

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047984.D
 Acq On : 22 Jan 2021 19:00
 Operator : CG/JU
 Sample : M1177-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PILE-1-(0.5-1.0)

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_G\METHODS\8270-BG012121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.230	316	322	329	rVB3	18150	30952	1.06%	0.119%
2	5.695	392	401	410	rBV	798390	1250876	42.73%	4.796%
3	7.287	663	672	682	rBV	818696	1408479	48.12%	5.400%
4	7.722	739	746	751	rBV2	18438	29744	1.02%	0.114%
5	8.139	810	817	824	rBV	190675	320786	10.96%	1.230%
6	9.302	1007	1015	1023	rBV	496648	876863	29.96%	3.362%
7	10.953	1288	1296	1303	rBV	245430	452169	15.45%	1.734%
8	13.392	1704	1711	1718	rBV	1241550	1898840	64.87%	7.280%
9	14.202	1844	1849	1855	rBV2	40589	68349	2.33%	0.262%
10	14.490	1891	1898	1902	rBV	31635	52524	1.79%	0.201%
11	14.766	1935	1945	1951	rBV	411540	671112	22.93%	2.573%
12	15.154	2005	2011	2016	rBV5	19492	30391	1.04%	0.117%
13	15.377	2041	2049	2053	rBV6	14602	32000	1.09%	0.123%
14	15.554	2069	2079	2085	rBV6	16421	44863	1.53%	0.172%
15	16.247	2188	2197	2206	rBV	1135472	1740065	59.45%	6.671%
16	16.470	2232	2235	2243	rVB7	19310	38587	1.32%	0.148%
17	16.811	2284	2293	2297	rBV7	18745	45458	1.55%	0.174%
18	17.152	2346	2351	2359	rVB4	17884	31992	1.09%	0.123%
19	17.322	2376	2380	2387	rVB	22183	35998	1.23%	0.138%
20	17.504	2405	2411	2415	rBV	571140	871899	29.79%	3.343%
21	17.545	2415	2418	2427	rVV	260071	394570	13.48%	1.513%
22	17.639	2429	2434	2437	rVV2	18848	34696	1.19%	0.133%
23	17.692	2439	2443	2448	rVB5	17303	34247	1.17%	0.131%
24	17.810	2460	2463	2469	rVB8	17988	32366	1.11%	0.124%
25	18.086	2506	2510	2514	rVB	33307	45121	1.54%	0.173%
26	18.327	2548	2551	2556	rVB2	53666	74086	2.53%	0.284%
27	18.392	2556	2562	2565	rBV2	578970	848617	28.99%	3.253%
28	18.427	2565	2568	2575	rVB	172517	271445	9.27%	1.041%
29	18.568	2586	2592	2596	rBV2	152228	263535	9.00%	1.010%
30	18.609	2596	2599	2604	rVB	120945	165244	5.65%	0.634%
31	18.685	2608	2612	2616	rBV6	33609	47892	1.64%	0.184%
32	18.873	2639	2644	2647	rBV2	64649	100738	3.44%	0.386%
33	18.909	2647	2650	2658	rVB3	74302	124048	4.24%	0.476%
34	19.091	2677	2681	2682	rBV4	26994	32882	1.12%	0.126%
35	19.114	2682	2685	2688	rVV2	56999	79581	2.72%	0.305%
36	19.161	2688	2693	2697	rVV2	212867	298113	10.18%	1.143%

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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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37	19.202	2697	2700	2704	rVB	41303	60936	2.08%	0.234%
38	19.243	2704	2707	2710	rBV	49705	64271	2.20%	0.246%
39	19.285	2710	2714	2719	rVV	161624	270893	9.25%	1.039%
40	19.343	2719	2724	2727	rVV3	63075	130289	4.45%	0.500%
41	19.379	2728	2730	2734	rVB	57953	59759	2.04%	0.229%
42	19.426	2734	2738	2745	rBV4	76910	164597	5.62%	0.631%
43	19.549	2754	2759	2765	rVB	440913	620646	21.20%	2.379%
44	19.608	2765	2769	2772	rBV2	30574	45007	1.54%	0.173%
45	19.655	2772	2777	2781	rBV3	300781	392466	13.41%	1.505%
46	19.690	2781	2783	2787	rVB2	28182	35087	1.20%	0.135%
47	19.737	2788	2791	2796	rVB5	39426	53332	1.82%	0.204%
48	19.790	2796	2800	2803	rBV2	82002	119967	4.10%	0.460%
49	19.907	2811	2820	2828	rVB	496451	842372	28.78%	3.229%
50	19.984	2829	2833	2836	rVV2	65412	94678	3.23%	0.363%
51	20.013	2836	2838	2843	rVB2	48752	55922	1.91%	0.214%
52	20.107	2849	2854	2859	rBV	2284236	2927184	100.00%	11.222%
53	20.225	2869	2874	2876	rBV3	86479	131417	4.49%	0.504%
54	20.313	2886	2889	2893	rBV3	49488	75740	2.59%	0.290%
55	20.395	2894	2903	2909	rVB2	129430	351761	12.02%	1.349%
56	20.501	2918	2921	2924	rBV2	36929	42828	1.46%	0.164%
57	20.560	2927	2931	2935	rVB	118270	151603	5.18%	0.581%
58	20.695	2950	2954	2957	rBV	117461	143154	4.89%	0.549%
59	20.742	2959	2962	2966	rVB	99241	114919	3.93%	0.441%
60	21.012	3005	3008	3013	rVB	154239	191384	6.54%	0.734%
61	21.165	3031	3034	3042	rVB2	75681	133312	4.55%	0.511%
62	21.329	3058	3062	3064	rBV2	45755	74720	2.55%	0.286%
63	21.417	3071	3077	3086	rBV3	317321	513688	17.55%	1.969%
64	21.782	3131	3139	3144	rBV2	671450	1458942	49.84%	5.593%
65	21.829	3144	3147	3155	rVB	215457	377853	12.91%	1.449%
66	21.993	3172	3175	3180	rVB7	38766	48257	1.65%	0.185%
67	22.528	3264	3266	3272	rVB	72346	121528	4.15%	0.466%
68	22.634	3275	3284	3290	rBV4	112840	318053	10.87%	1.219%
69	22.810	3311	3314	3319	rBV2	36112	57015	1.95%	0.219%
70	23.697	3460	3465	3471	rVB3	110119	214941	7.34%	0.824%
71	24.038	3516	3523	3531	rBV	104829	342872	11.71%	1.314%
72	24.173	3541	3546	3551	rBV2	94640	192843	6.59%	0.739%
73	24.232	3551	3556	3563	rVB2	187220	399922	13.66%	1.533%
74	24.778	3643	3649	3659	rVB2	87439	228776	7.82%	0.877%
75	24.925	3666	3674	3682	rVB	113613	322003	11.00%	1.234%
76	25.084	3692	3701	3710	rBV2	337749	977167	33.38%	3.746%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	26.341	3910	3915	3923	rVB3	80924	226825	7.75%	0.870%
78	26.453	3927	3934	3935	rBV5	85054	155817	5.32%	0.597%

