

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003325.D
 Acq On : 18 Sep 2020 17:07
 Operator : CG/JU
 Sample : L4073-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H-1

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-BP091520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	389	396	418	rBV	1799653	2824155	36.82%	3.712%
2	6.799	655	665	684	rBV	1757883	2958931	38.58%	3.889%
3	7.210	730	735	750	rBV	72309	144000	1.88%	0.189%
4	7.599	794	801	810	rVB	687941	1054072	13.74%	1.385%
5	8.746	982	996	1019	rBV	1247102	2163575	28.21%	2.843%
6	10.375	1265	1273	1290	rBV	869422	1609109	20.98%	2.115%
7	12.863	1689	1696	1717	rBV	3479910	5389659	70.27%	7.083%
8	13.157	1741	1746	1756	rBV	181594	293022	3.82%	0.385%
9	13.710	1833	1840	1852	rBV	581029	885661	11.55%	1.164%
10	14.245	1924	1931	1939	rBV	1437093	2165590	28.24%	2.846%
11	15.298	2106	2110	2116	rBV2	54078	78944	1.03%	0.104%
12	15.604	2157	2162	2172	rVB2	37998	80660	1.05%	0.106%
13	15.745	2179	2186	2197	rBV	2697703	4088029	53.30%	5.372%
14	16.545	2314	2322	2325	rBV4	68620	115404	1.50%	0.152%
15	16.739	2351	2355	2361	rBV	66147	116347	1.52%	0.153%
16	17.004	2394	2400	2404	rBV	1773970	2574783	33.57%	3.384%
17	17.045	2404	2407	2412	rVB	769341	1002896	13.08%	1.318%
18	17.133	2418	2422	2429	rVB	232264	337495	4.40%	0.444%
19	17.198	2429	2433	2439	rBV2	68795	121420	1.58%	0.160%
20	17.457	2473	2477	2486	rBV3	49440	94250	1.23%	0.124%
21	17.880	2544	2549	2553	rBV	260924	362173	4.72%	0.476%
22	17.928	2553	2557	2563	rVV	488596	646661	8.43%	0.850%
23	18.004	2564	2570	2575	rVV2	194351	309390	4.03%	0.407%
24	18.069	2575	2581	2584	rVV2	411745	721313	9.40%	0.948%
25	18.104	2584	2587	2595	rVB	217636	290663	3.79%	0.382%
26	18.369	2628	2632	2635	rBV	233498	280546	3.66%	0.369%
27	18.410	2635	2639	2645	rVB2	90037	127381	1.66%	0.167%
28	18.610	2670	2673	2677	rVB	87840	97976	1.28%	0.129%
29	18.657	2678	2681	2685	rBV	100949	119638	1.56%	0.157%
30	18.698	2685	2688	2692	rVB	107970	127099	1.66%	0.167%
31	18.775	2696	2701	2706	rBV	264829	451144	5.88%	0.593%
32	18.839	2706	2712	2715	rBV3	125567	230882	3.01%	0.303%
33	18.910	2720	2724	2733	rVB2	175300	309553	4.04%	0.407%
34	19.027	2739	2744	2752	rBV	3213904	4083220	53.24%	5.366%
35	19.092	2752	2755	2758	rVV	83075	98180	1.28%	0.129%
36	19.127	2758	2761	2766	rVB2	93595	117506	1.53%	0.154%
37	19.227	2772	2778	2780	rBV4	79133	131783	1.72%	0.173%

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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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38	19.263	2781	2784	2788	rVB	89806	117353	1.53%	0.154%
39	19.380	2800	2804	2812	rVB	2726125	3711232	48.39%	4.877%
40	19.457	2812	2817	2824	rVB2	188014	361117	4.71%	0.475%
41	19.586	2830	2839	2843	rBV	5947224	7669597	100.00%	10.079%
42	19.704	2853	2859	2869	rBV5	279876	738248	9.63%	0.970%
43	19.833	2876	2881	2883	rBV2	216014	369136	4.81%	0.485%
44	19.863	2883	2886	2891	rVB	597075	819765	10.69%	1.077%
45	19.963	2899	2903	2907	rBV	401926	478511	6.24%	0.629%
46	20.022	2907	2913	2917	rBV2	416838	701645	9.15%	0.922%
47	20.098	2923	2926	2931	rVB2	109172	137876	1.80%	0.181%
48	20.157	2932	2936	2939	rBV	200849	244199	3.18%	0.321%
49	20.198	2939	2943	2948	rVV3	207440	306568	4.00%	0.403%
50	20.410	2976	2979	2981	rBV3	65485	77525	1.01%	0.102%
51	20.445	2982	2985	2988	rBV3	80302	110009	1.43%	0.145%
52	20.563	3001	3005	3007	rBV2	87206	126212	1.65%	0.166%
53	20.598	3007	3011	3017	rVB	291253	436332	5.69%	0.573%
54	20.757	3032	3038	3041	rBV3	256031	456720	5.95%	0.600%
55	20.792	3041	3044	3047	rVV	343671	429088	5.59%	0.564%
56	20.827	3047	3050	3056	rVV2	941623	1382007	18.02%	1.816%
57	20.886	3057	3060	3067	rVB	305389	452489	5.90%	0.595%
58	21.098	3090	3096	3100	rBV2	2635477	5039230	65.70%	6.623%
59	21.139	3100	3103	3113	rVB	1574644	2042965	26.64%	2.685%
60	21.257	3119	3123	3129	rBV	265440	399229	5.21%	0.525%
61	21.410	3145	3149	3154	rBV2	177362	289268	3.77%	0.380%
62	21.463	3155	3158	3162	rVB4	78650	98962	1.29%	0.130%
63	21.592	3177	3180	3183	rBV	94094	111034	1.45%	0.146%
64	21.645	3185	3189	3193	rVV	400281	538758	7.02%	0.708%
65	21.698	3194	3198	3204	rVB2	254063	423409	5.52%	0.556%
66	21.798	3212	3215	3218	rVB2	113547	139528	1.82%	0.183%
67	21.839	3219	3222	3225	rBV	181594	244564	3.19%	0.321%
68	22.657	3355	3361	3365	rBV	1199921	2512002	32.75%	3.301%
69	22.821	3385	3389	3396	rVB	260868	384848	5.02%	0.506%
70	23.127	3436	3441	3449	rVB	617972	1175569	15.33%	1.545%
71	23.221	3451	3457	3464	rVV	1098924	1965451	25.63%	2.583%
72	23.315	3467	3473	3478	rVV2	1146570	2203210	28.73%	2.895%
73	23.363	3479	3481	3491	rVB2	298932	554683	7.23%	0.729%
74	25.562	3849	3855	3865	rVB	472283	1220033	15.91%	1.603%
75	26.251	3965	3972	3991	rVB2	320696	1020488	13.31%	1.341%

Sum of corrected areas: 76091970

Instrument :

BNA_P

ClientSampleId :

