

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001069.D
 Acq On : 19 Nov 2019 00:41
 Operator : JU
 Sample : K5865-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3-(12-14)

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-BP110619.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	2.311	32	38	48	rVB	356900	524945	7.60%	0.980%
2	4.910	476	480	487	rVB	48846	75182	1.09%	0.140%
3	5.722	611	618	632	rBV	390469	572520	8.29%	1.068%
4	6.299	709	716	720	rBV	2183362	2743093	39.72%	5.119%
5	7.810	965	973	979	rBV	2343876	3326243	48.16%	6.207%
6	7.999	999	1005	1020	rBV	2622798	3317403	48.03%	6.191%
7	8.363	1061	1067	1074	rVB	898169	1046545	15.15%	1.953%
8	8.604	1102	1108	1112	rBV	2313291	2791873	40.42%	5.210%
9	9.240	1208	1216	1220	rBV	1627908	2050927	29.69%	3.827%
10	10.387	1406	1411	1416	rBV	1129085	1360433	19.70%	2.539%
11	12.169	1705	1714	1718	rBV	4353565	4990044	72.25%	9.312%
12	12.834	1822	1827	1832	rBV	227537	247068	3.58%	0.461%
13	13.251	1892	1898	1903	rBV	1568976	1842364	26.67%	3.438%
14	14.545	2111	2118	2129	rBV	2492906	3205370	46.41%	5.982%
15	15.445	2264	2271	2275	rBV3	77250	117633	1.70%	0.220%
16	15.486	2275	2278	2282	rVB	67442	73731	1.07%	0.138%
17	15.651	2300	2306	2309	rBV	1711964	2193644	31.76%	4.094%
18	15.681	2309	2311	2316	rVB	1006611	1017397	14.73%	1.899%
19	15.757	2321	2324	2327	rBV	108679	112122	1.62%	0.209%
20	16.145	2387	2390	2396	rVB	82847	101983	1.48%	0.190%
21	16.275	2408	2412	2417	rVB2	45595	72011	1.04%	0.134%
22	16.398	2429	2433	2437	rBV	349488	409635	5.93%	0.764%