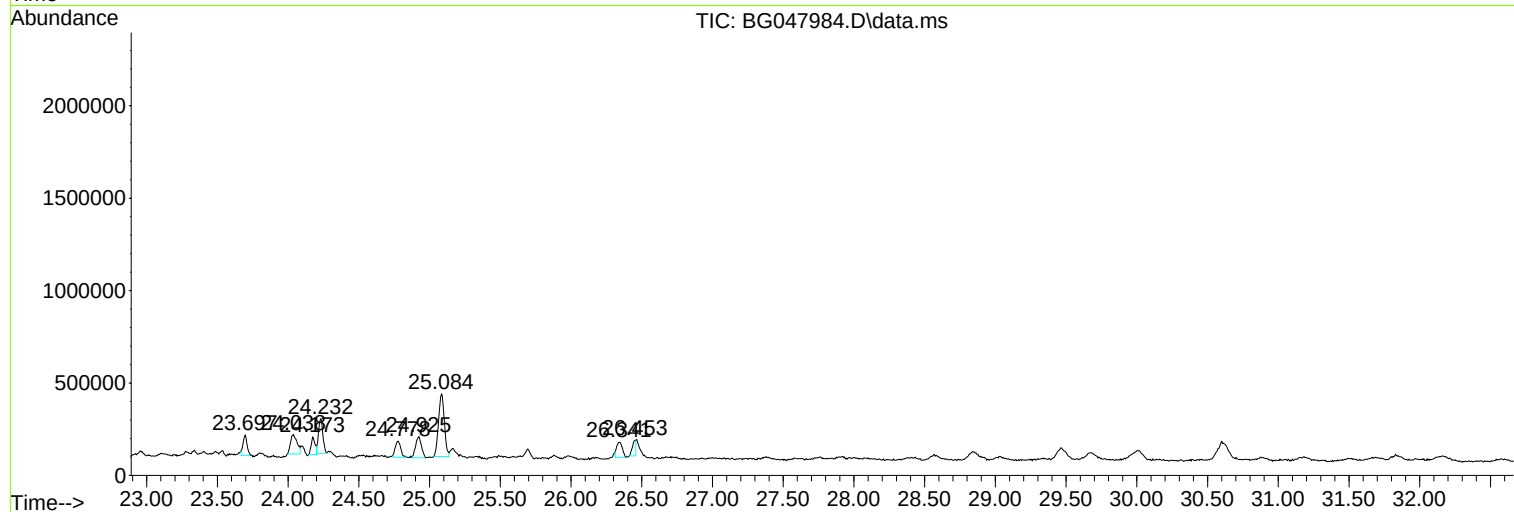
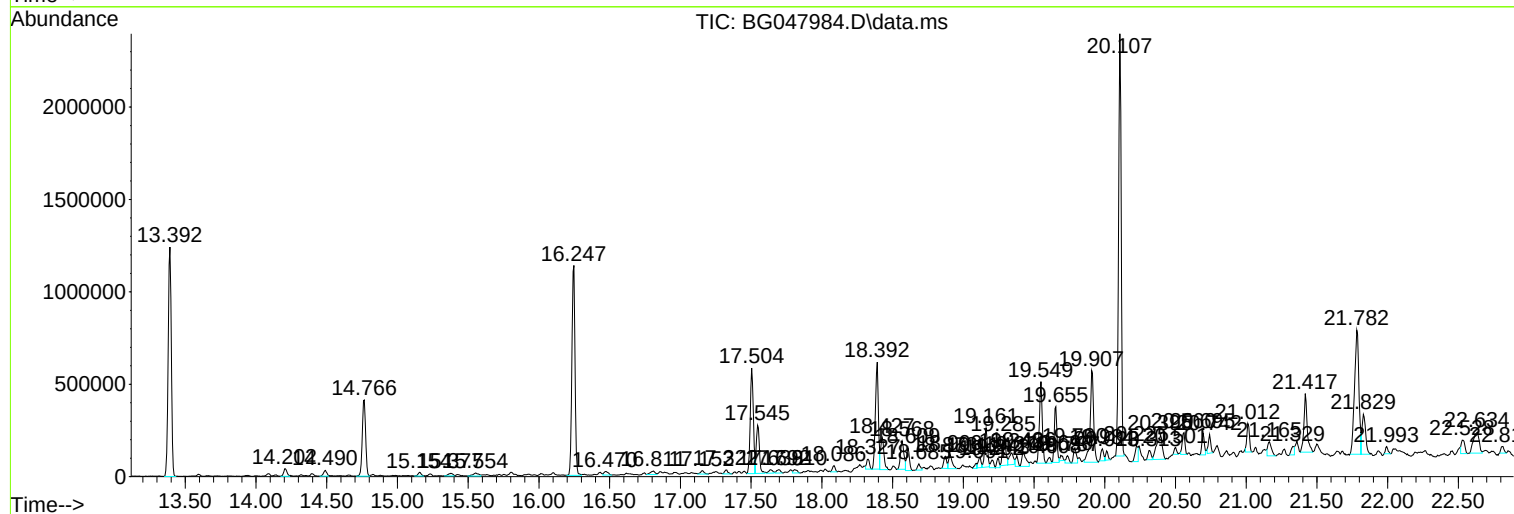
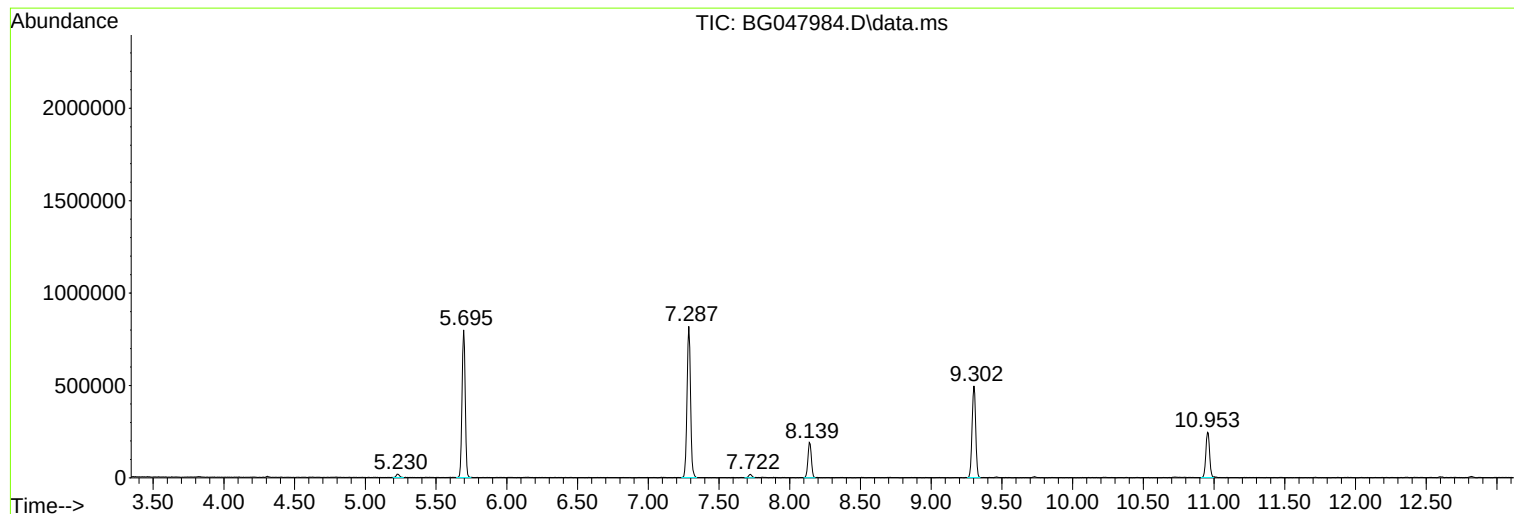
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : M1177-01
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Instrument :
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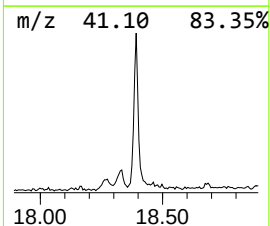
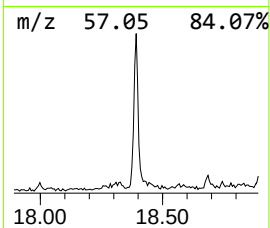
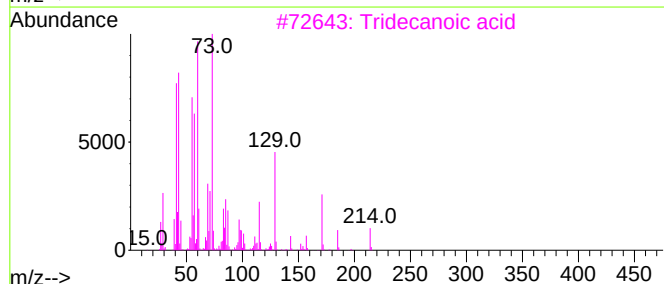
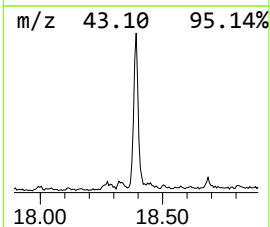
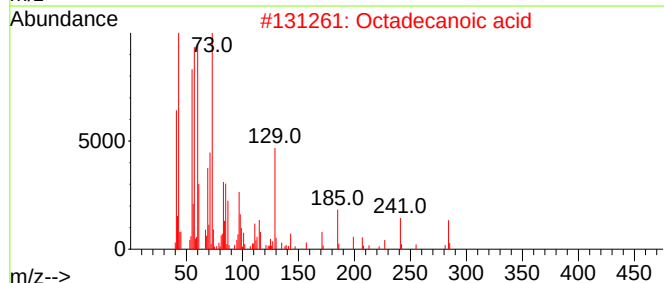
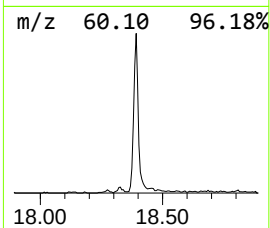
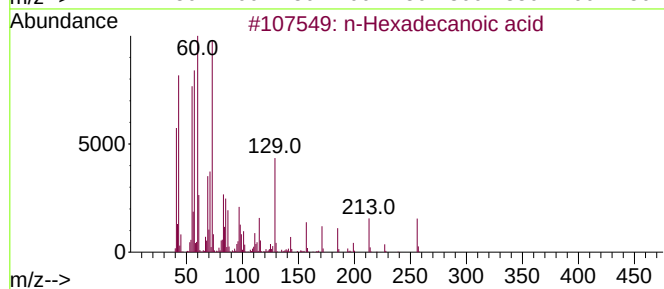
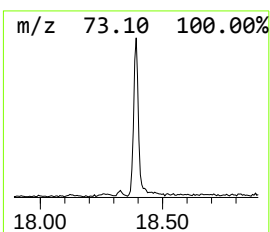
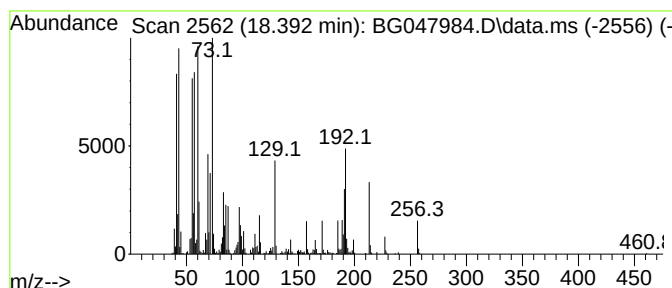
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	19.47 ng	848617	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	92
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