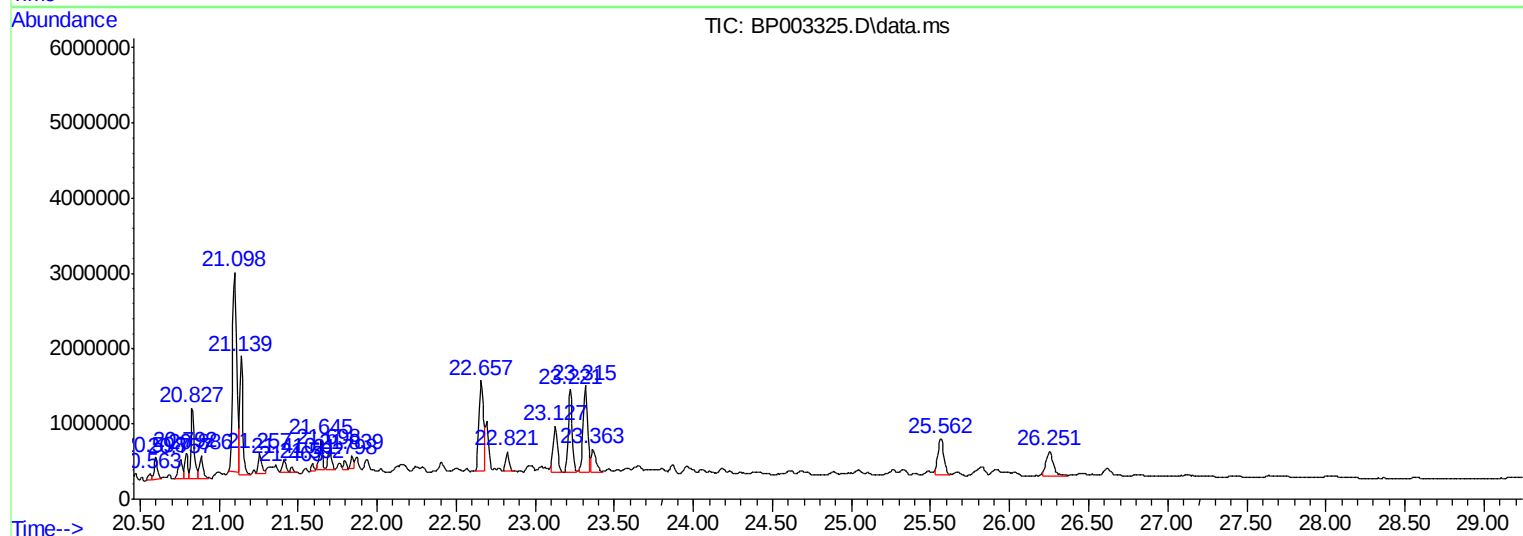
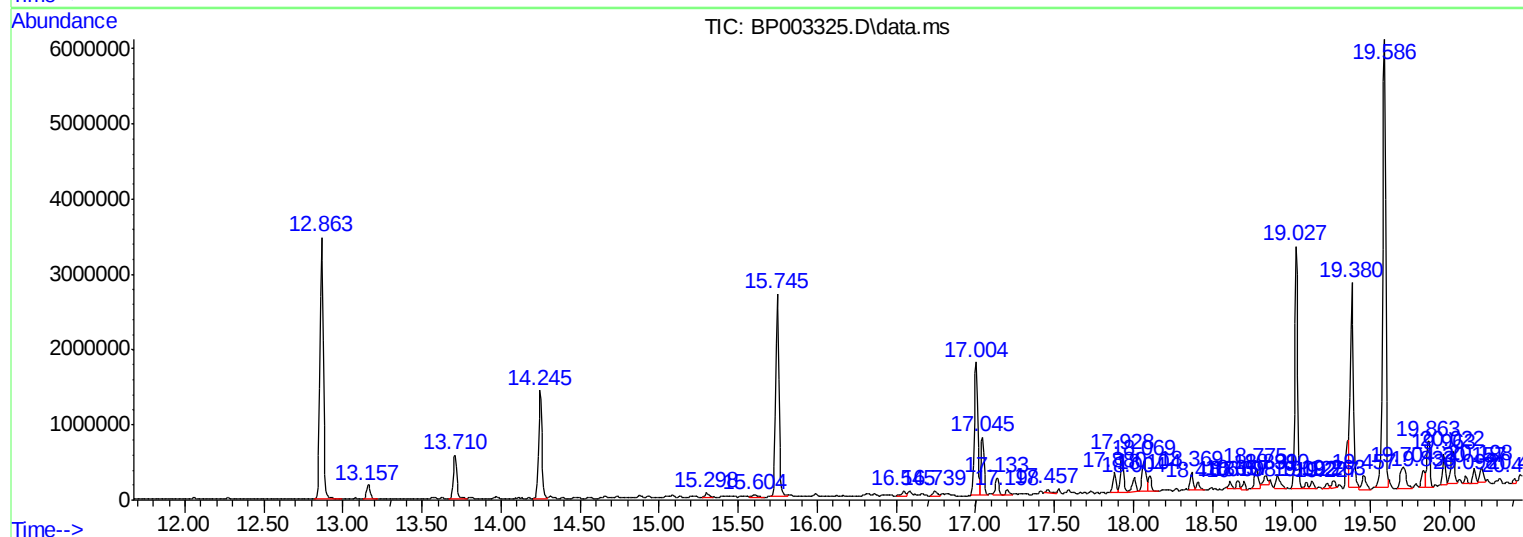
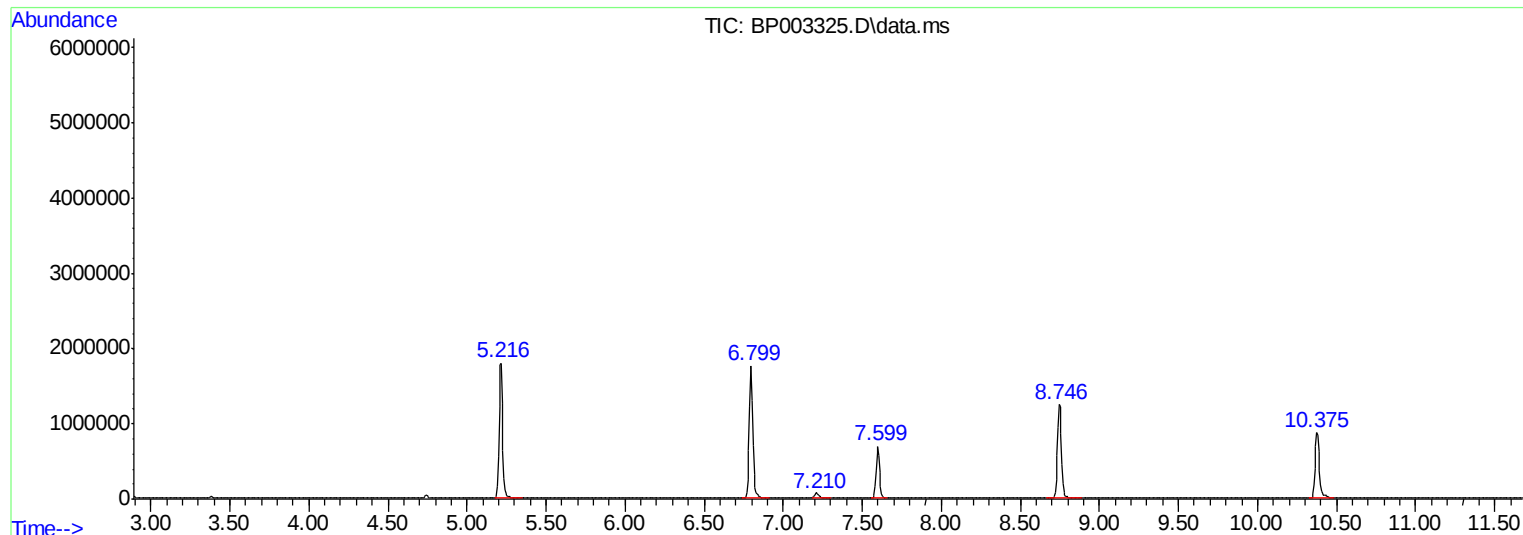
H-1

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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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Data File : BP003325.D
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ALS Vial : 8 Sample Multiplier: 1

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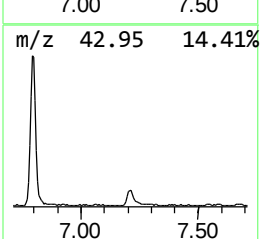
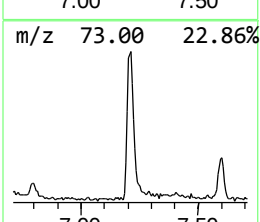
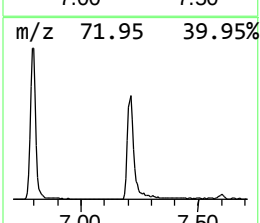
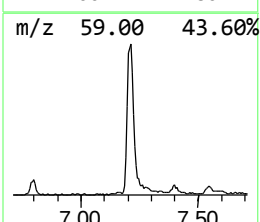
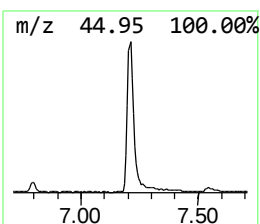
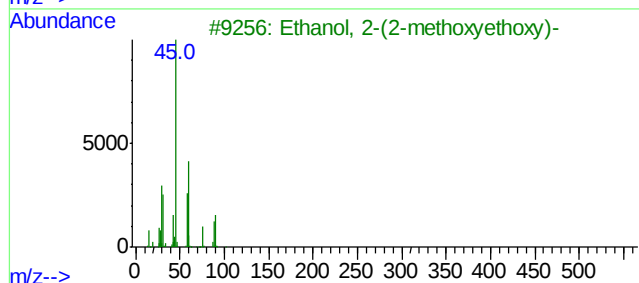
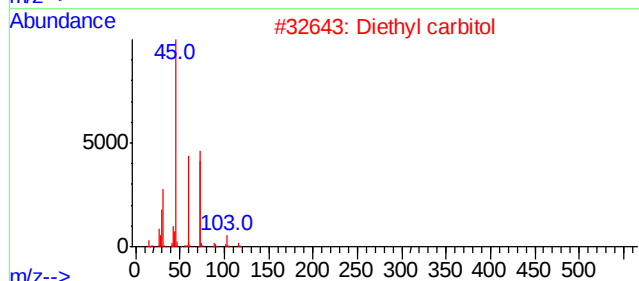
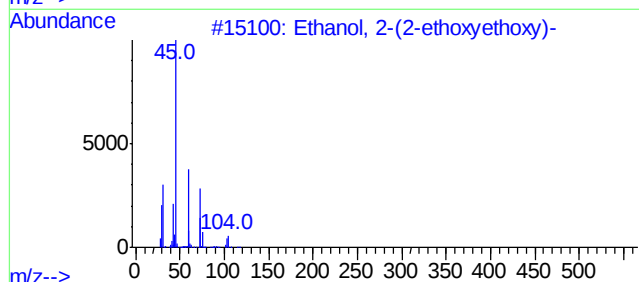
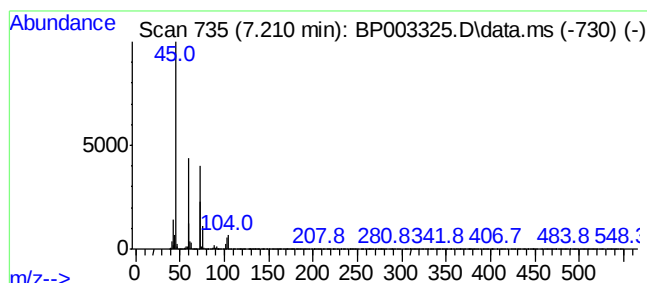
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.73 ng	144000	1,4-Dichlorobenzene-d4	7.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	59
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
5	Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	38