23	16.439	2437	2440	2447	rVB	438675	464847	6.73%	0.867%
24	16.510	2447	2452	2453	rBV	70223	89604	1.30%	0.167%
25	16.551	2456	2459	2463	rVV	436203	535487	7.75%	0.999%
26	16.586	2463	2465	2470	rVB	257841	280039	4.05%	0.523%
27	16.839	2502	2508	2516	rVB3	162866	303965	4.40%	0.567%
28	17.039	2539	2542	2546	rBV	100848	111192	1.61%	0.208%
29	17.080	2546	2549	2552	rBV	77014	74825	1.08%	0.140%
30	17.186	2562	2567	2570	rBV	201958	262259	3.80%	0.489%
31	17.227	2570	2574	2577	rVB	120800	144602	2.09%	0.270%
32	17.310	2584	2588	2594	rVB3	73138	127562	1.85%	0.238%
33	17.392	2595	2602	2605	rBV	622434	730392	10.57%	1.363%
34	17.480	2613	2617	2620	rBV3	53551	77124	1.12%	0.144%

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35	17.575	2629	2633	2638	rBV3	85531	110707	1.60%	0.207%
36	17.698	2649	2654	2658	rVB	1038142	1283933	18.59%	2.396%
37	17.751	2658	2663	2669	rBV7	45810	112892	1.63%	0.211%
38	17.933	2687	2694	2697	rBV	5927817	6906912	100.00%	12.889%
39	18.004	2702	2706	2711	rBV	130409	194270	2.81%	0.363%
40	18.116	2721	2725	2726	rBV2	93532	107857	1.56%	0.201%
41	18.145	2727	2730	2736	rVB	200522	273990	3.97%	0.511%
42	18.239	2742	2746	2750	rVB2	130042	144766	2.10%	0.270%
43	18.286	2750	2754	2757	rBV	222981	257159	3.72%	0.480%
44	18.322	2757	2760	2764	rVB	95179	119278	1.73%	0.223%
45	18.404	2770	2774	2777	rBV	157753	173445	2.51%	0.324%
46	18.445	2777	2781	2787	rVB	169565	202024	2.92%	0.377%
47	18.810	2838	2843	2851	rVB2	102798	161066	2.33%	0.301%
48	18.957	2863	2868	2873	rBV2	111203	192423	2.79%	0.359%
49	18.998	2873	2875	2878	rBV	80754	78297	1.13%	0.146%