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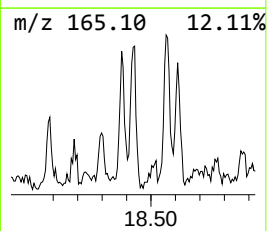
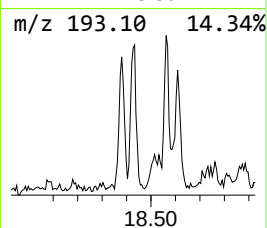
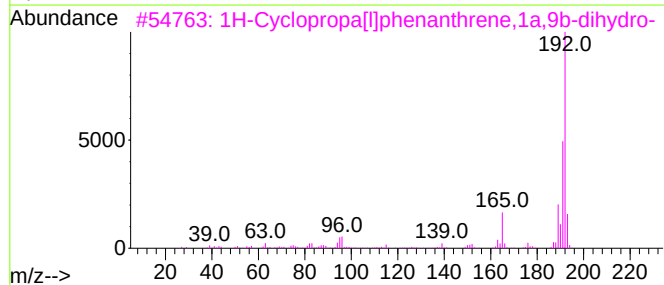
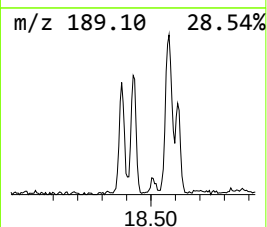
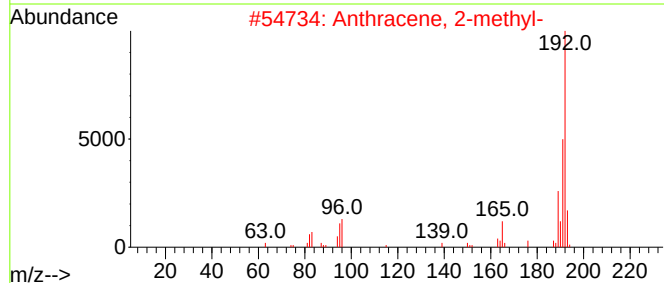
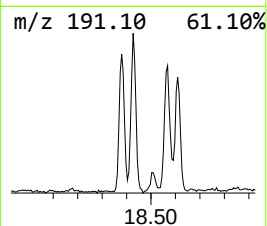
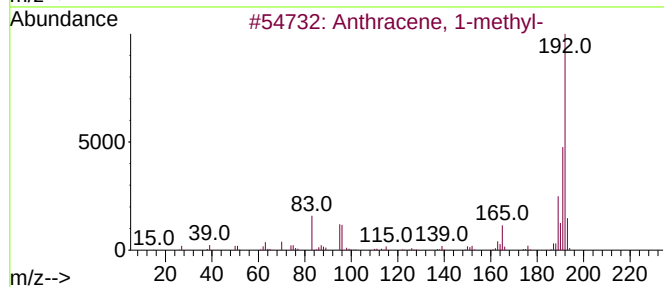
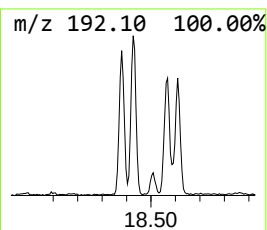
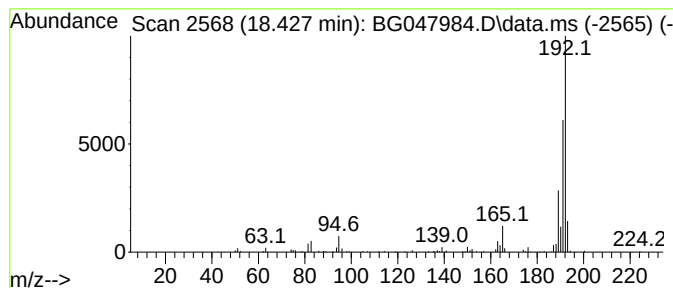
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	6.23 ng	271445	Phenanthrene-d10	17.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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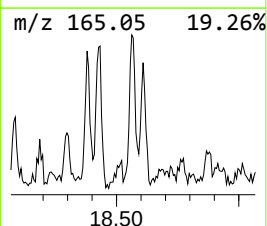
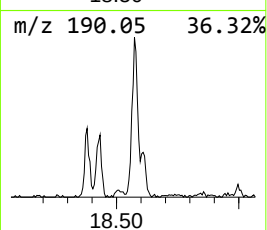
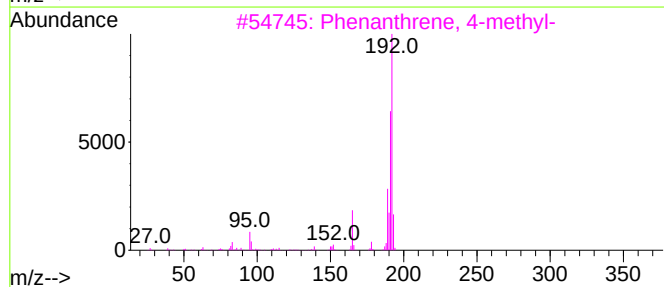
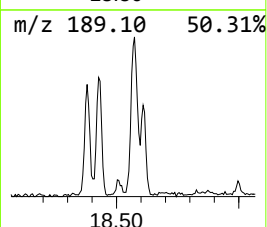
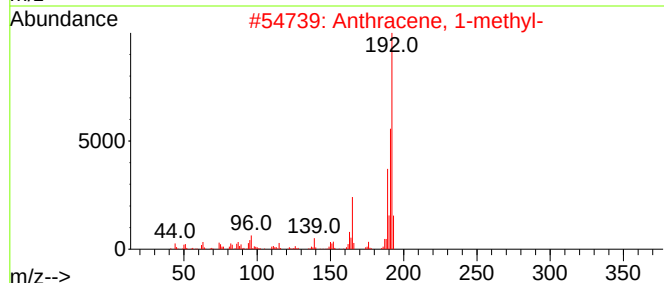
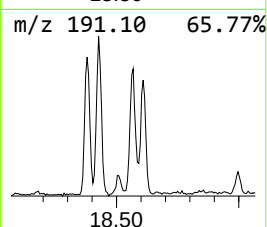
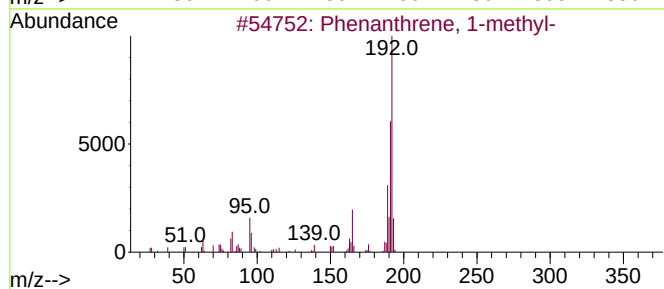
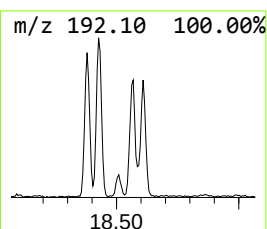
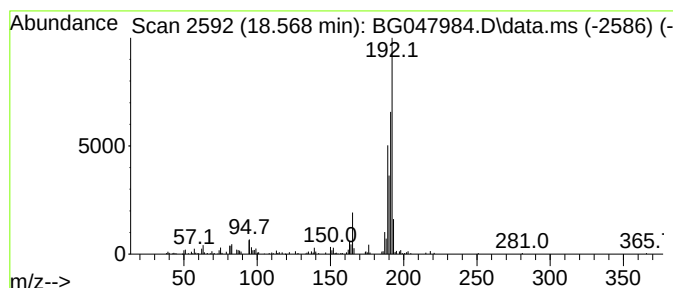
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.568	6.05 ng	263535	Phenanthrene-d10	17.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70



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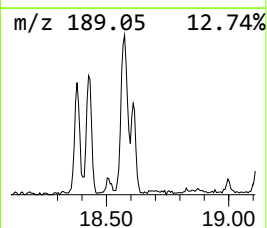
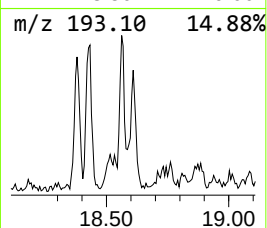
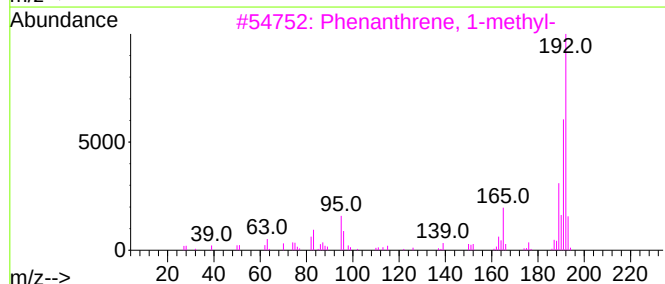
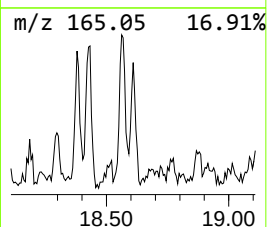
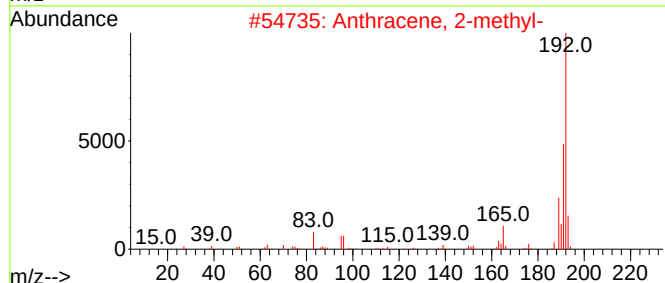
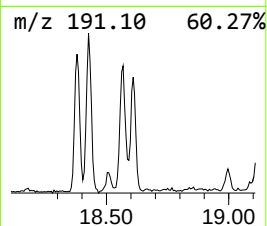
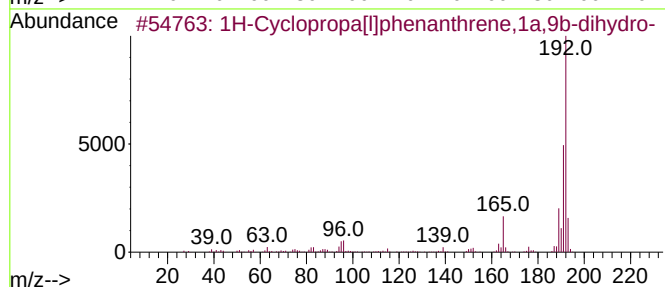
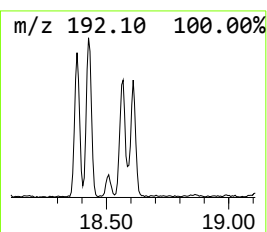
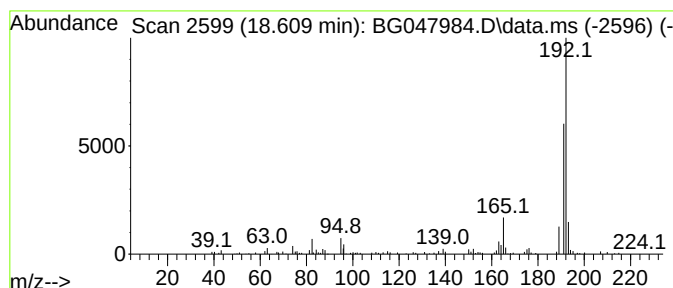
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.609	3.79 ng	165244	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