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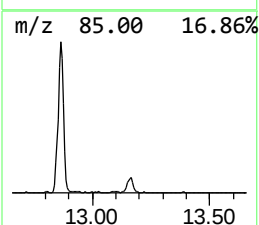
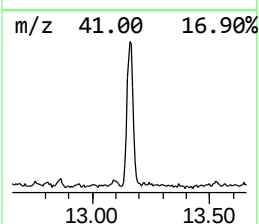
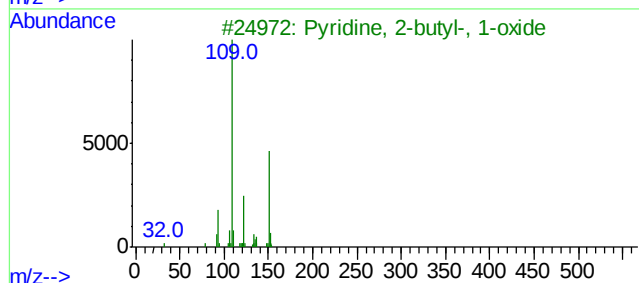
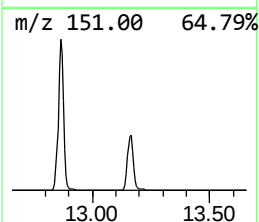
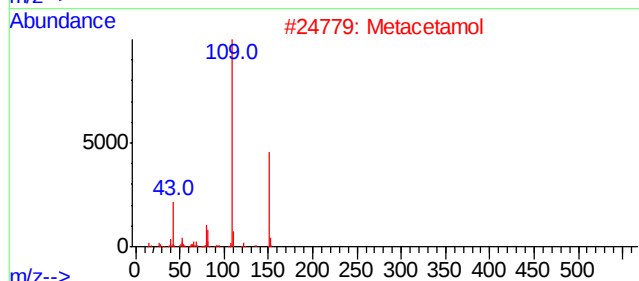
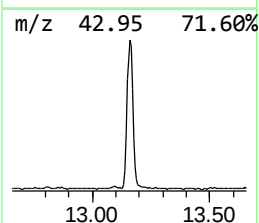
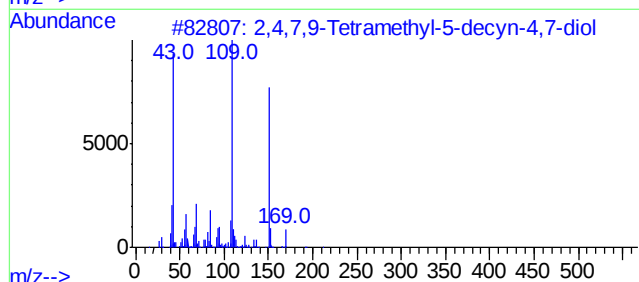
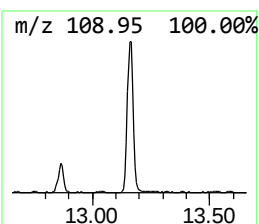
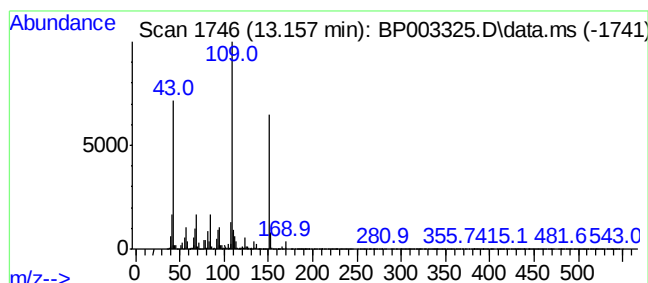
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.71 ng	293022	Acenaphthene-d10	14.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	45



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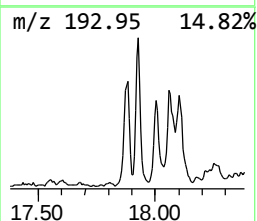
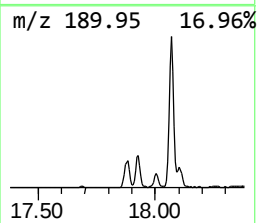
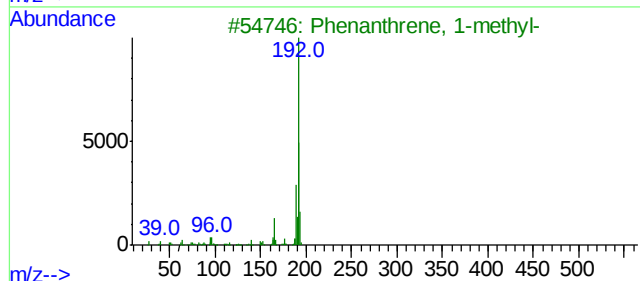
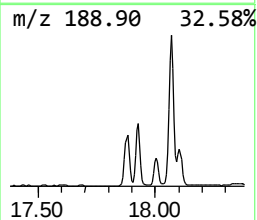
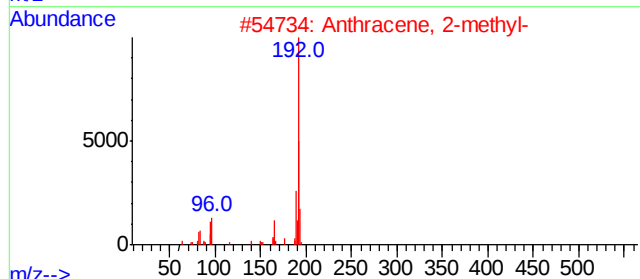
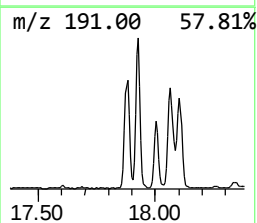
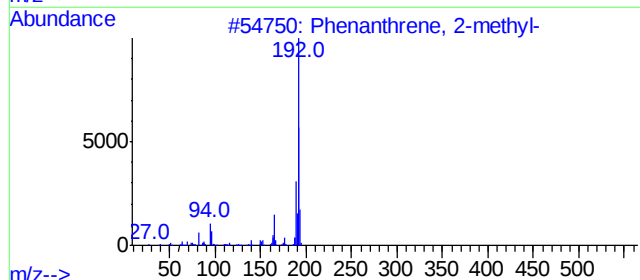
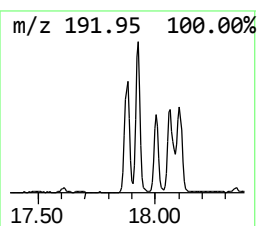
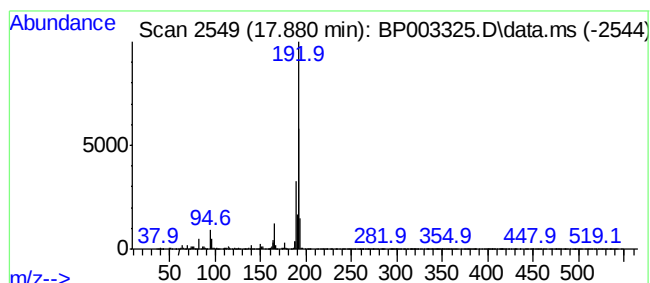
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	2.81 ng	362173	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89



