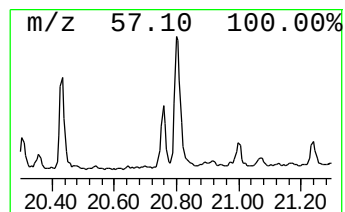
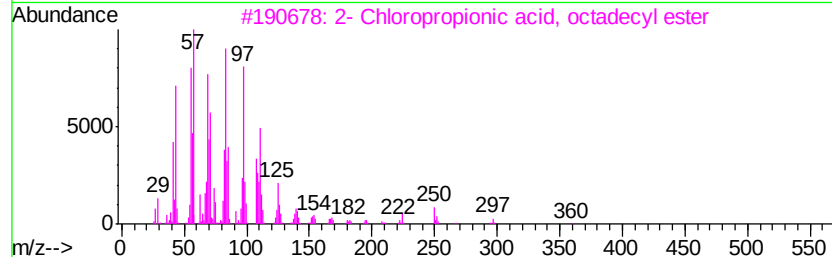
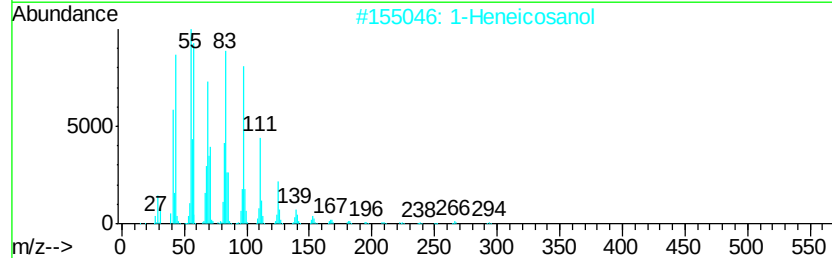
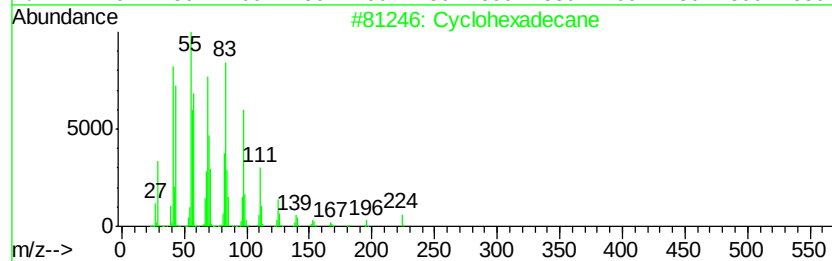
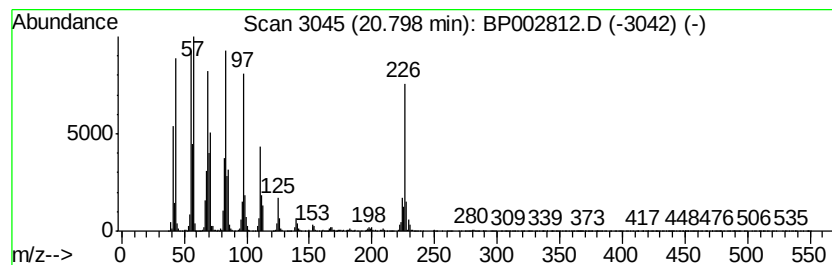
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.59 ng	702035	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	92
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HS-01

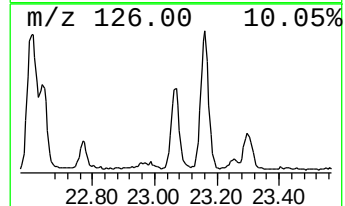
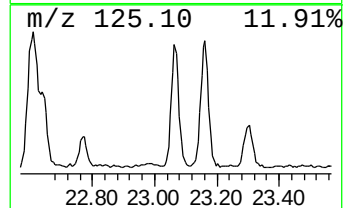
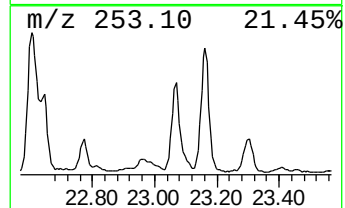
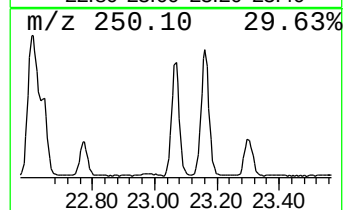
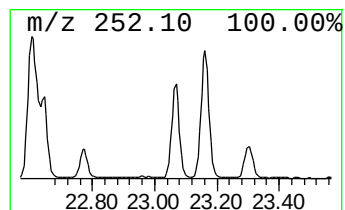
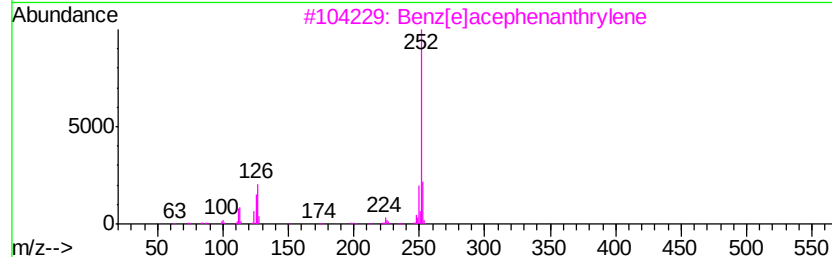
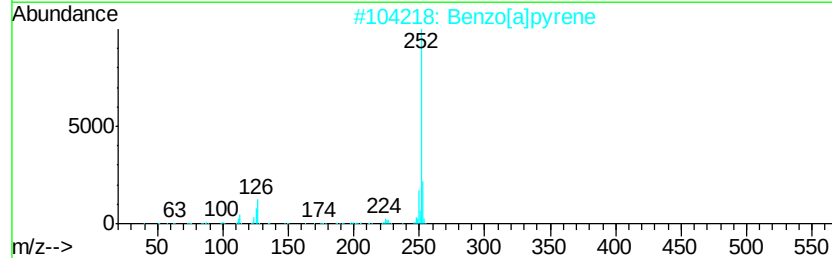