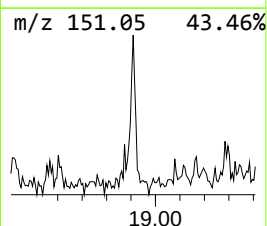
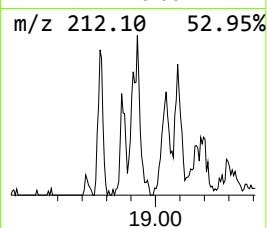
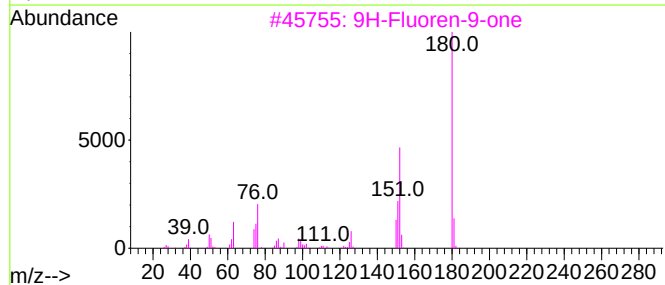
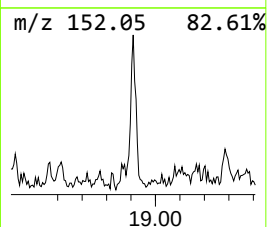
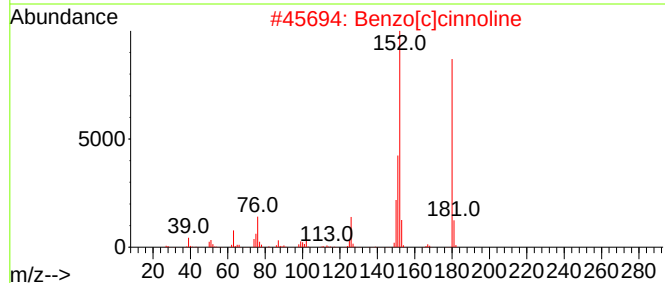
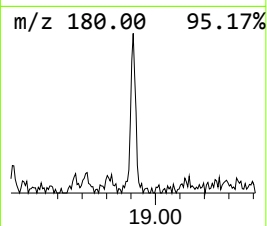
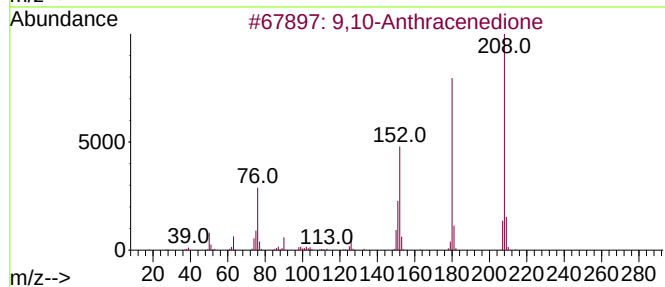
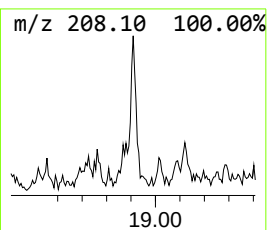
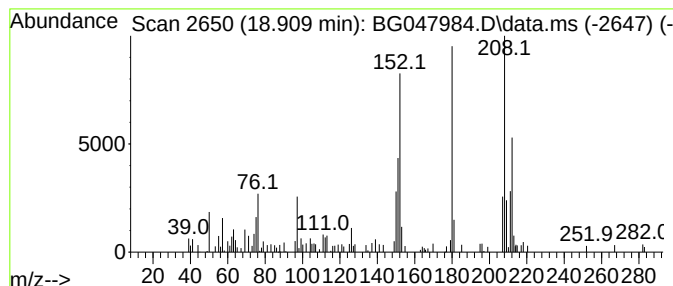
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.909	2.85 ng	124048	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
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Instrument :
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ClientSampleId :
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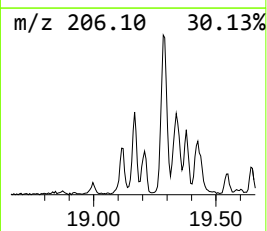
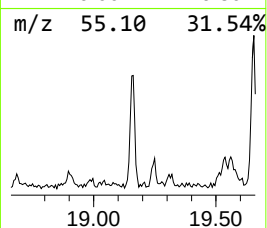
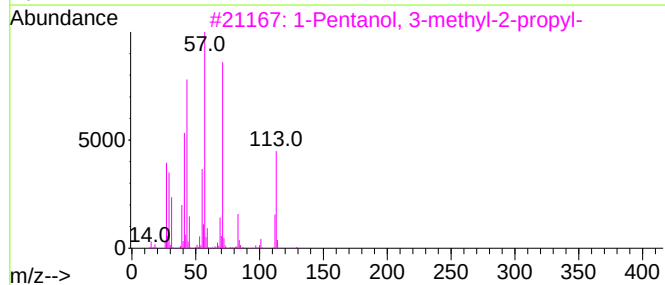
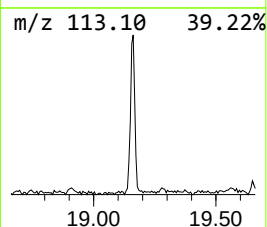
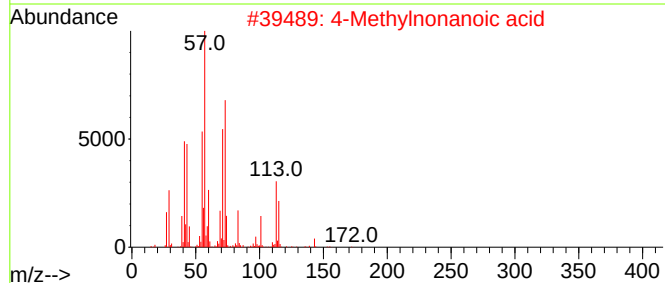
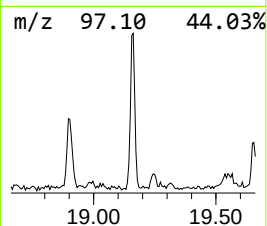
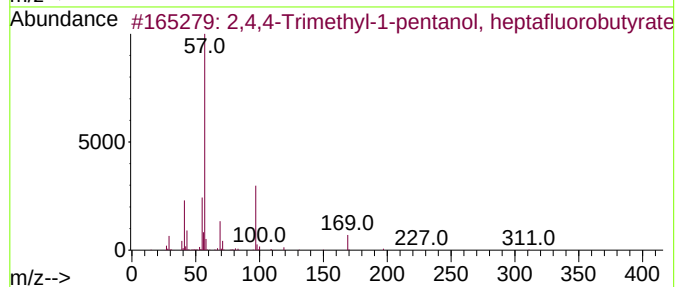
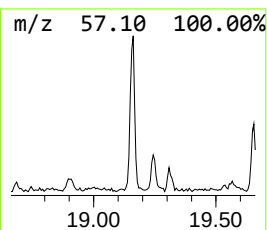
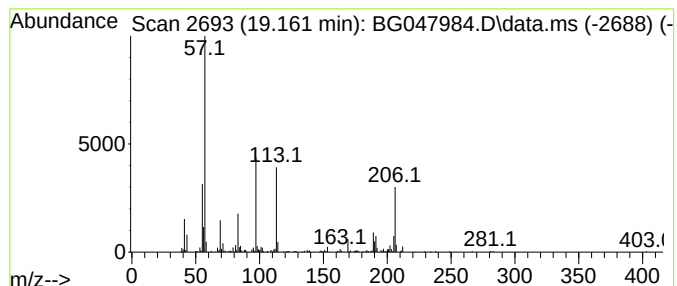
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown19.161 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.161	6.84 ng	298113	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	27		
2	4-Methylnonanoic acid	172	C10H20O2	045019-28-1	17		
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	16		
4	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	16		
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	16		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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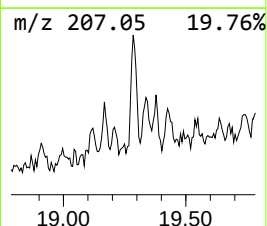
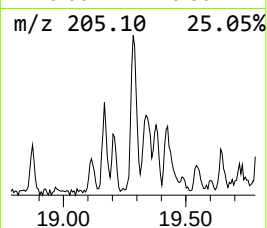
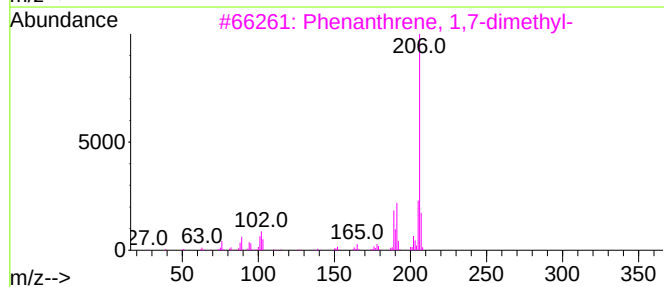
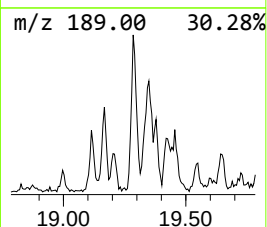
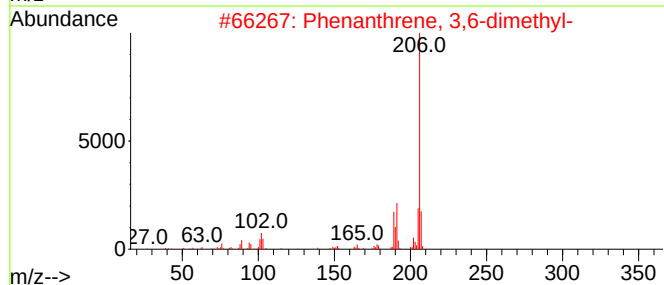
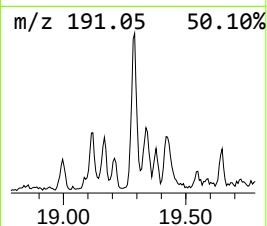
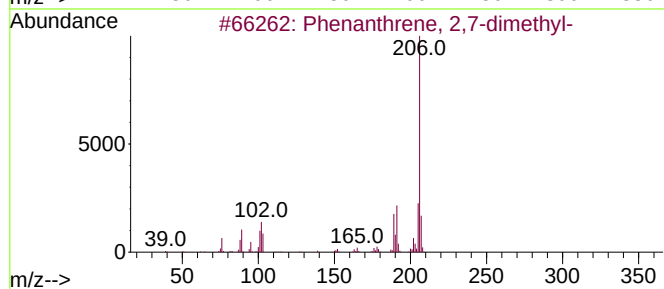
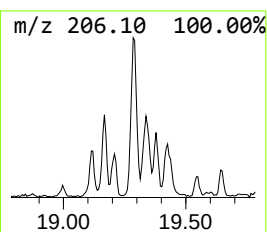
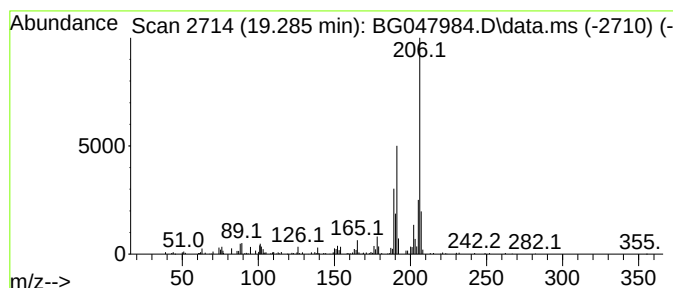
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.285	6.21 ng	270893	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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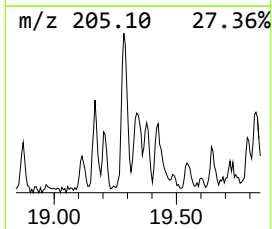
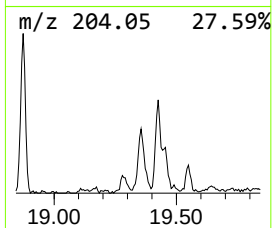
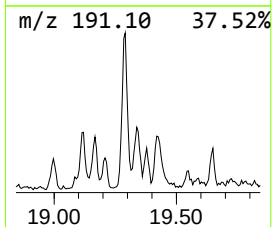
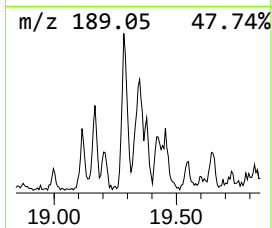
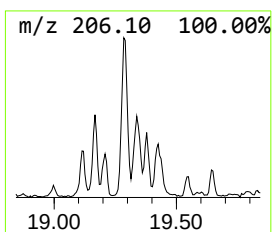
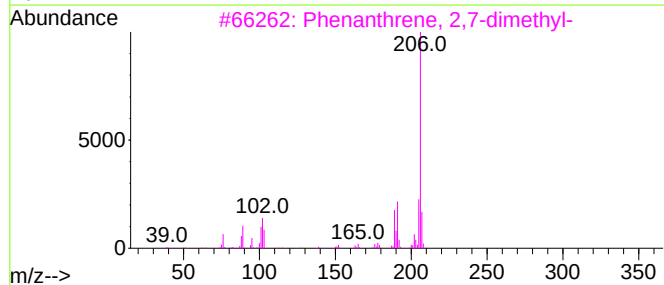
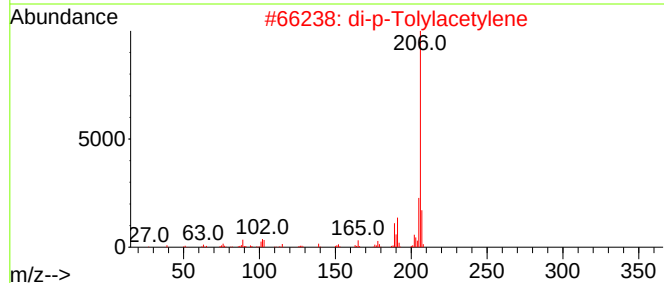
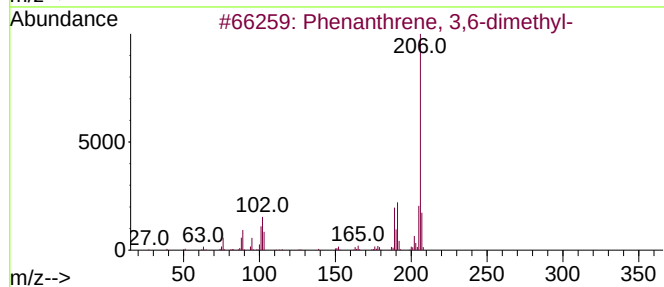
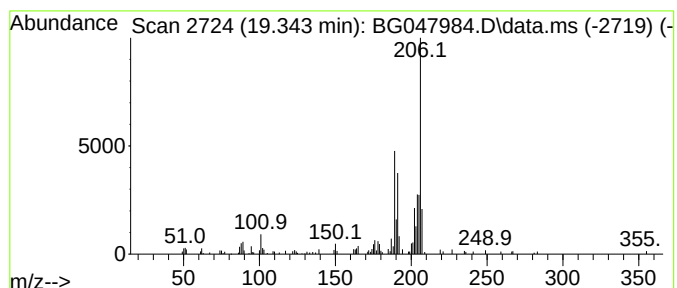
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.343	2.99 ng	130289	Phenanthrene-d10	17.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	81
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	62
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
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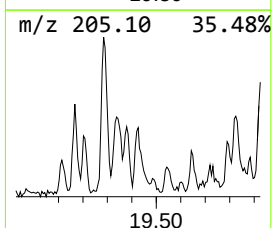
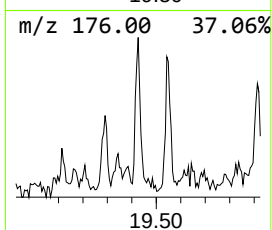
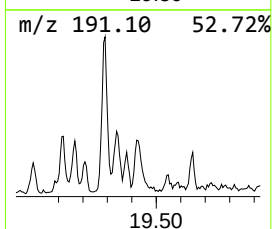
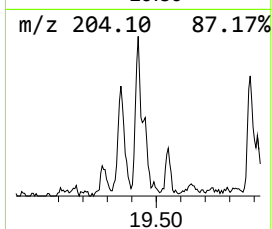
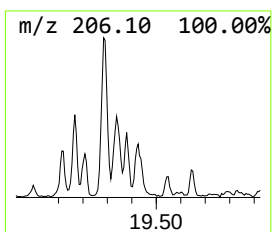
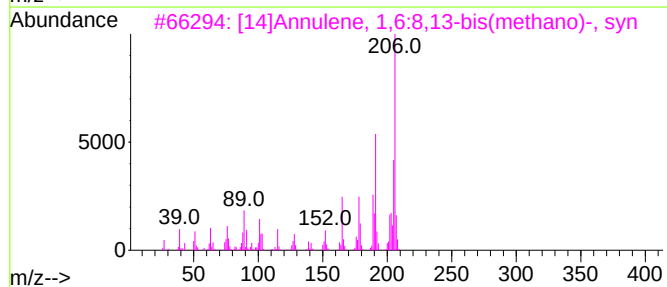
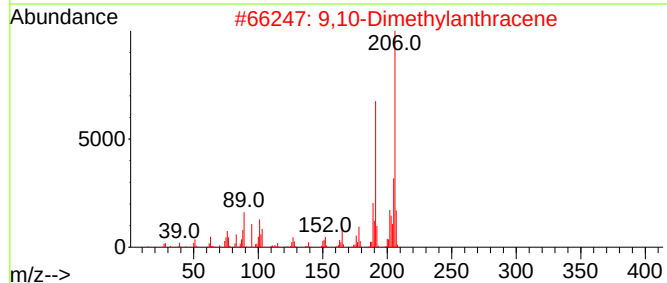
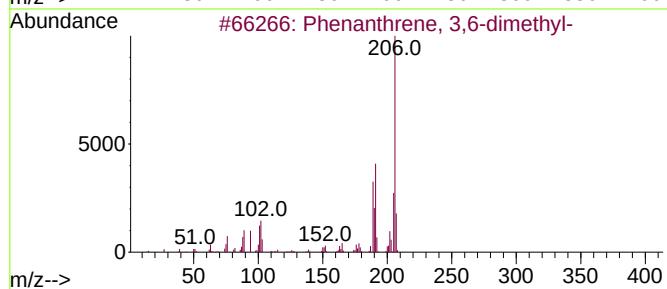
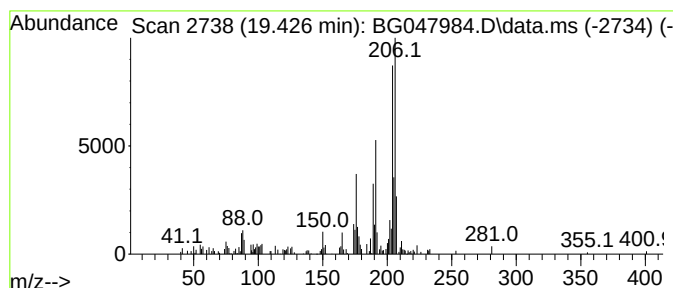
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.426	3.78 ng	164597	Phenanthrene-d10	17.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	60
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
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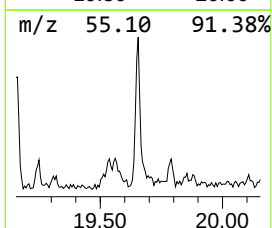
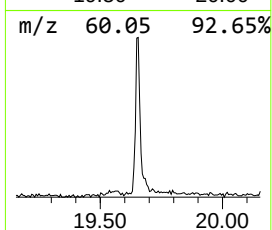
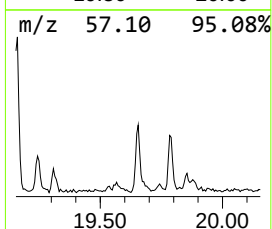
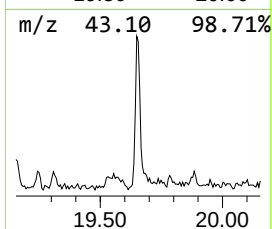
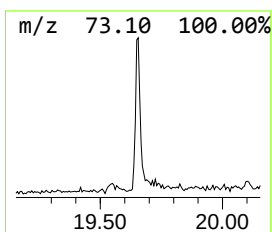
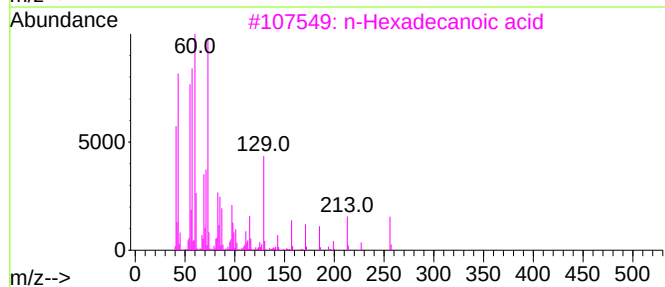
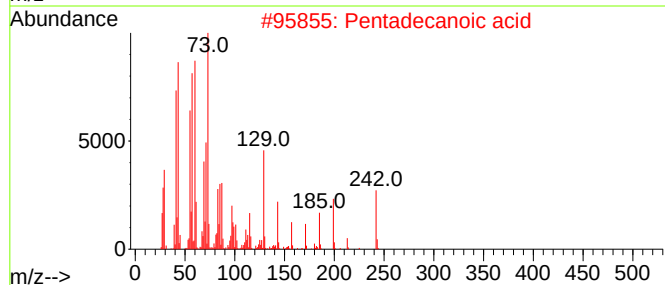
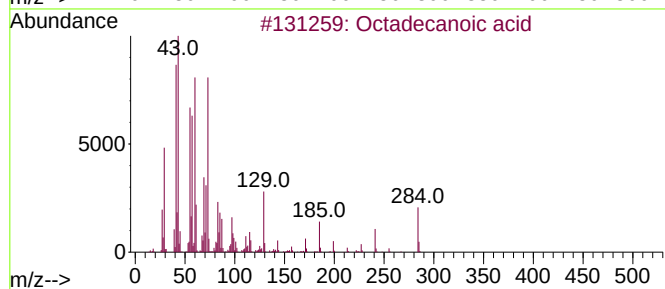
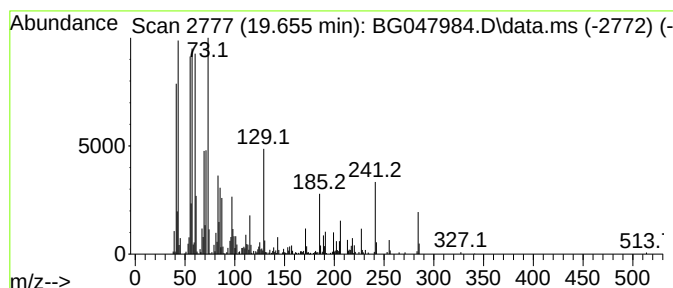
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.655	5.38 ng	392466	Chrysene-d12	21.788