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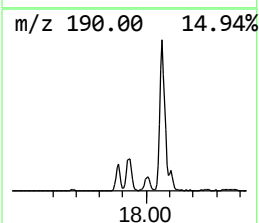
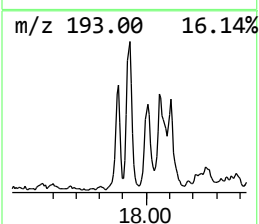
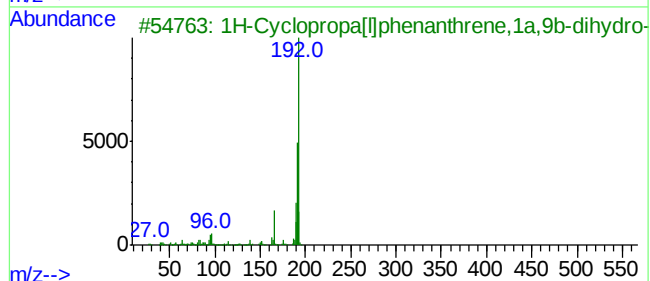
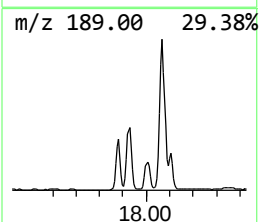
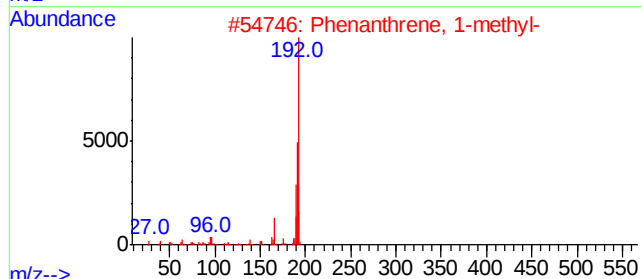
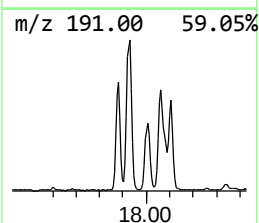
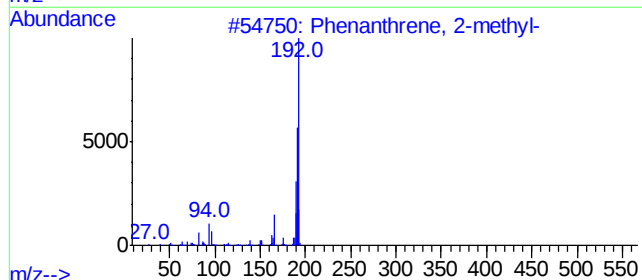
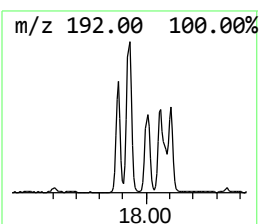
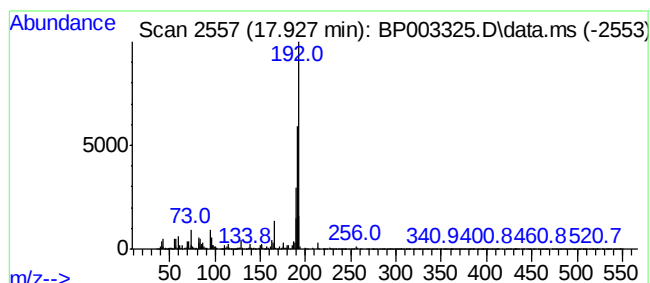
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	5.02 ng	646661	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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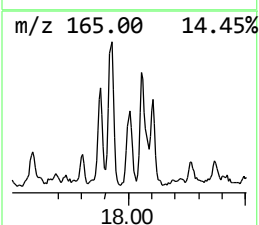
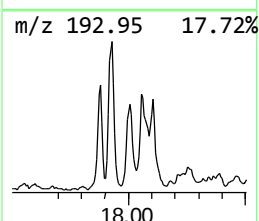
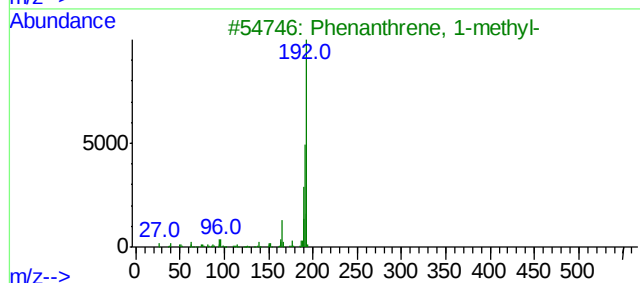
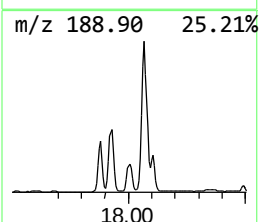
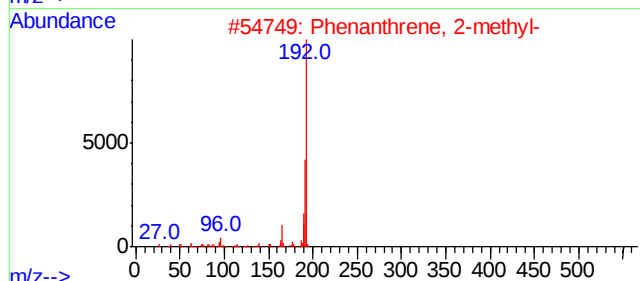
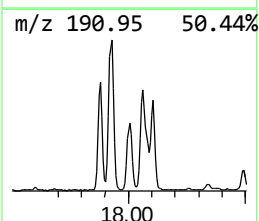
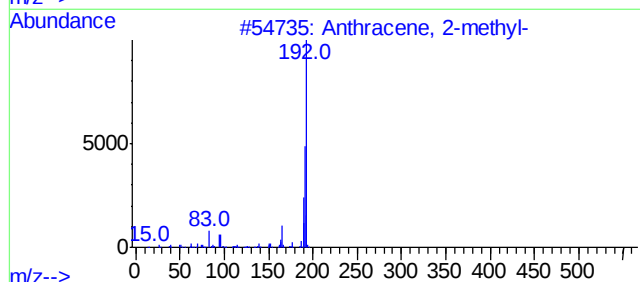
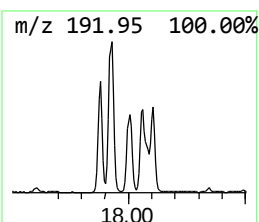
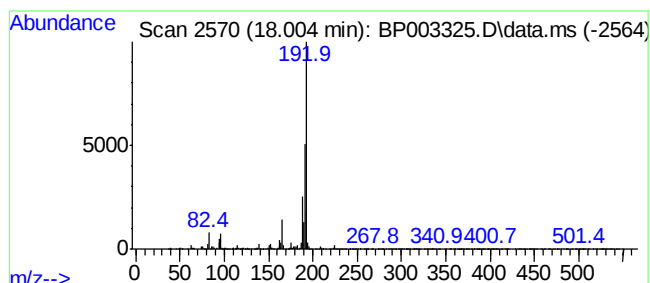
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	2.40 ng	309390	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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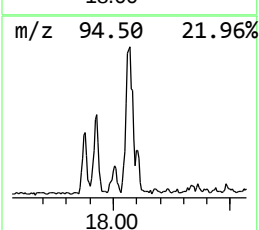
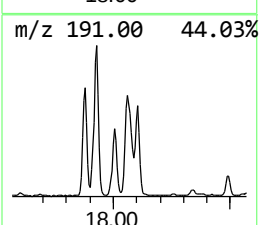
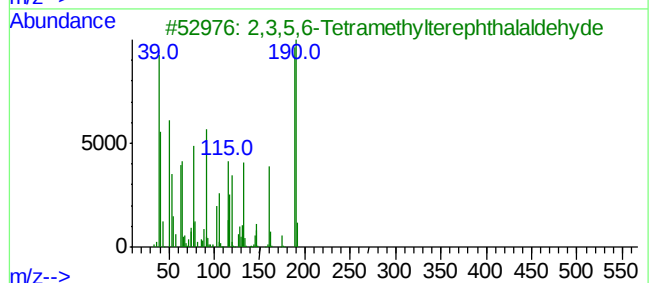
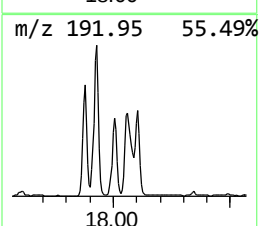
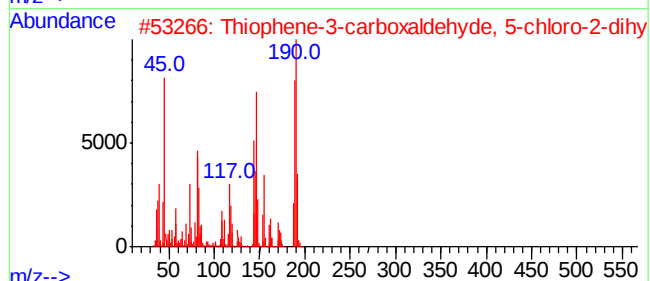
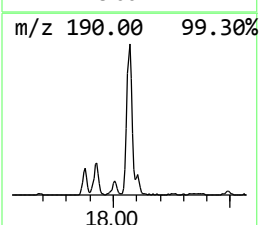
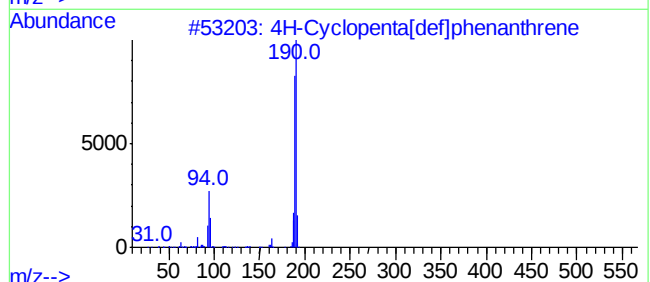
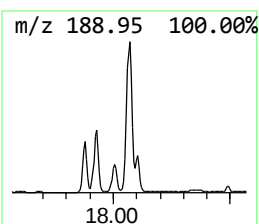
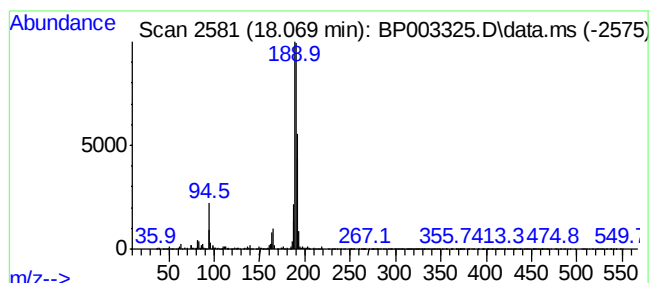
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	5.60 ng	721313	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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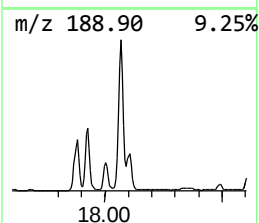