50	19.080	2887	2889	2896	rVB	76331	97307	1.41%	0.182%
51	19.180	2901	2906	2915	rBV6	136011	349278	5.06%	0.652%
52	19.286	2917	2924	2927	rVV2	2095657	2707216	39.20%	5.052%
53	19.316	2927	2929	2933	rVB	444121	446581	6.47%	0.833%
54	19.421	2940	2947	2950	rBV3	53999	100267	1.45%	0.187%
55	19.786	3004	3009	3013	rBV	157186	211163	3.06%	0.394%
56	19.833	3013	3017	3021	rVB	94494	109944	1.59%	0.205%
57	19.969	3037	3040	3046	rVB2	145813	159992	2.32%	0.299%
58	20.345	3101	3104	3110	rVB2	134630	165379	2.39%	0.309%
59	20.427	3115	3118	3123	rVB	64221	75519	1.09%	0.141%
60	20.574	3137	3143	3147	rBV2	184064	356545	5.16%	0.665%
61	20.745	3168	3172	3177	rBV	138501	170423	2.47%	0.318%
62	20.921	3198	3202	3208	rVB	141092	180805	2.62%	0.337%
63	20.992	3209	3214	3221	rVB	174929	235444	3.41%	0.439%
64	21.068	3221	3227	3232	rBV	1435106	1950036	28.23%	3.639%
65	21.192	3243	3248	3255	rVB2	122811	187341	2.71%	0.350%
66	21.698	3329	3334	3341	rVB5	88360	170177	2.46%	0.318%
67	22.721	3503	3508	3517	rVB3	41339	106804	1.55%	0.199%
68	23.215	3587	3592	3599	rVB	45838	92656	1.34%	0.173%

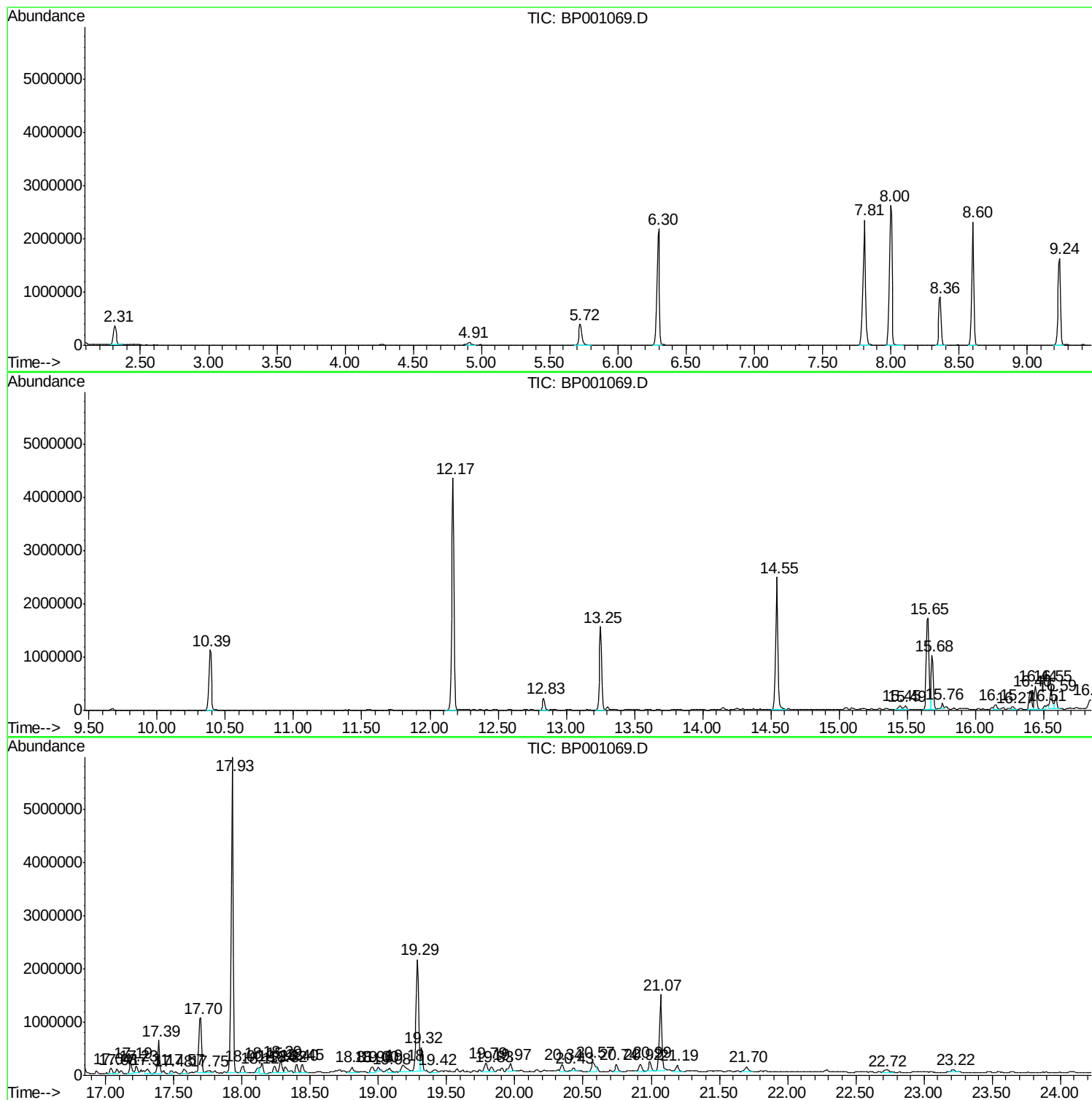
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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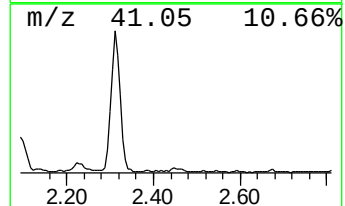
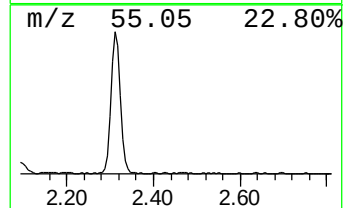
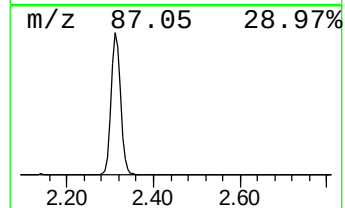
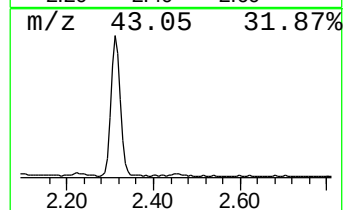
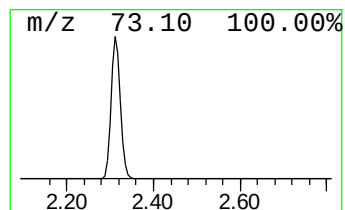
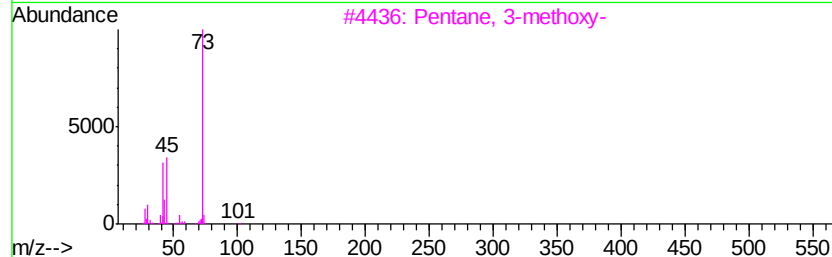
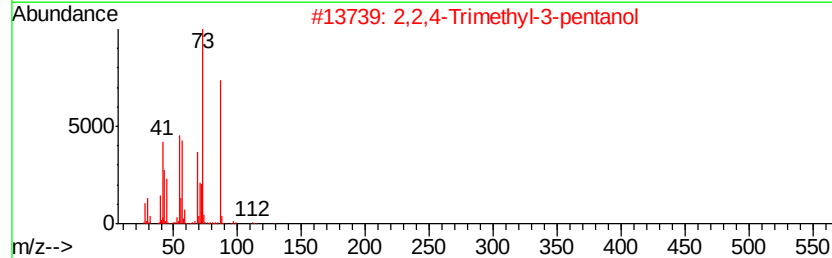