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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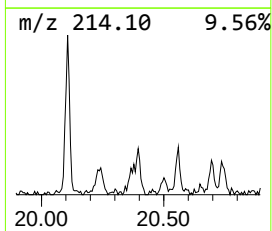
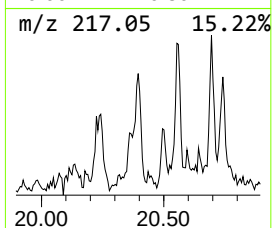
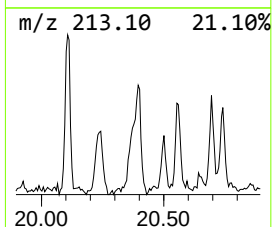
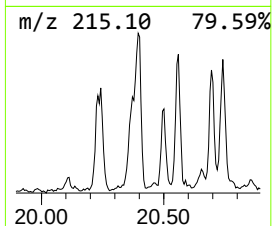
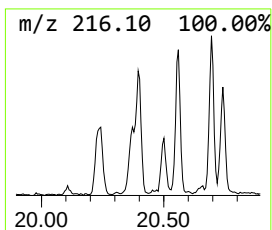
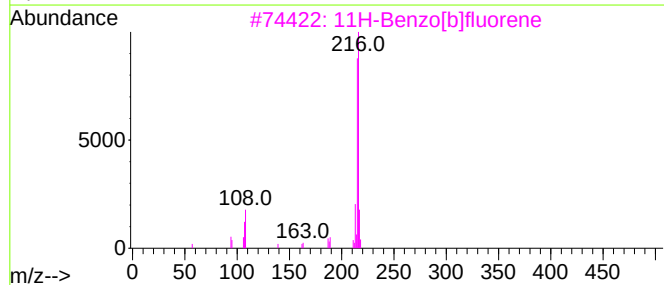
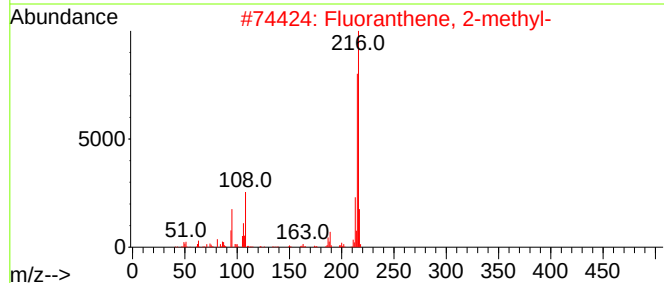
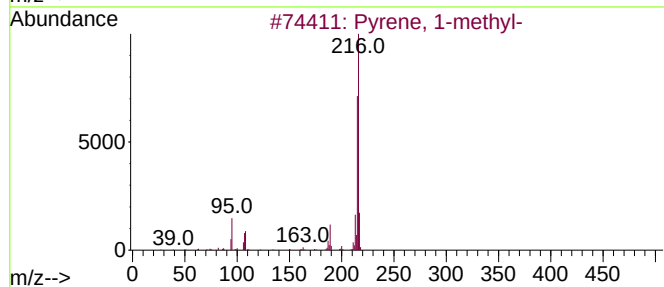
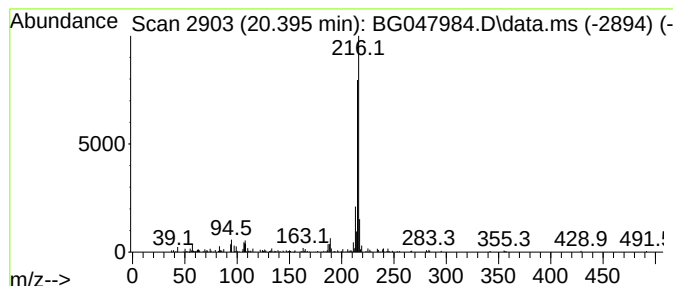
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.395	4.82 ng	351761	Chrysene-d12	21.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