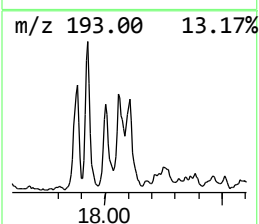
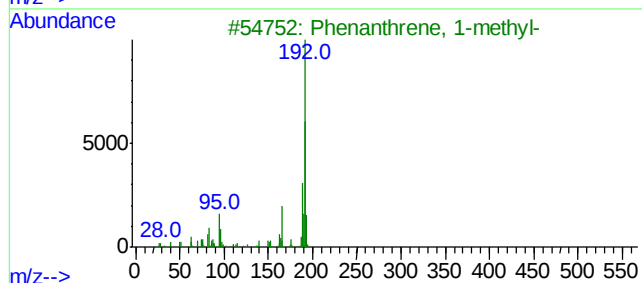
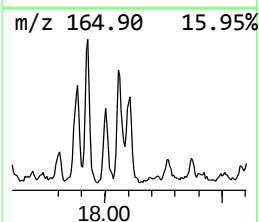
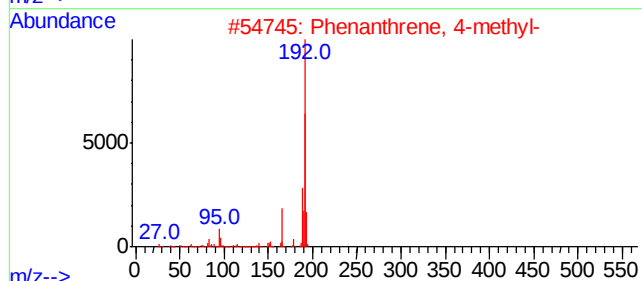
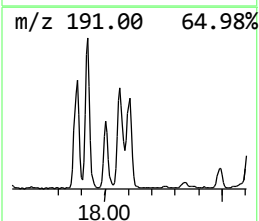
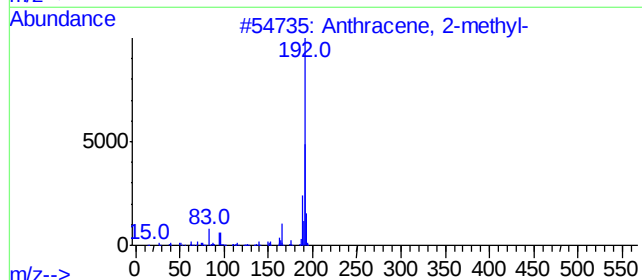
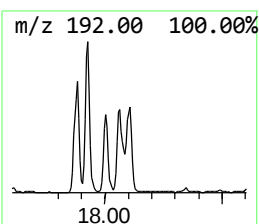
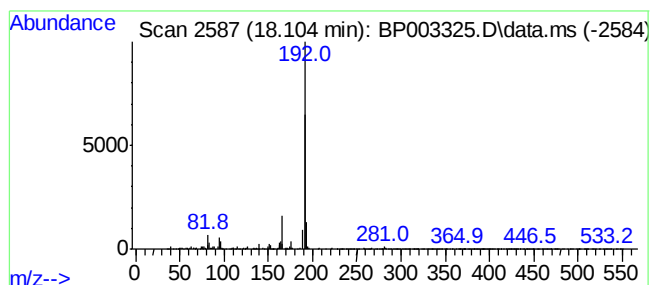
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	2.26 ng	290663	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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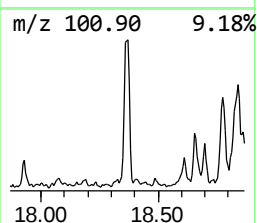
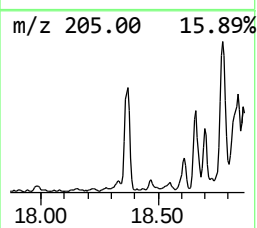
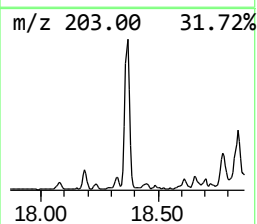
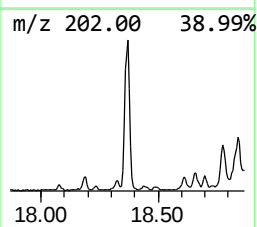
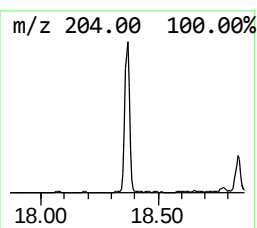
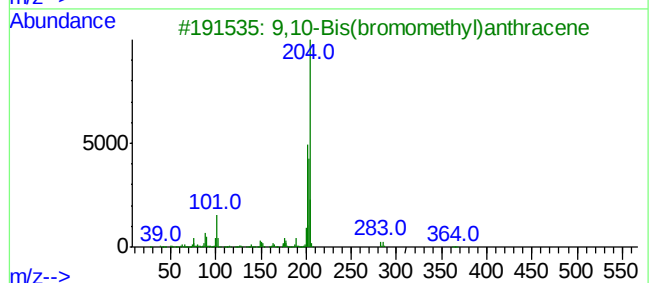
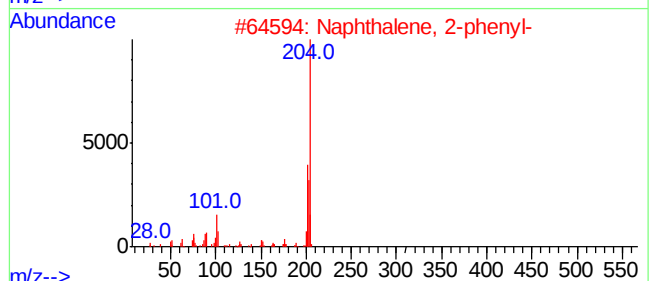
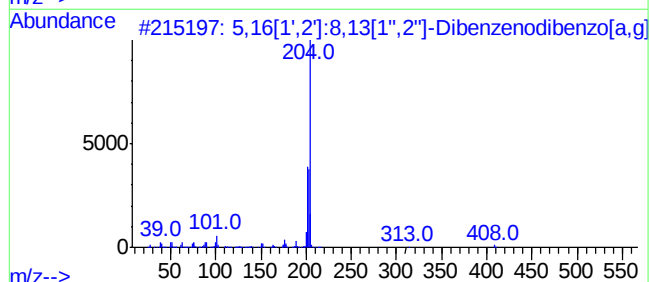
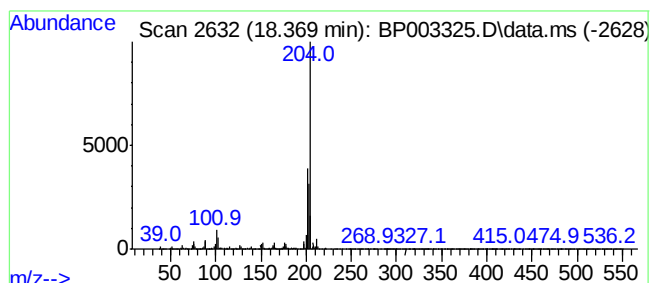
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	2.18 ng	280546	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
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Misc :
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Instrument :
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ClientSampleId :
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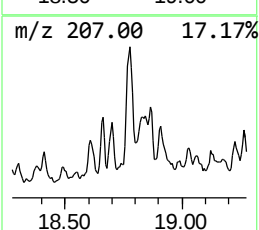
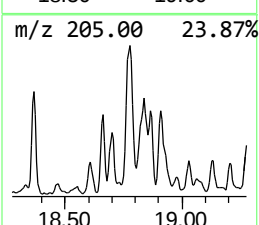
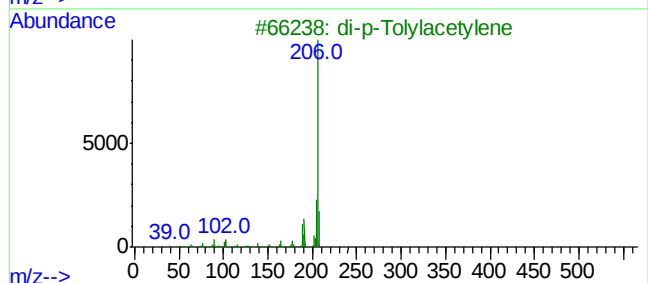
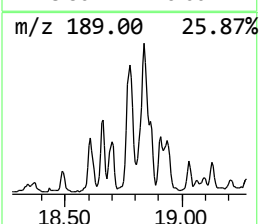
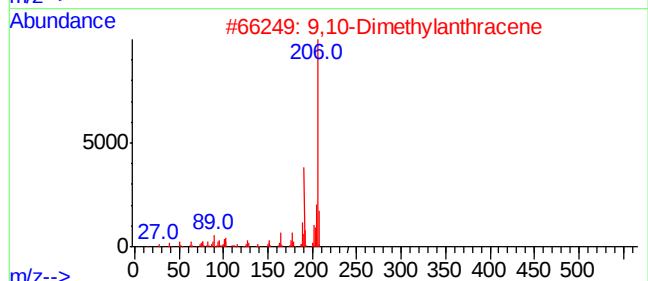
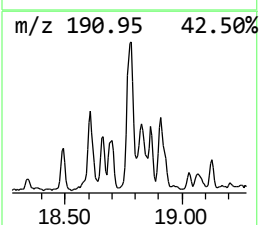
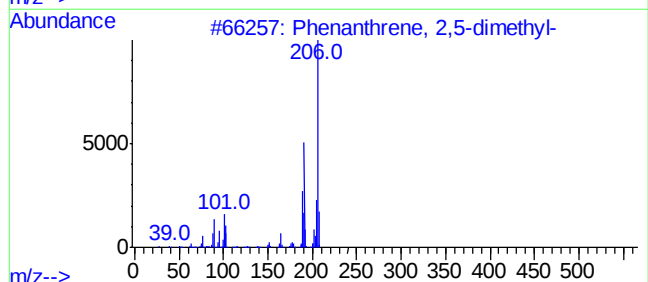