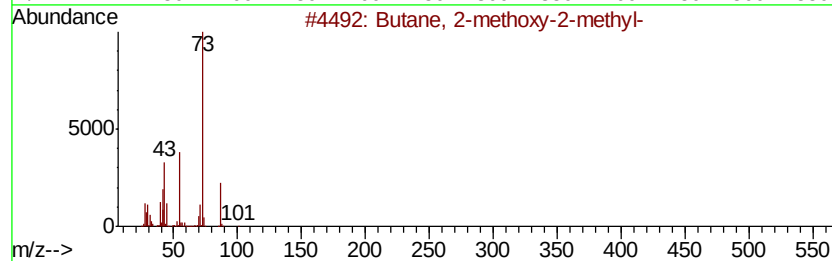
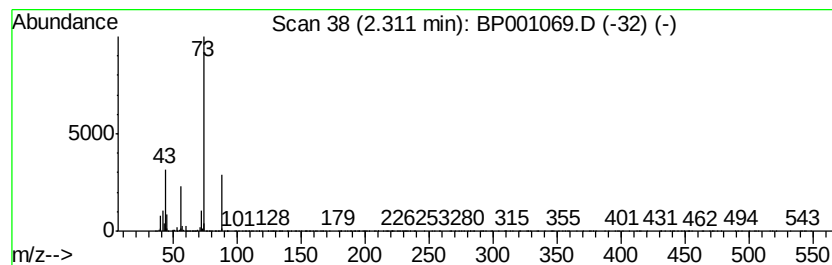
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	10.03 ng	524945	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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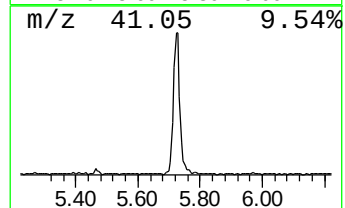
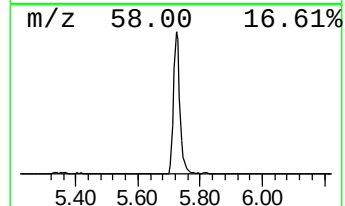
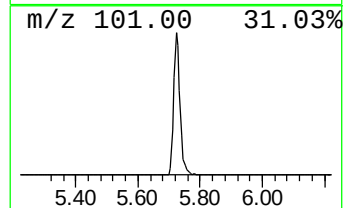
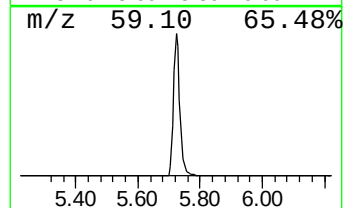
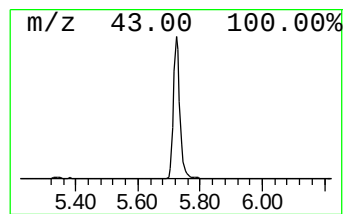
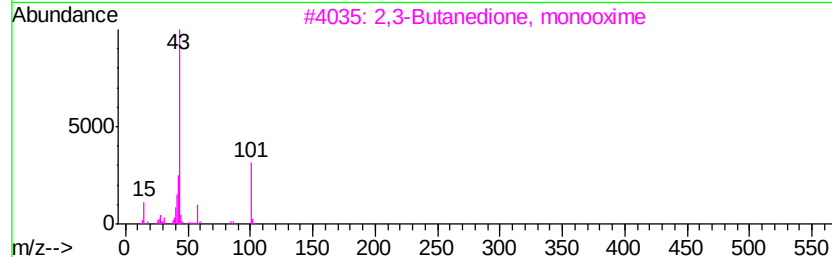
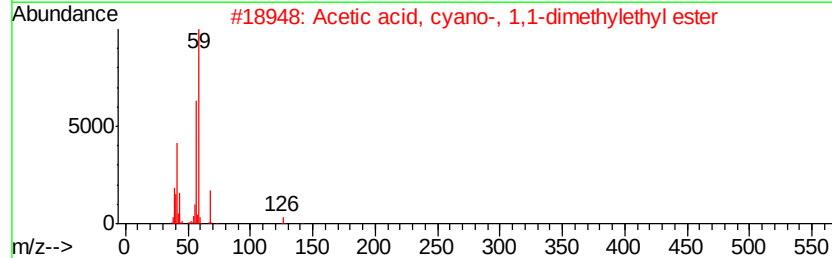
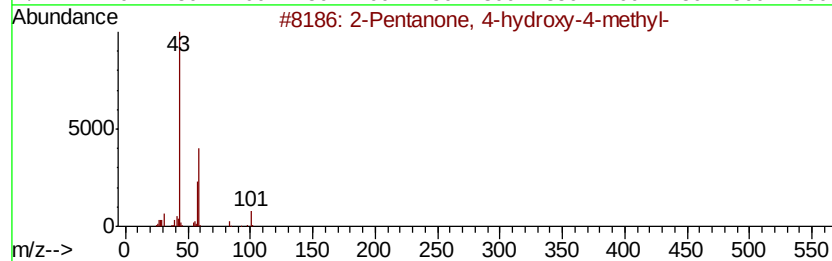
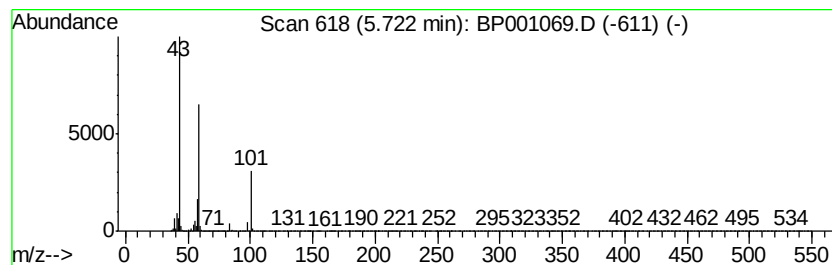
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	10.94 ng	572520	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetone	58	C3H6O	000067-64-1	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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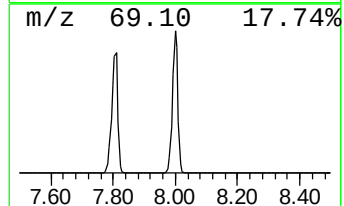
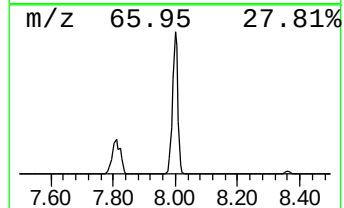
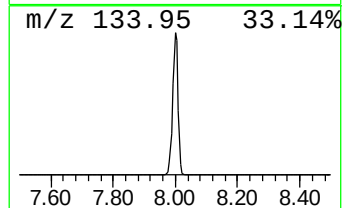
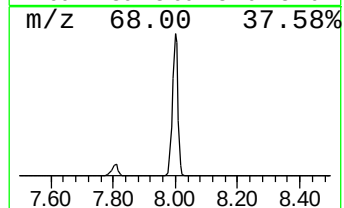
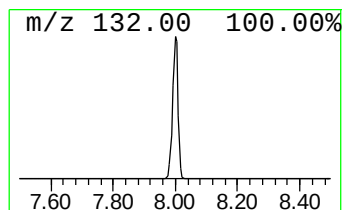
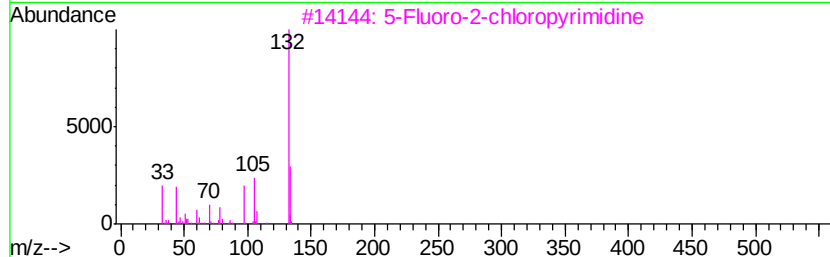
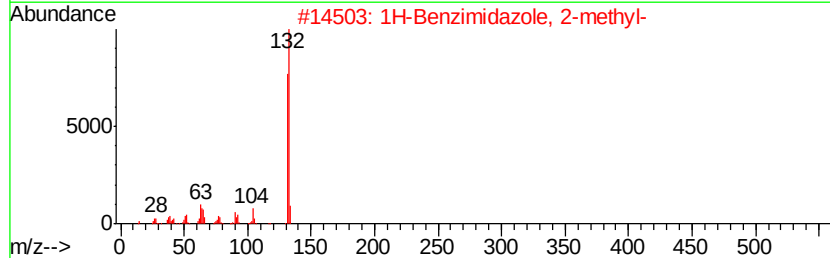
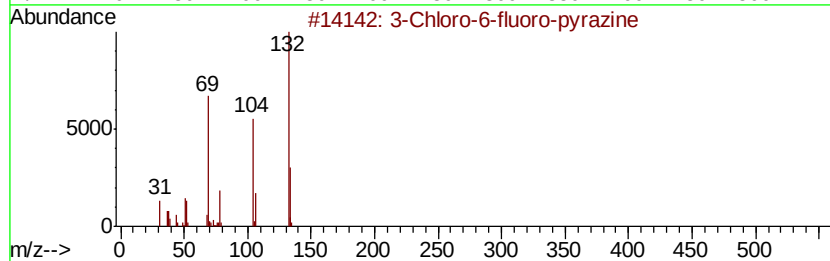
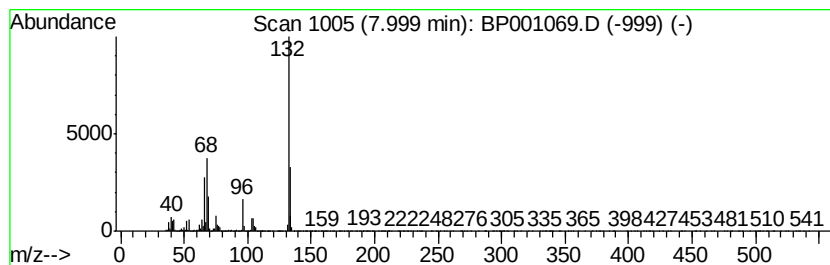
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Peak Number 3 unknown8.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	63.40 ng	3317400	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	12



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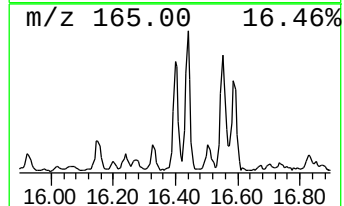