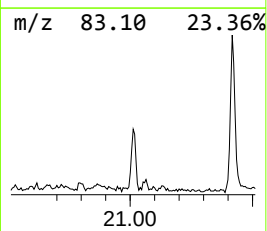
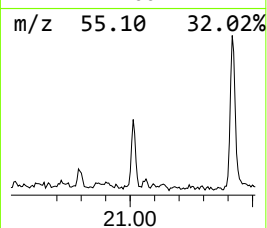
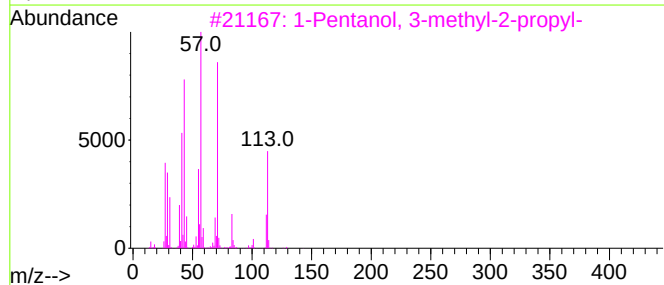
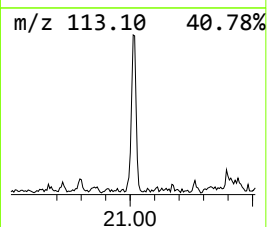
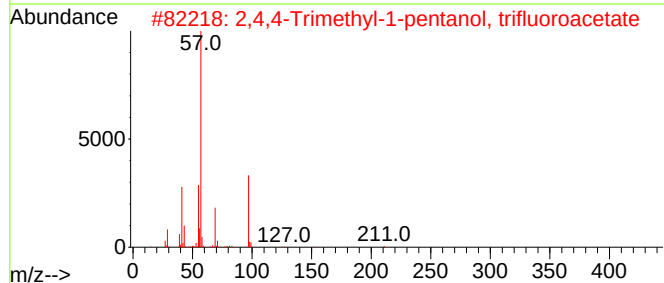
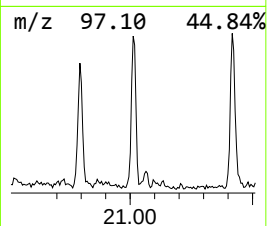
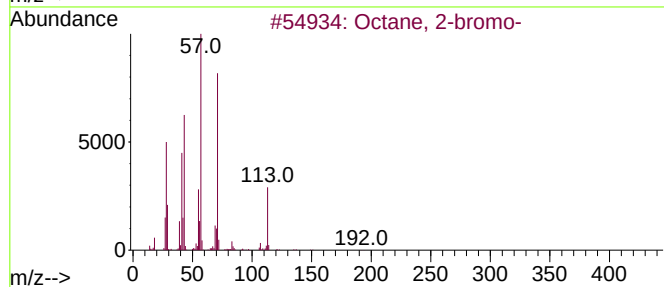
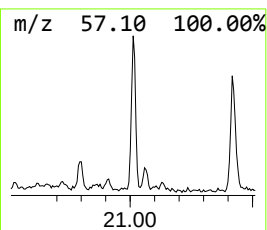
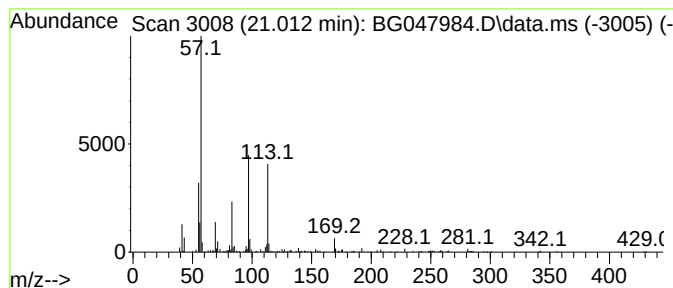
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown21.012 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.012	2.62 ng	191384	Chrysene-d12	21.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-		192	C8H17Br		000557-35-7	38
2	2,4,4-Trimethyl-1-pentanol, trif...		226	C10H17F3O2		1000365-19-5	27
3	1-Pentanol, 3-methyl-2-propyl-		144	C9H20O		054004-40-9	25
4	Cyclohexane, 1,1'-[1,2-bis(1,1-d...		306	C22H42		065149-85-1	25
5	2,4,4-Trimethyl-1-pentanol, pent...		276	C11H17F5O2		1000365-51-0	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PILE-1-(0.5-1.0)

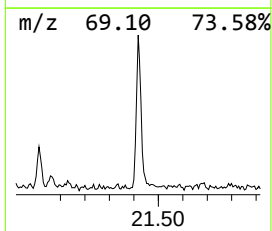
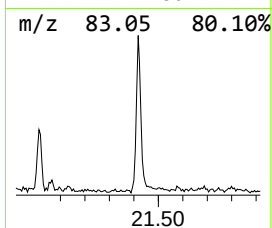
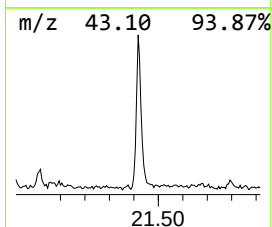
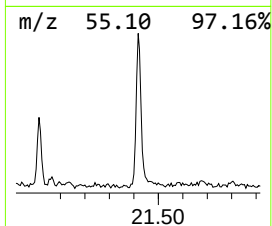
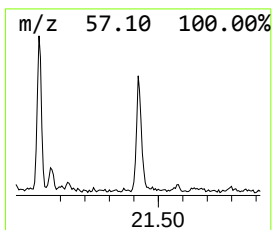
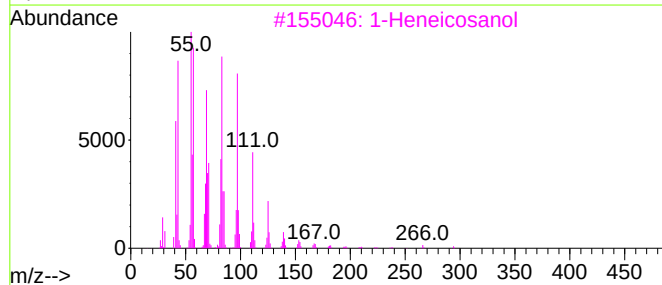
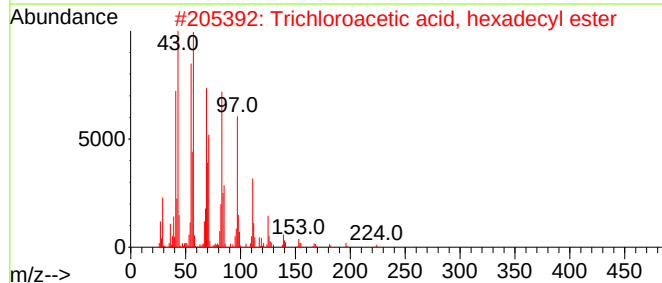
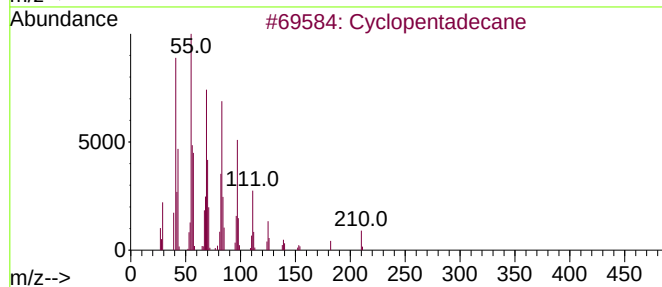
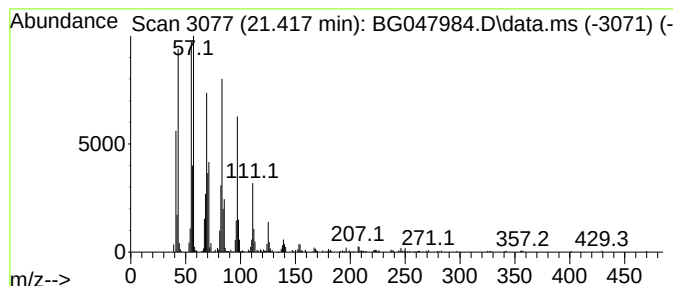
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.417	7.04 ng	513688	Chrysene-d12	21.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	96
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	94
4			1-Nonadecene	266	C19H38	018435-45-5	93
5			Cyclotetracosane	336	C24H48	000297-03-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
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Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