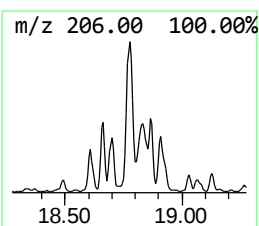
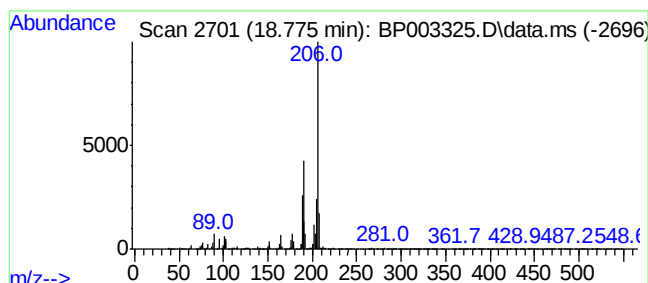
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.775	3.50 ng	451144	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
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Misc :
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BNA_P
ClientSampleId :
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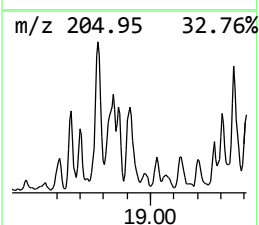
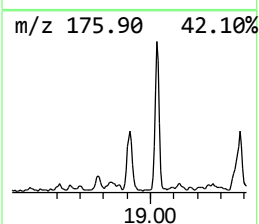
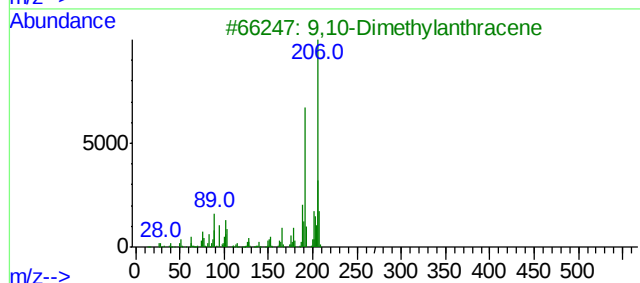
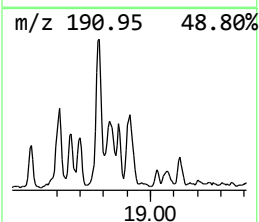
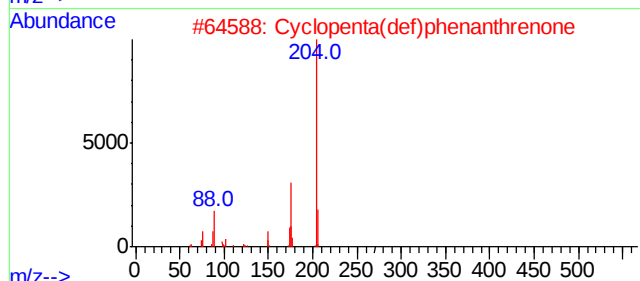
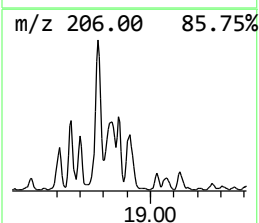
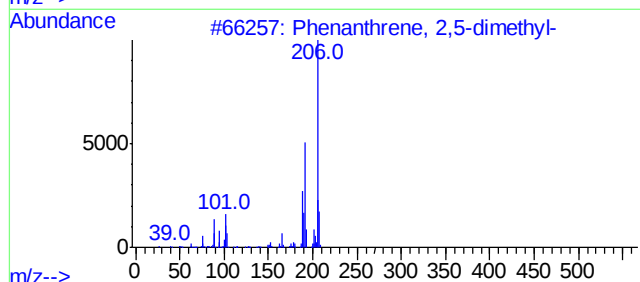
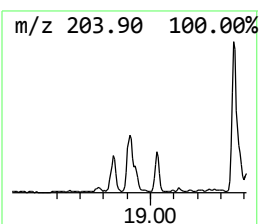
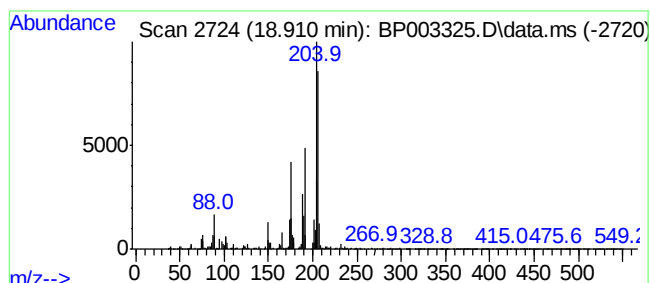
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	2.40 ng	309553	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
3	9,10-Dimethylantracene	206	C16H14	000781-43-1	70
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
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Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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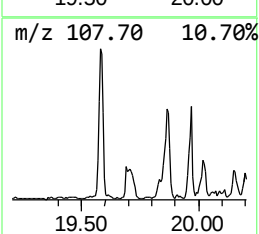
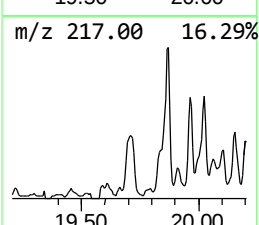
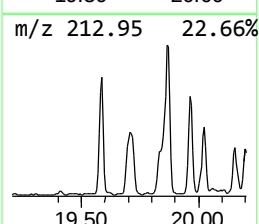
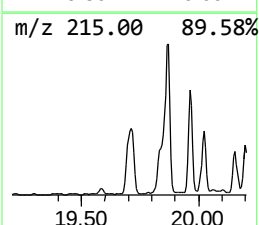
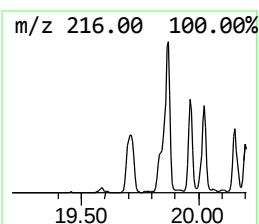
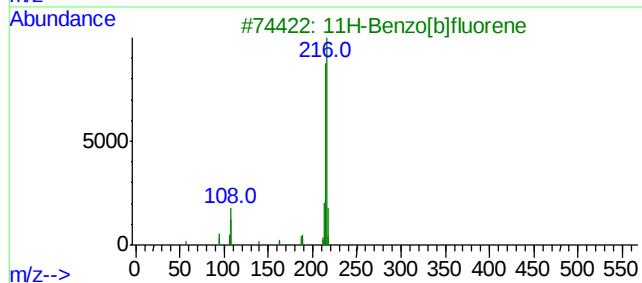
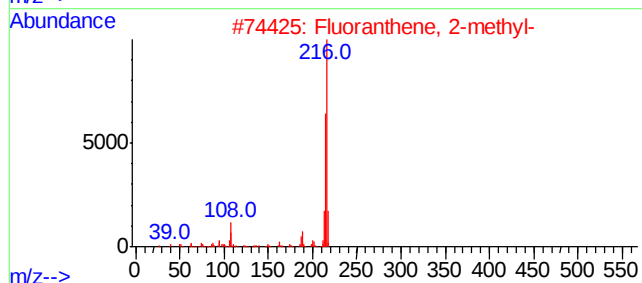
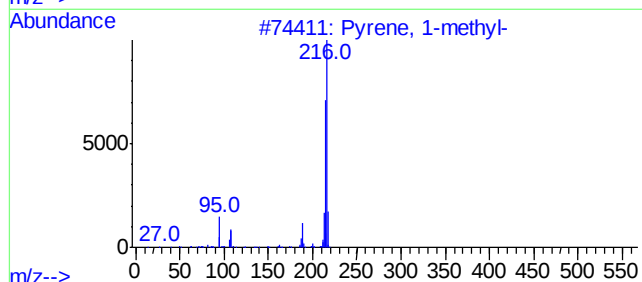
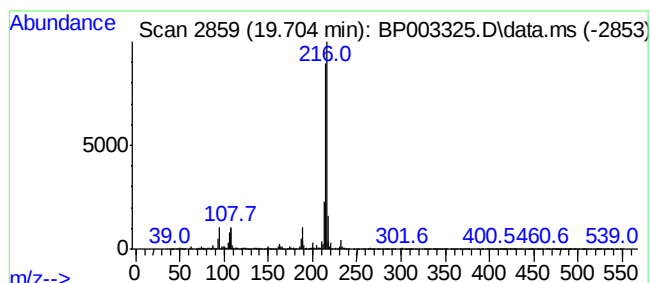
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.704	2.93 ng	738248	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H-1