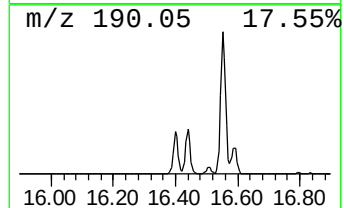
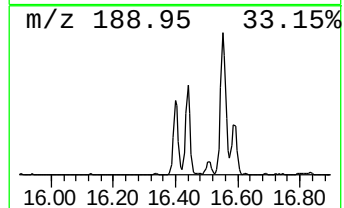
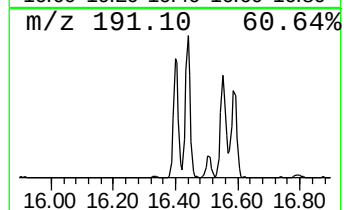
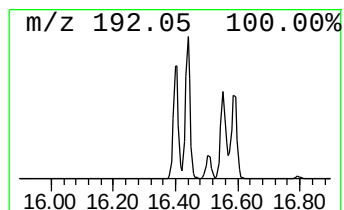
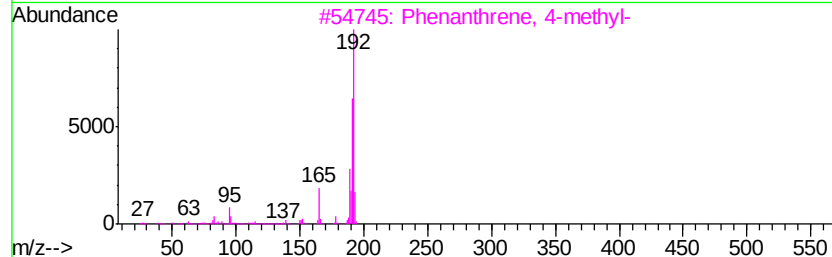
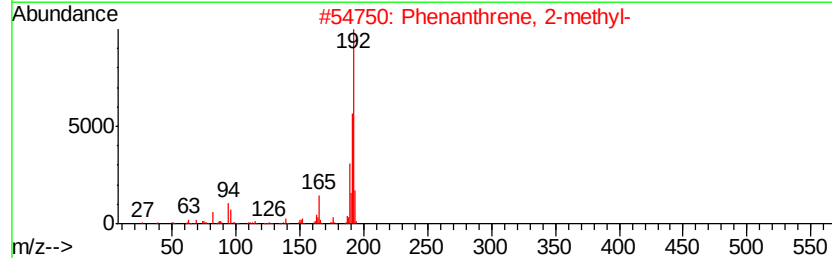
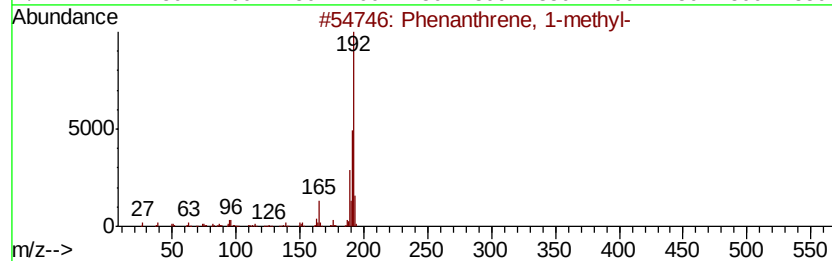
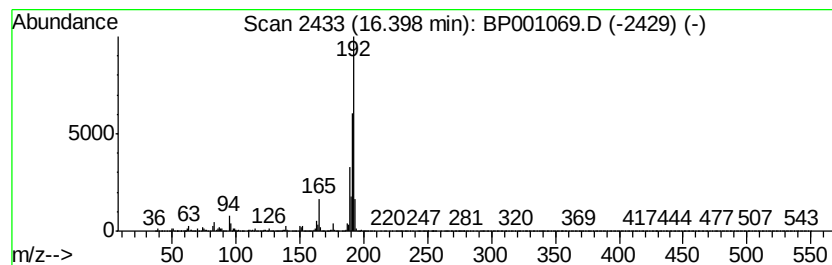
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.73 ng	409635	Phenanthrene-d10	15.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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Sample : K5865-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
3-(12-14)

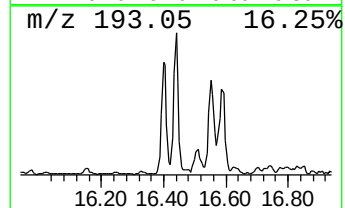
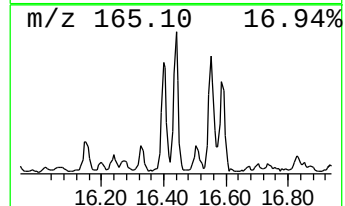
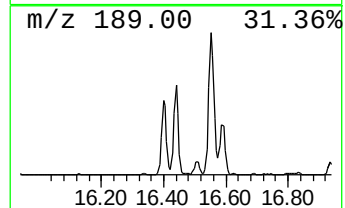
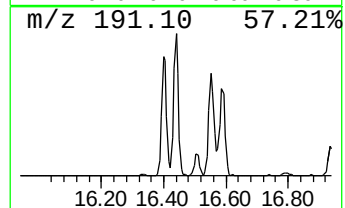
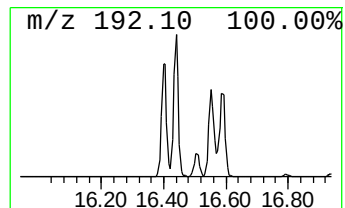
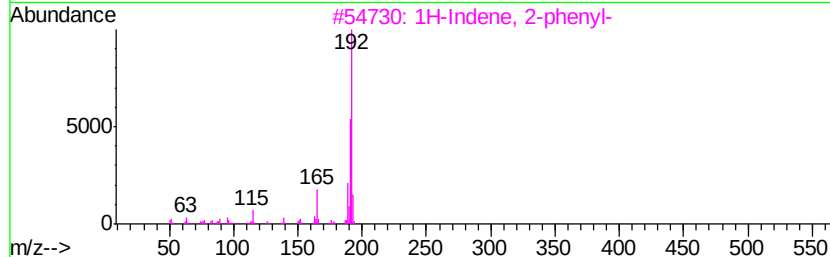
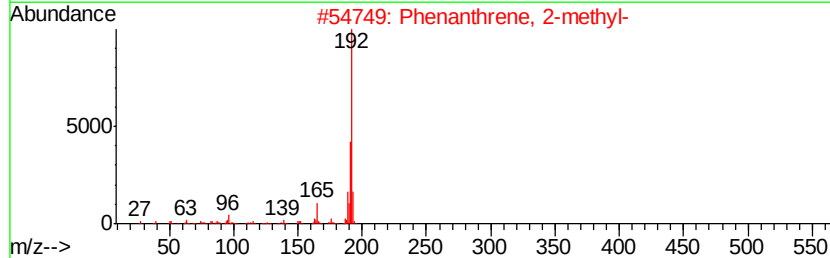
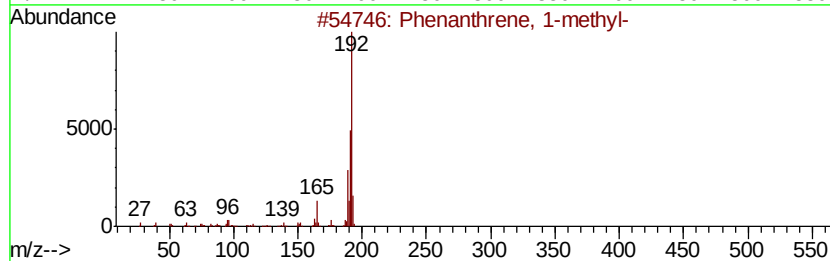
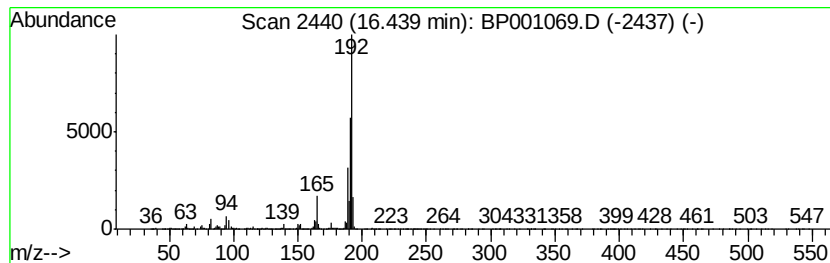
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.24 ng	464847	Phenanthrene-d10	15.65

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001069.D
Acq On : 19 Nov 2019 00:41
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Misc :
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Instrument :
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ClientSampleId :
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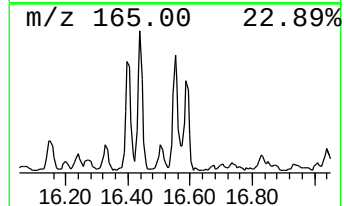
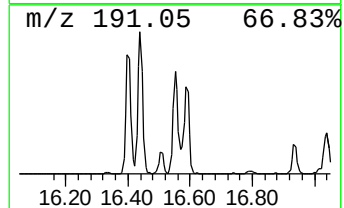
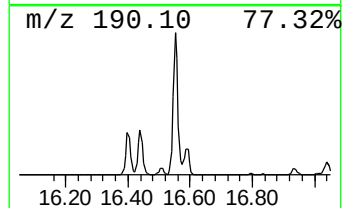
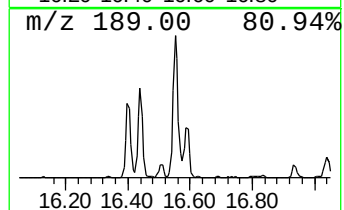