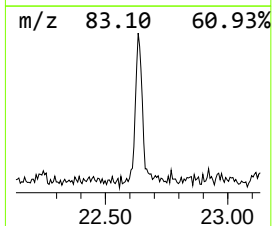
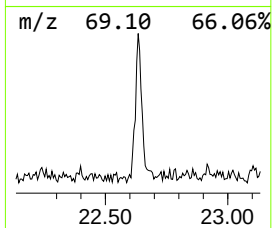
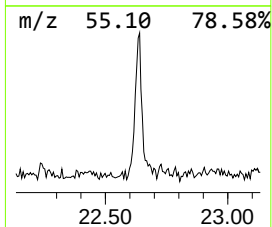
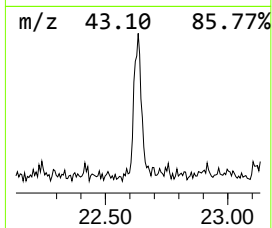
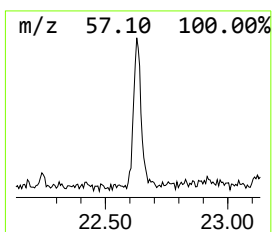
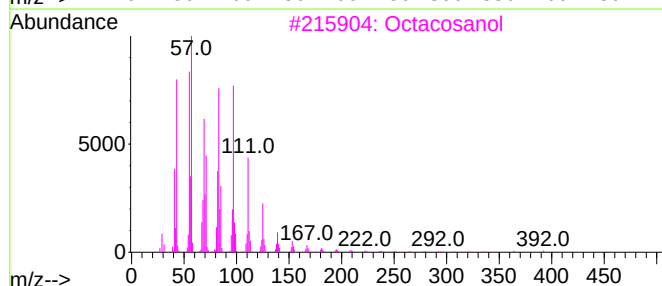
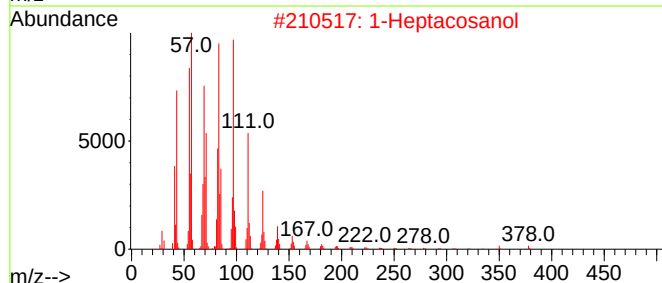
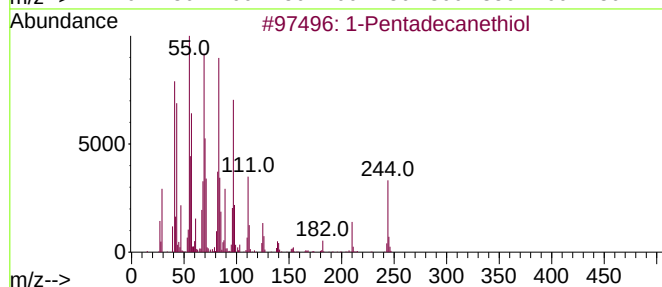
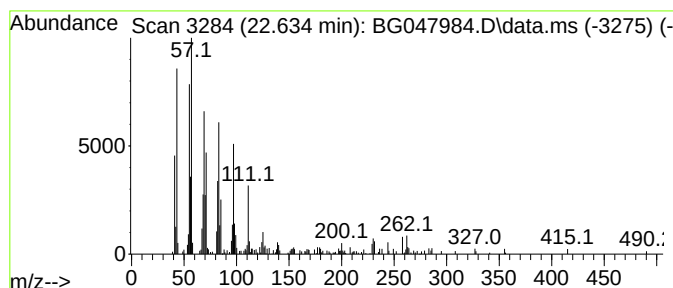
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Pentadecanethiol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.634	4.36 ng	318053	Chrysene-d12	21.788	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	89
2	1-Heptacosanol	396	C27H56O	002004-39-9	87
3	Octacosanol	410	C28H58O	000557-61-9	87
4	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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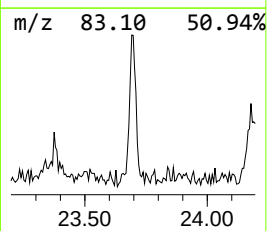
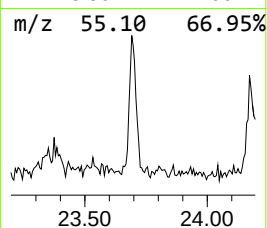
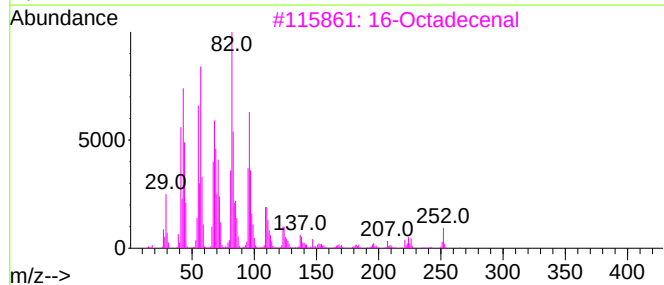
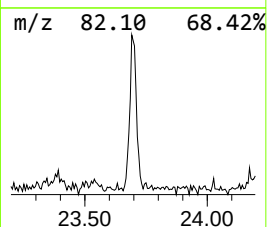
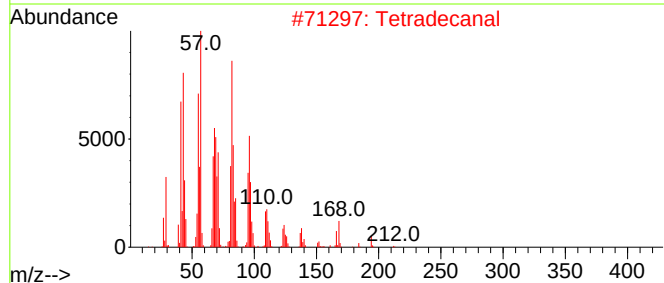
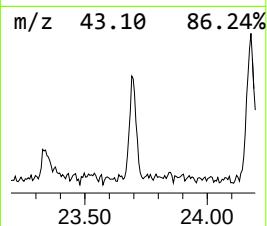
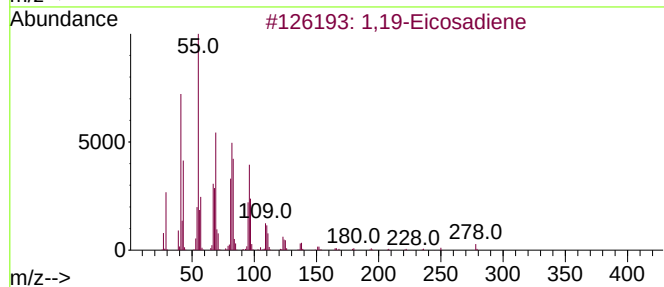
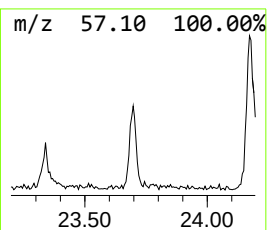
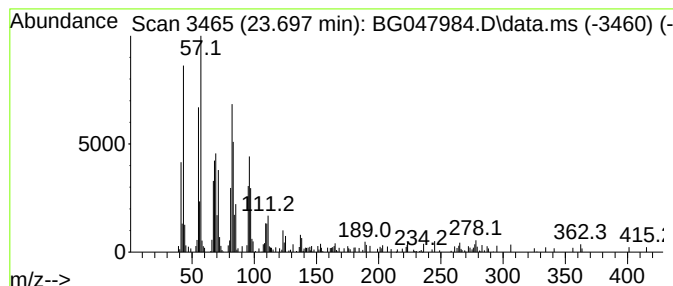
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.697	4.40 ng	214941	Perylene-d12	25.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	93
2			Tetradecanal	212	C14H28O	000124-25-4	91
3			16-Octadecenal	266	C18H34O	056554-87-1	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Hexadecanal	240	C16H32O	000629-80-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PILE-1-(0.5-1.0)