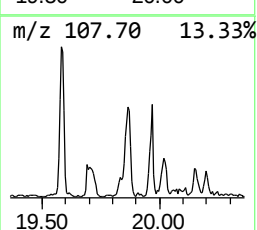
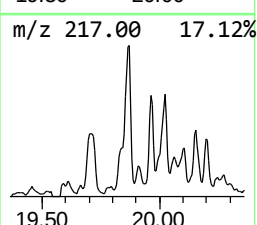
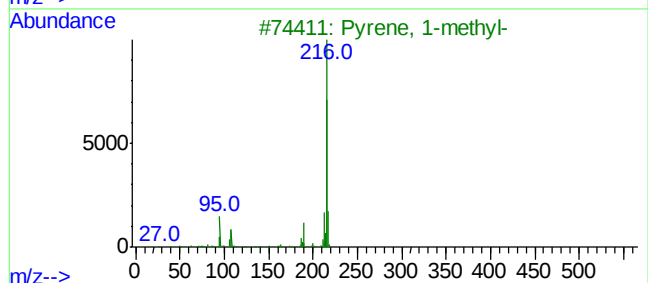
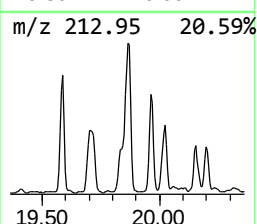
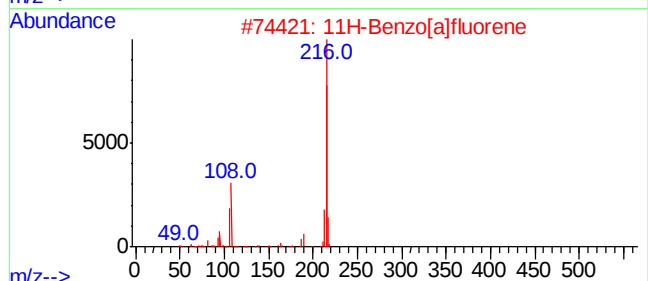
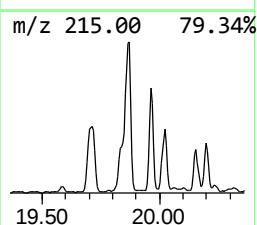
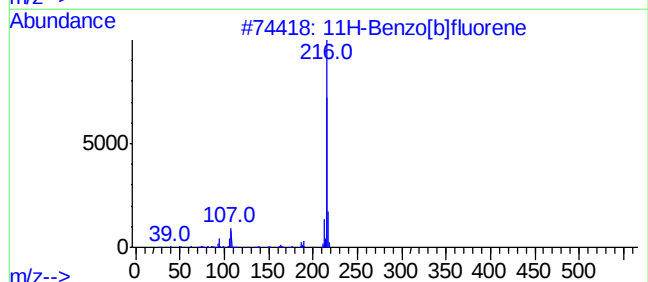
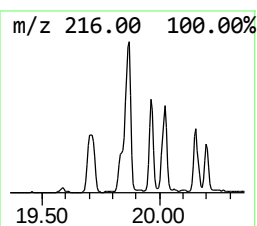
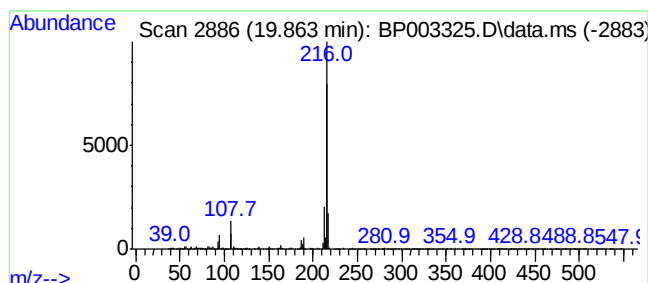
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.863	3.25 ng	819765	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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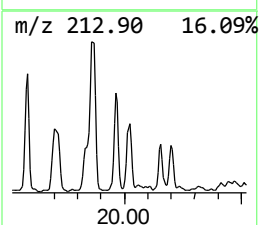
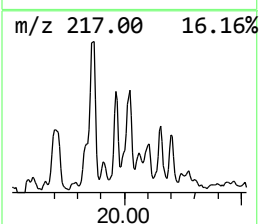
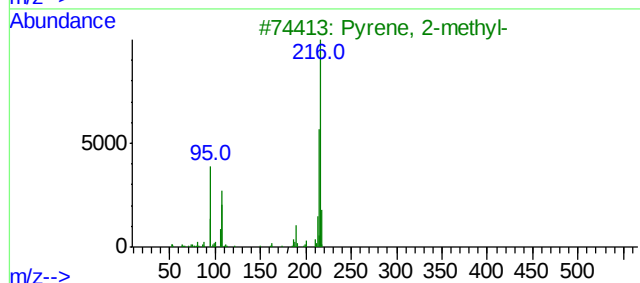
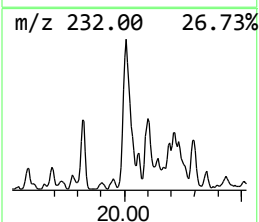
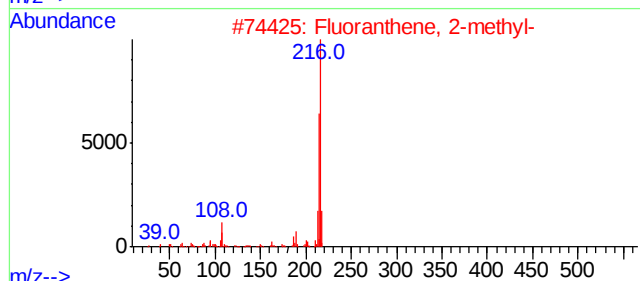
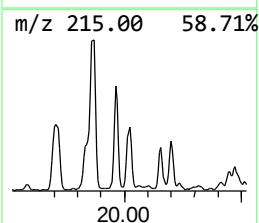
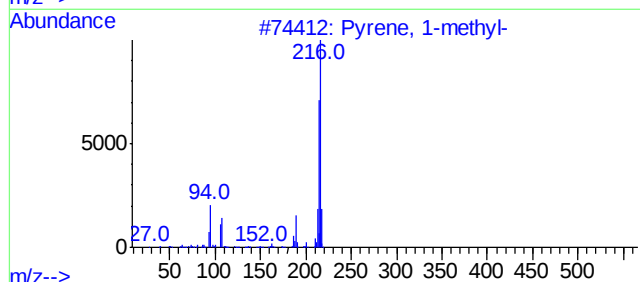
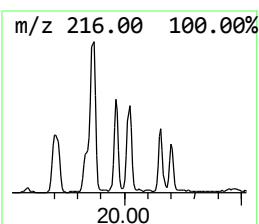
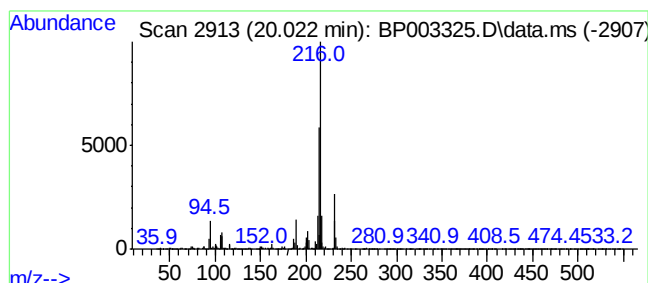
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	2.78 ng	701645	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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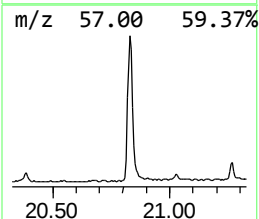
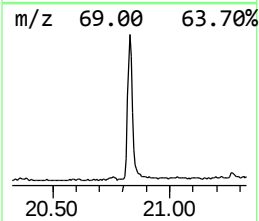
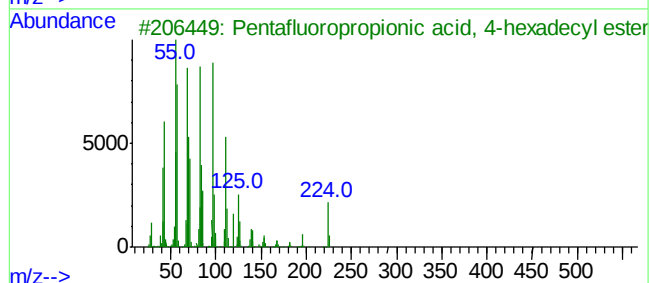
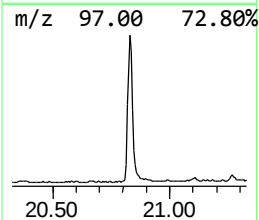
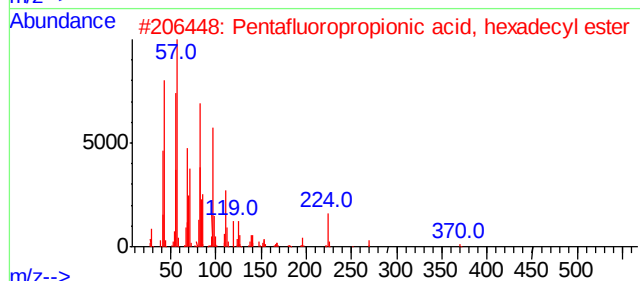
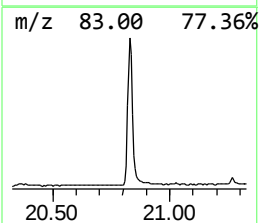
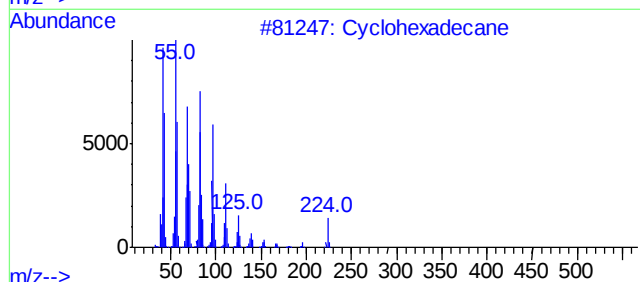
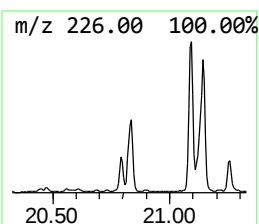
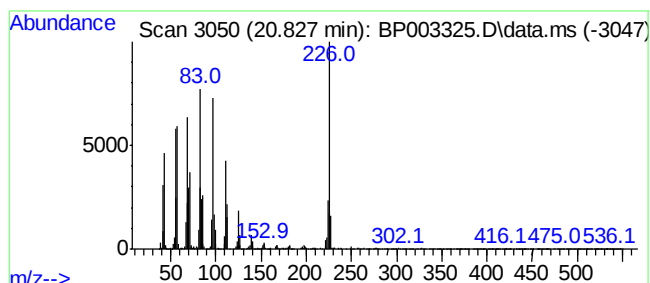
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.827	5.48 ng	1382010	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	58
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	49
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	38
4	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	37
5	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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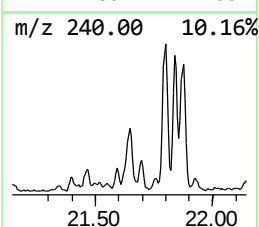
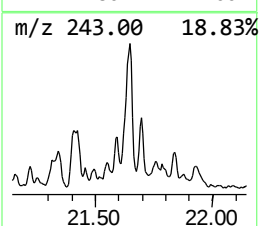
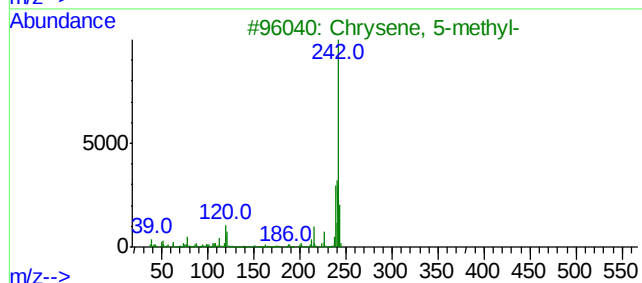
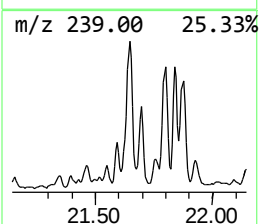
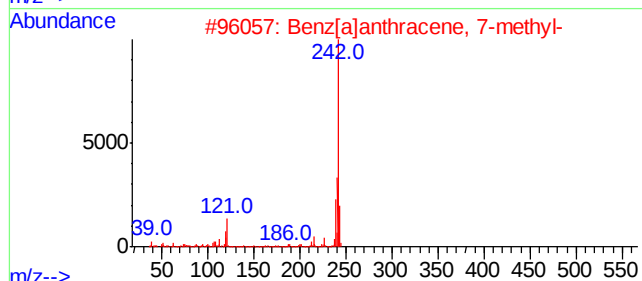
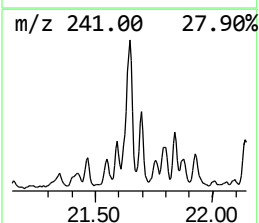
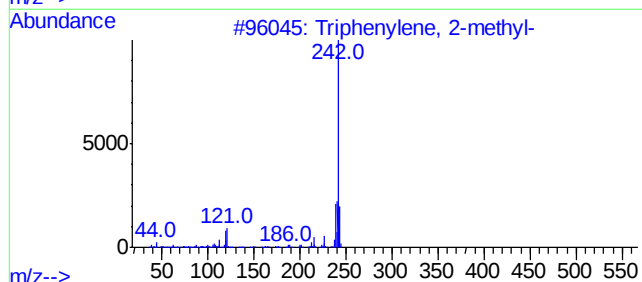
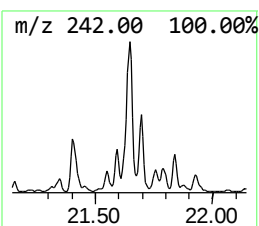
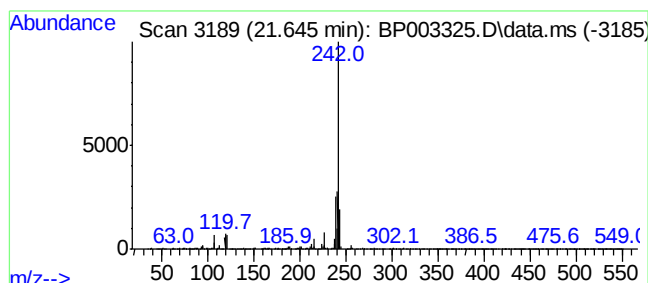
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.645	2.14 ng	538758	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
Sample : L4073-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