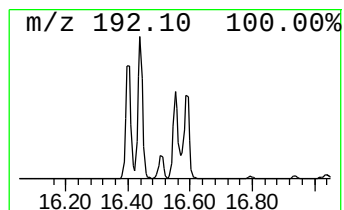
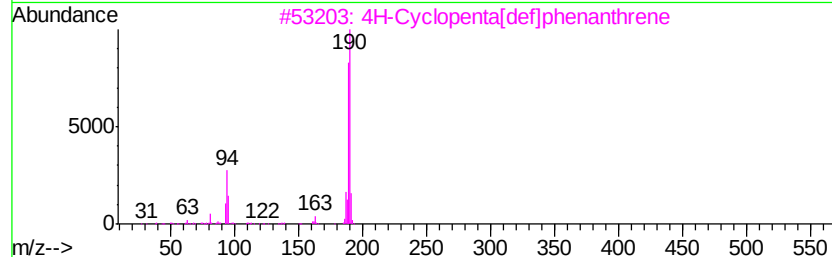
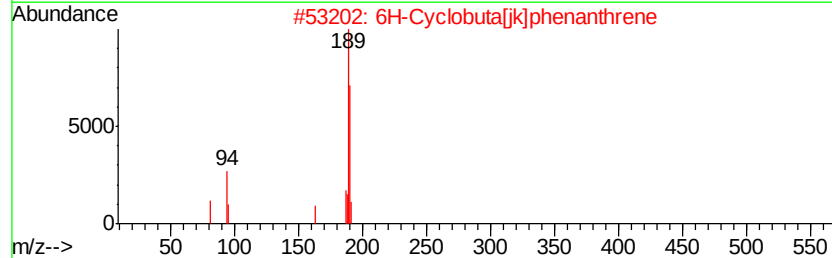
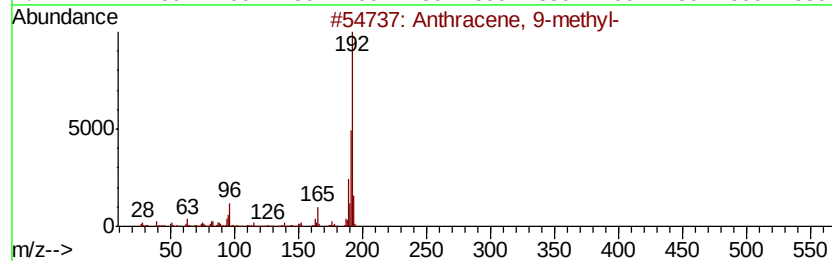
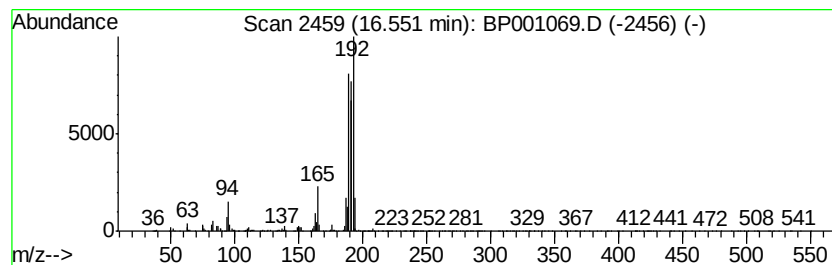
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.88 ng	535487	Phenanthrene-d10	15.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001069.D
Acq On : 19 Nov 2019 00:41
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Misc :
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Instrument :
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ClientSampleId :
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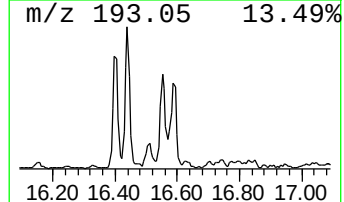
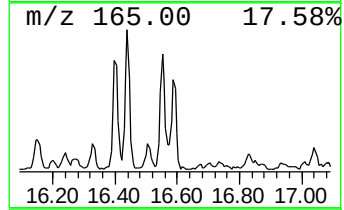
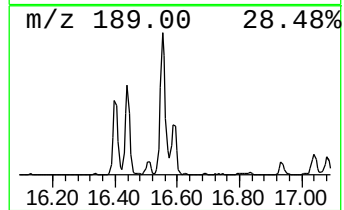
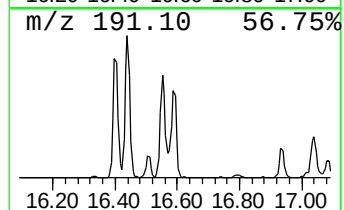
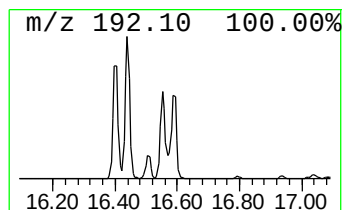
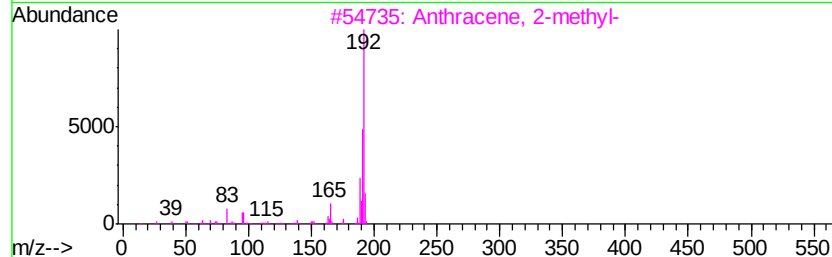
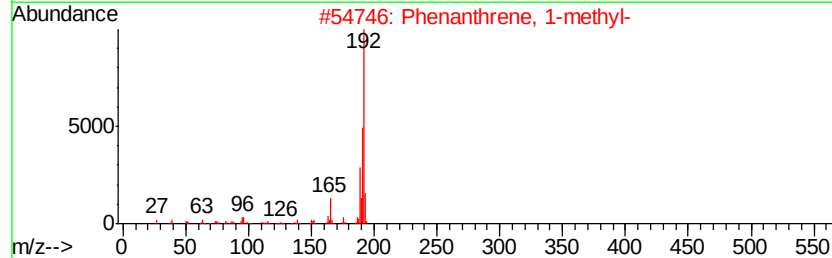
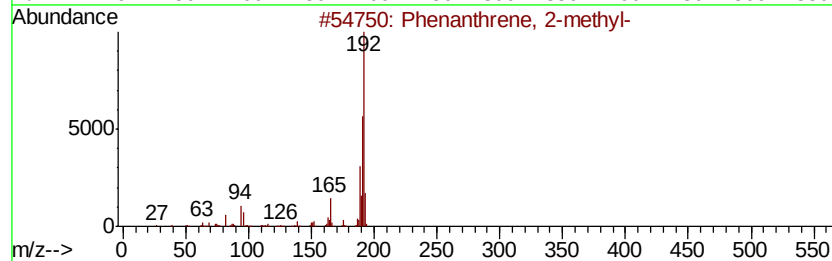
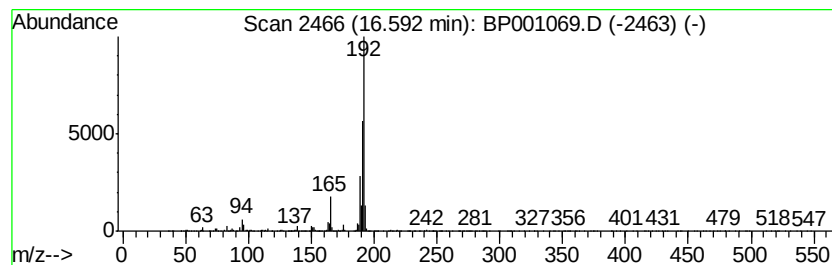
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.55 ng	280039	Phenanthrene-d10	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001069.D
Acq On : 19 Nov 2019 00:41
Operator : JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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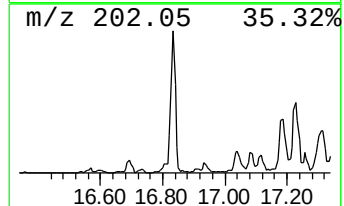
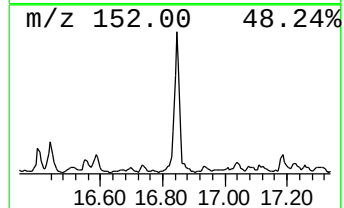
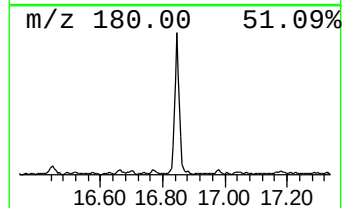
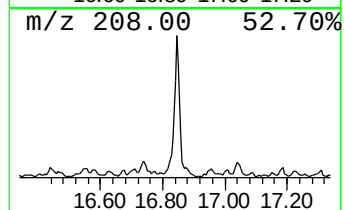
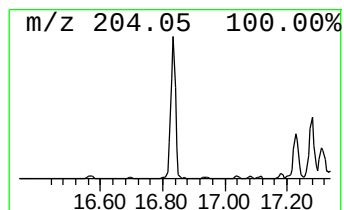
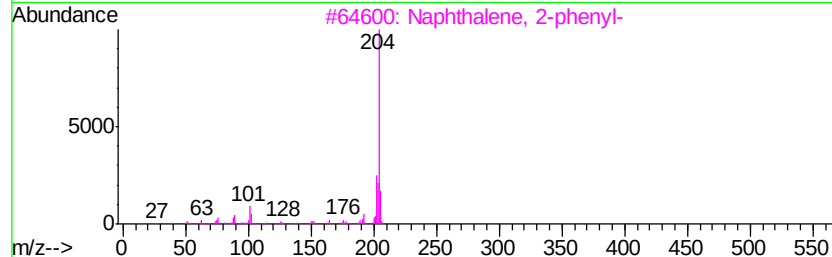