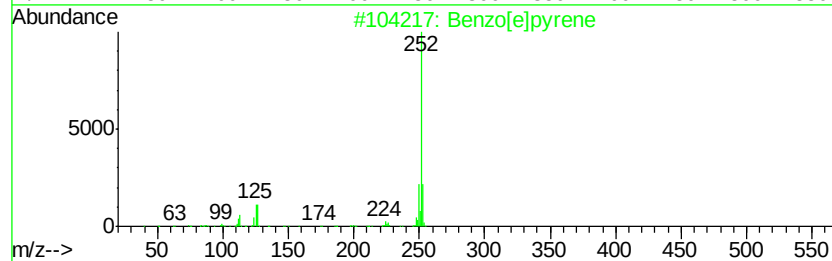
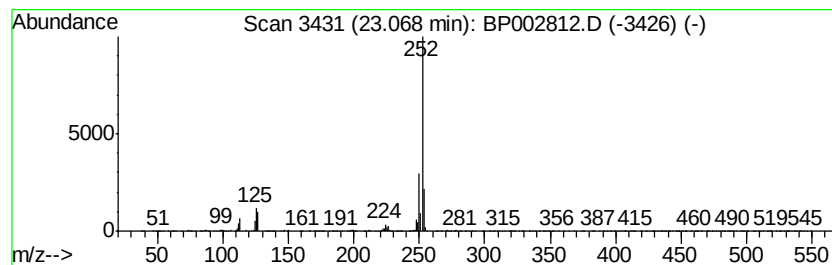
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
23.07	7.53 ng	587216	Perylene-d12	23.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HS-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
Phenanthrene, 2-m...	17.84	2.0	ng	152763	4	16.96	1503130	20.0
Phenanthrene, 1-m...	17.89	2.7	ng	203603	4	16.96	1503130	20.0
4H-Cyclopenta[def...	18.02	3.3	ng	249314	4	16.96	1503130	20.0
unknown18.62	18.62	3.2	ng	240803	4	16.96	1503130	20.0
di-p-Tolylacetylene	18.74	2.9	ng	220924	4	16.96	1503130	20.0
Cyclohexadecane	20.80	5.6	ng	702035	5	21.07	2510230	20.0
Benzo[e]pyrene	23.07	7.5	ng	587216	6	23.26	1559310	20.0