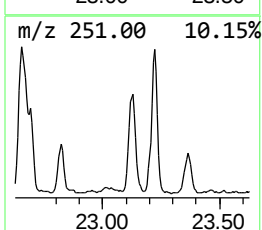
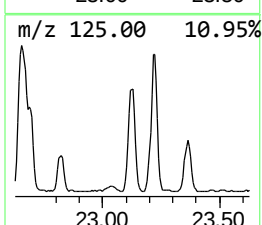
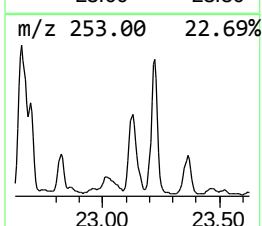
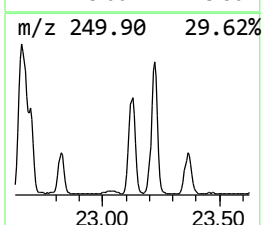
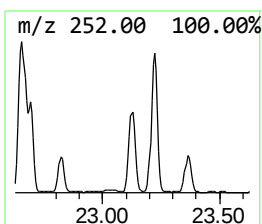
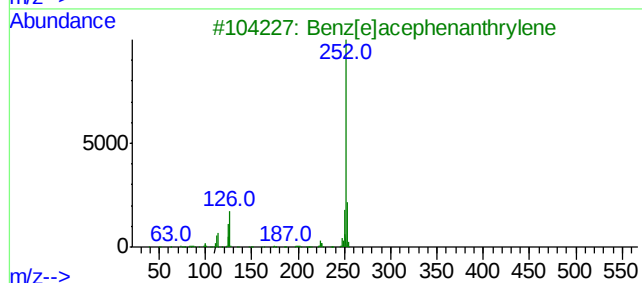
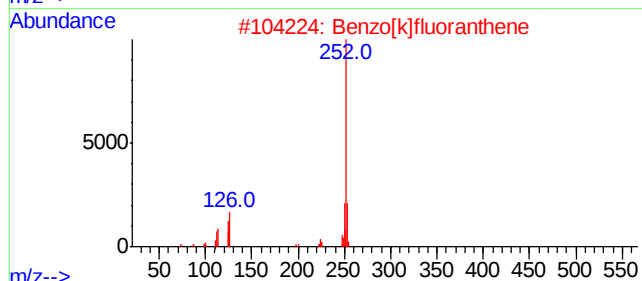
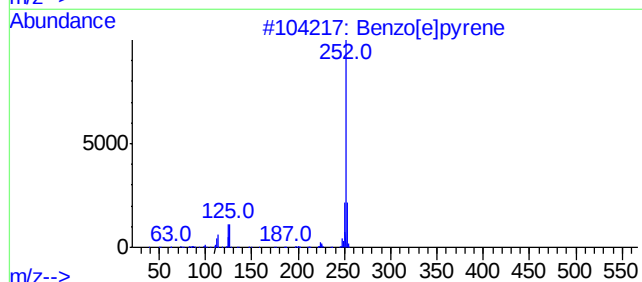
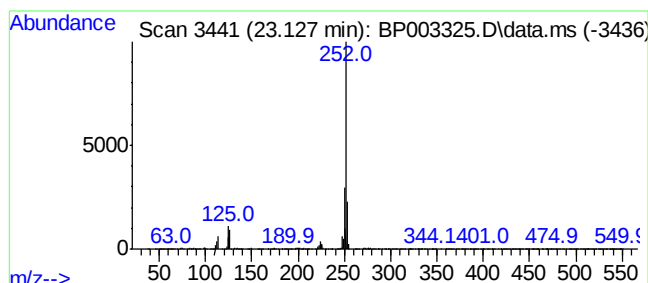
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.127	10.67 ng	1175570	Perylene-d12		23.315	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	96
4	Benzo[a]pyrene		252	C20H12	000050-32-8	93
5	Benzo[i]fluoranthene		252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003325.D
 Acq On : 18 Sep 2020 17:07
 Operator : CG/JU
 Sample : L4073-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-e...	7.210	2.7	ng	144000	1	7.599	1054070	20.0
2,4,7,9-Tetrame...	13.157	2.7	ng	293022	3	14.245	2165590	20.0
Phenanthrene, 1...	17.881	2.8	ng	362173	4	17.004	2574780	20.0
1H-Cyclopropa[1...	17.927	5.0	ng	646661	4	17.004	2574780	20.0
Anthracene, 2-m...	18.004	2.4	ng	309390	4	17.004	2574780	20.0
4H-Cyclopenta[d...	18.069	5.6	ng	721313	4	17.004	2574780	20.0
Phenanthrene, 4...	18.104	2.3	ng	290663	4	17.004	2574780	20.0
5,16[1',2']:8,1...	18.369	2.2	ng	280546	4	17.004	2574780	20.0
Phenanthrene, 2...	18.775	3.5	ng	451144	4	17.004	2574780	20.0
9,10-Dimethylan...	18.910	2.4	ng	309553	4	17.004	2574780	20.0
Pyrene, 1-methyl-	19.704	2.9	ng	738248	5	21.104	5039230	20.0
11H-Benzo[b]flu...	19.863	3.3	ng	819765	5	21.104	5039230	20.0
Fluoranthene, 2...	20.022	2.8	ng	701645	5	21.104	5039230	20.0
Cyclohexadecane	20.827	5.5	ng	1382010	5	21.104	5039230	20.0
Triphenylene, 2...	21.645	2.1	ng	538758	5	21.104	5039230	20.0
Benzo[e]pyrene	23.127	10.7	ng	1175570	6	23.315	2203210	20.0