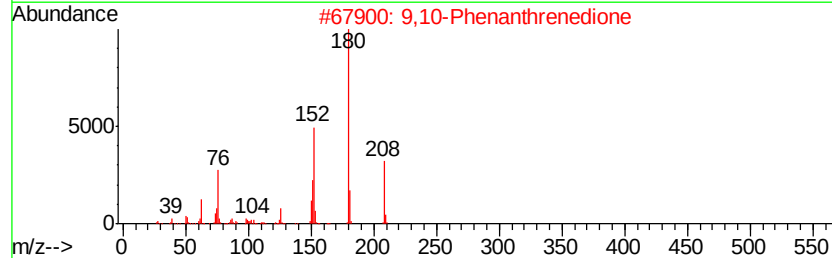
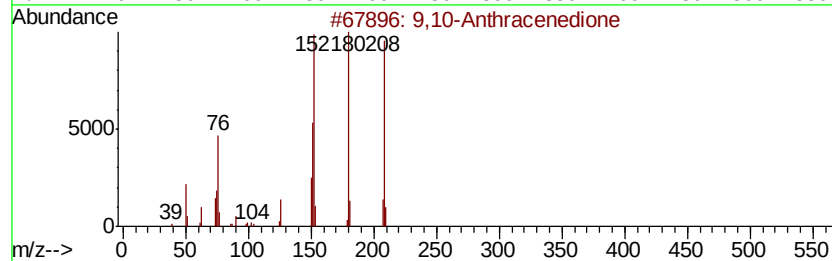
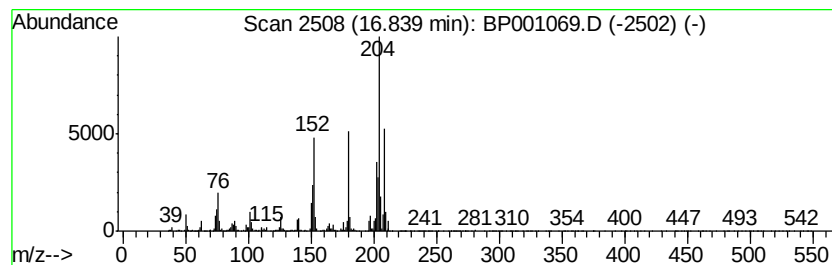
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.77 ng	303965	Phenanthrene-d10	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	41
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	35
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
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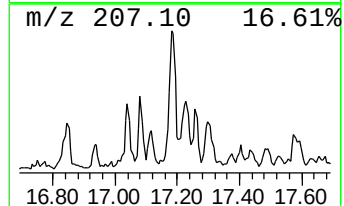
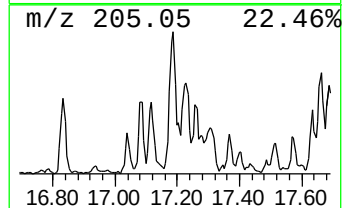
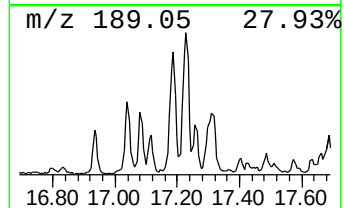
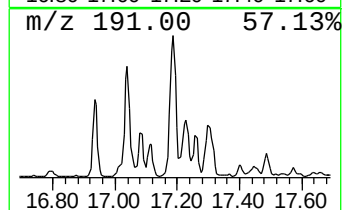
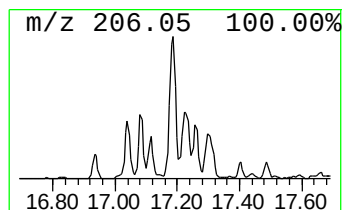
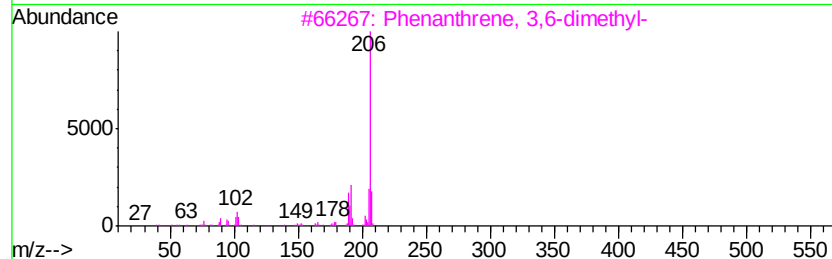
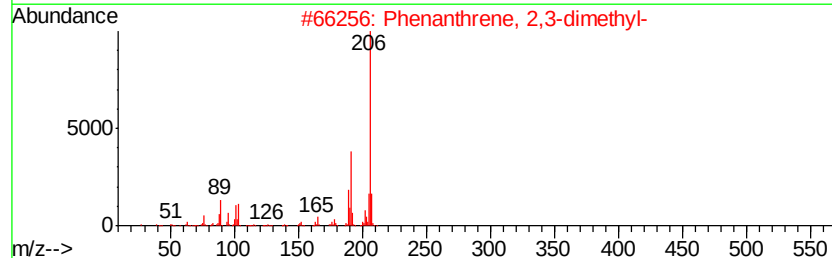
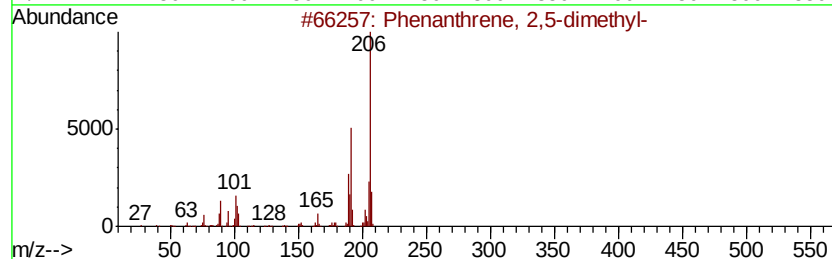
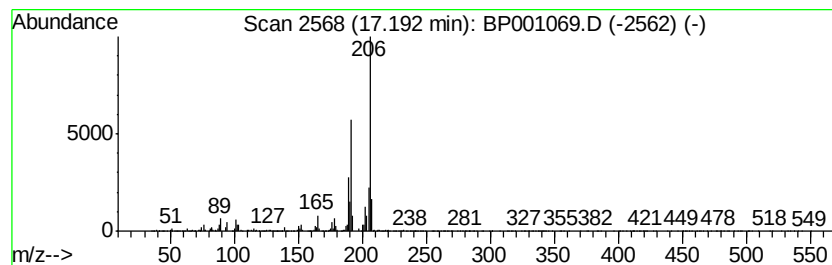
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	2.39 ng	262259	Phenanthrene-d10	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
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Acq On : 19 Nov 2019 00:41
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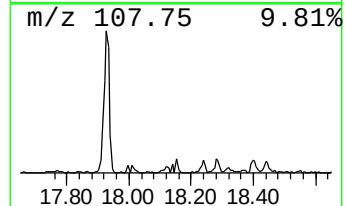
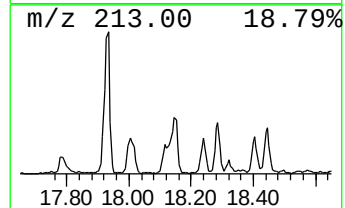
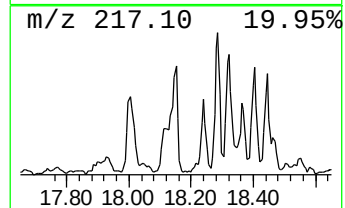
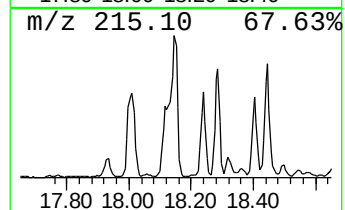
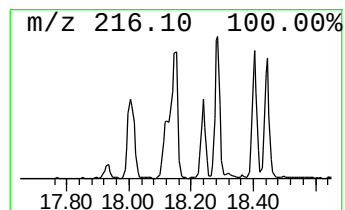
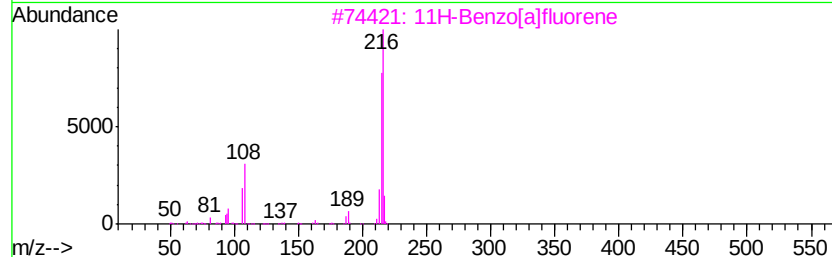
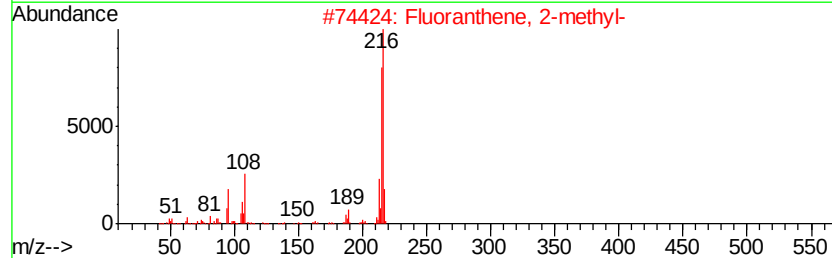
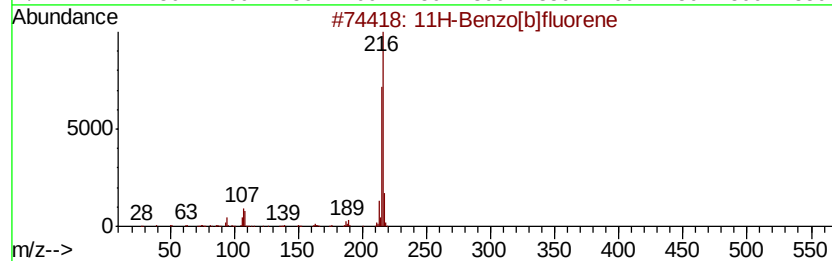
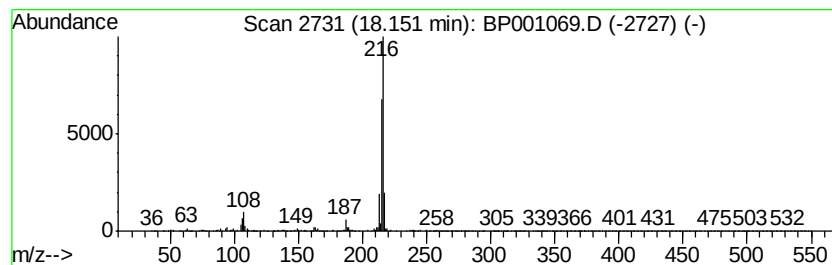
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.02 ng	273990	Chrysene-d12	19.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	78



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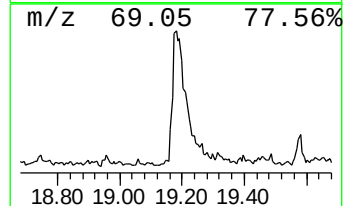
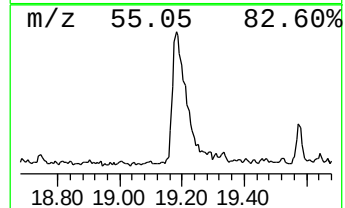
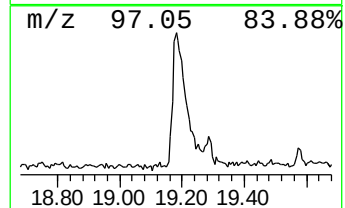
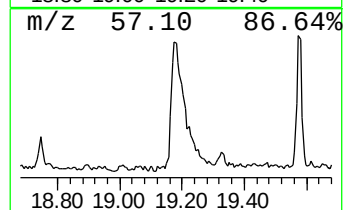
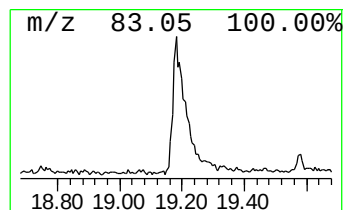
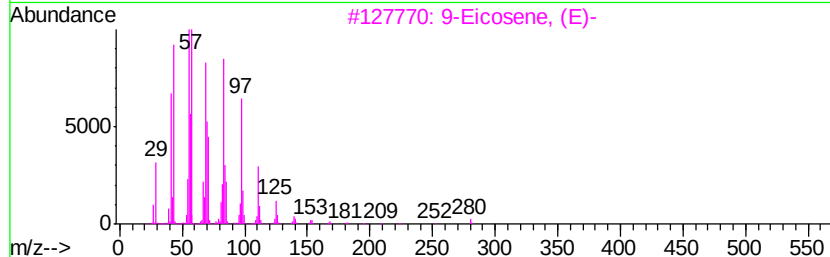
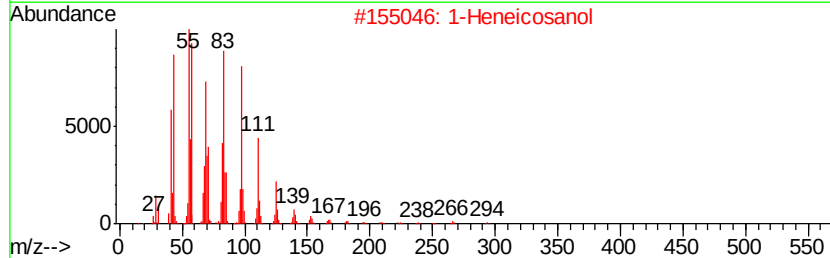
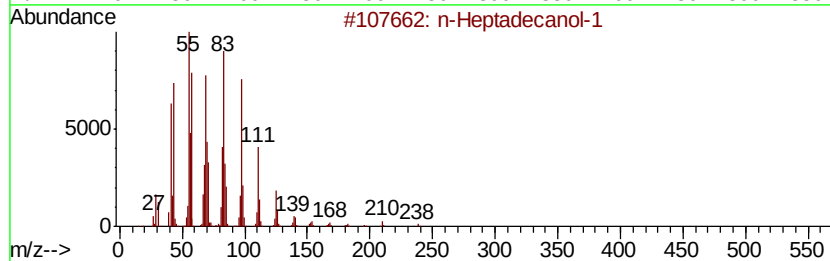
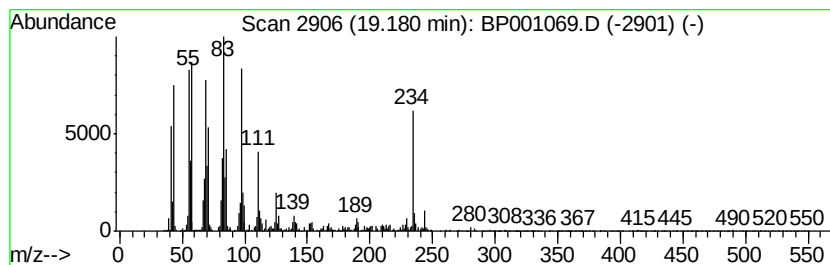
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Heptadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.18	2.58 ng	349278	Chrysene-d12	19.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111819\
Data File : BP001069.D
Acq On : 19 Nov 2019 00:41
Operator : JU
Sample : K5865-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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
Butane, 2-methoxy...	2.31	10.0	ng	524945	1	8.36	1046550	20.0
2-Pentanone, 4-hy...	5.72	10.9	ng	572520	1	8.36	1046550	20.0
unknown8.00	8.00	63.4	ng	3317400	1	8.36	1046550	20.0
Phenanthrene, 1-m...	16.40	3.7	ng	409635	4	15.65	2193640	20.0
Phenanthrene, 2-m...	16.44	4.2	ng	464847	4	15.65	2193640	20.0
Anthracene, 9-met...	16.55	4.9	ng	535487	4	15.65	2193640	20.0
Anthracene, 2-met...	16.59	2.5	ng	280039	4	15.65	2193640	20.0
9,10-Anthracenedione	16.84	2.8	ng	303965	4	15.65	2193640	20.0
Phenanthrene, 2,5...	17.19	2.4	ng	262259	4	15.65	2193640	20.0
11H-Benzo[b]fluorene	18.15	2.0	ng	273990	5	19.29	2707220	20.0
n-Heptadecanol-1	19.18	2.6	ng	349278	5	19.29	2707220	20.0