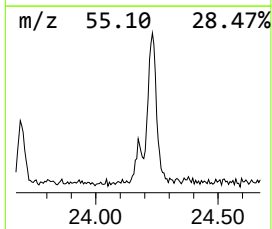
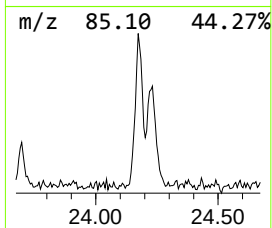
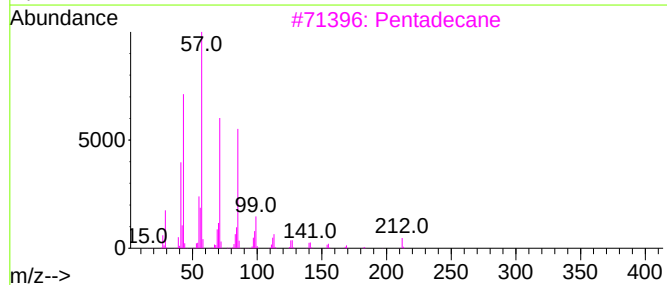
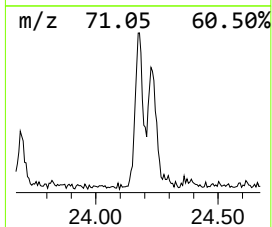
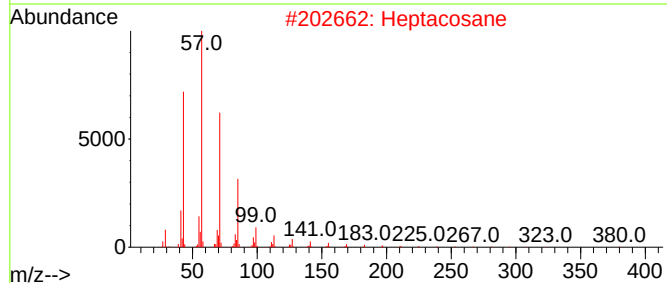
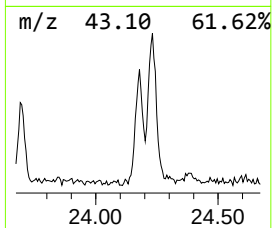
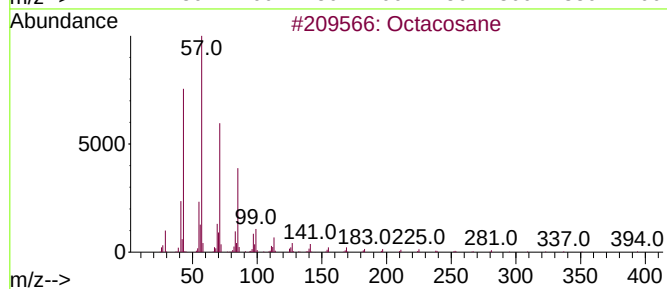
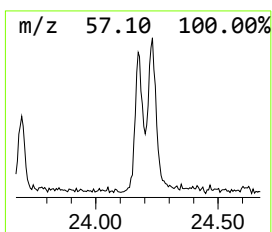
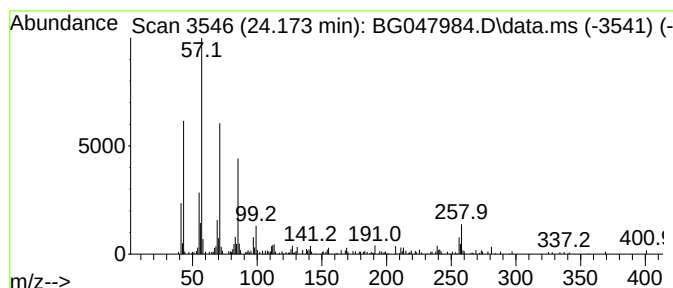
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.173	3.95 ng	192843	Perylene-d12	25.090

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	74
2		Heptacosane	380	C27H56	000593-49-7	74
3		Pentadecane	212	C15H32	000629-62-9	74
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
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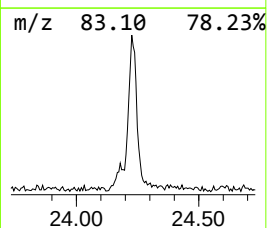
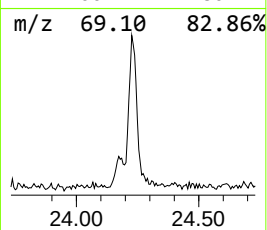
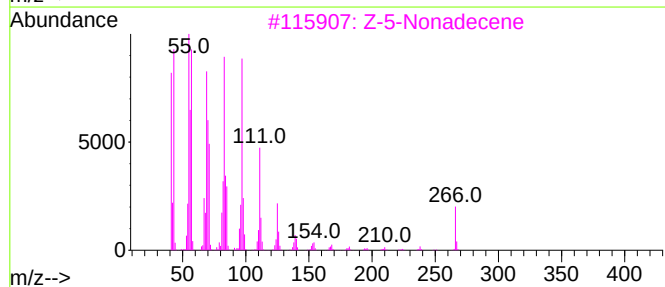
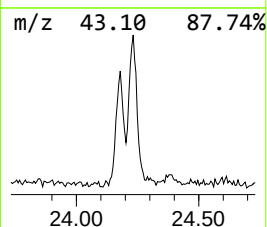
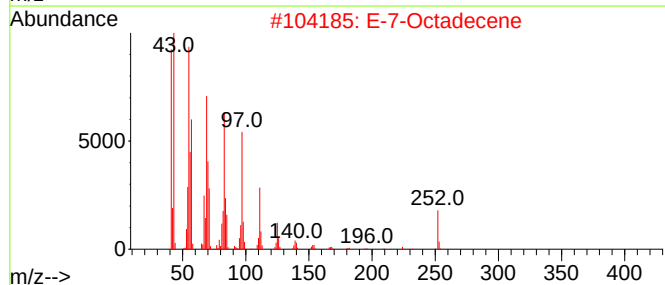
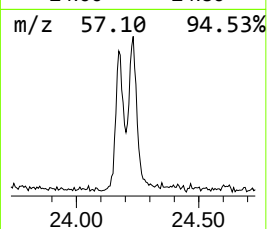
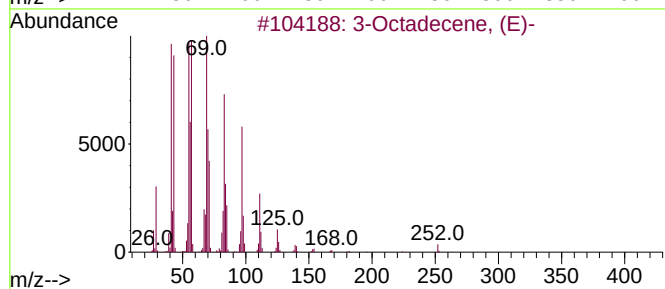
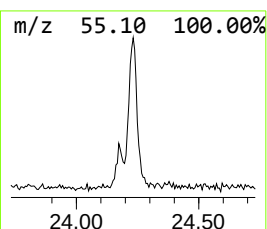
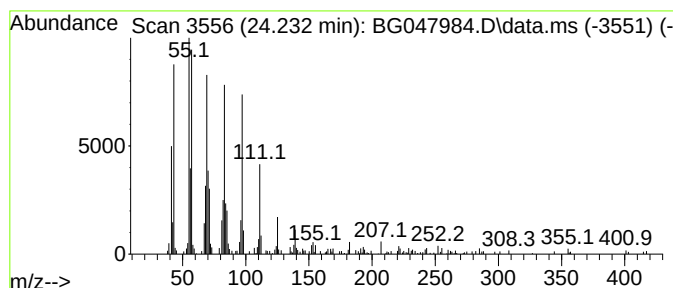
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.232	8.19 ng	399922	Perylene-d12	25.090	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	E-7-Octadecene	252	C18H36	1000130-92-0	93
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
4	1-Docosene	308	C22H44	001599-67-3	89
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

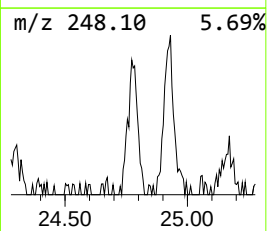
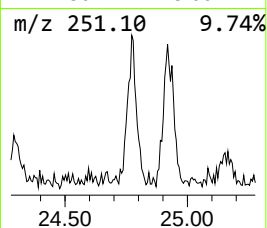
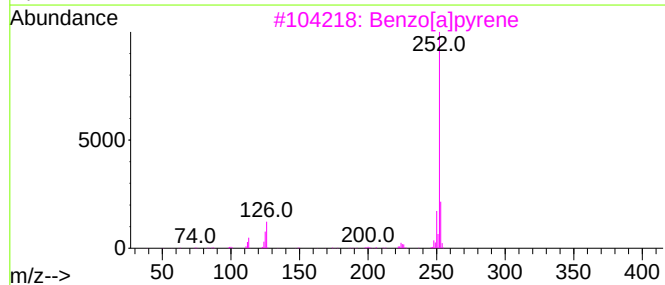
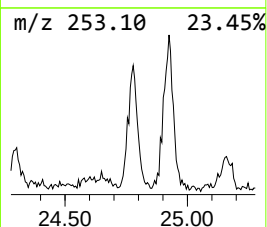
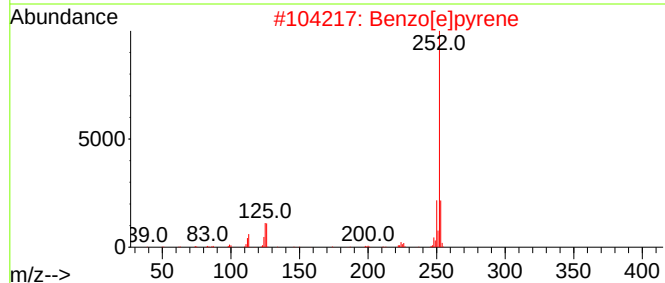
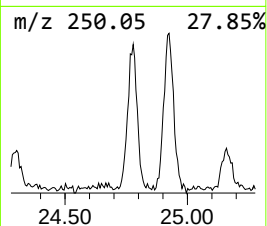
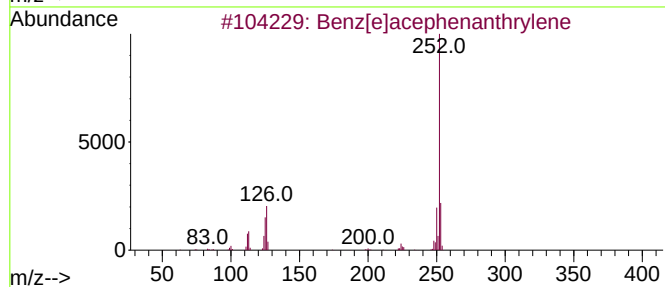
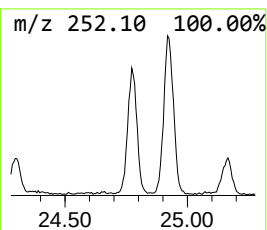
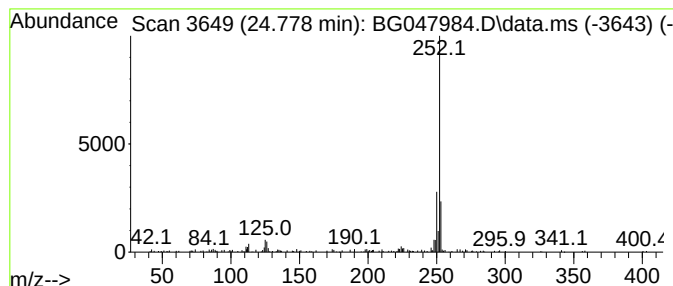
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.778	4.68 ng	228776	Perylene-d12	25.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
2			Benzo[e]pyrene	252	C20H12	000192-97-2	81
3			Benzo[a]pyrene	252	C20H12	000050-32-8	81
4			Perylene	252	C20H12	000198-55-0	76
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

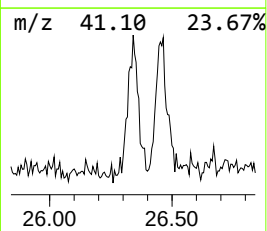
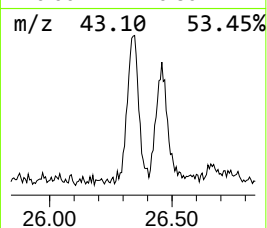
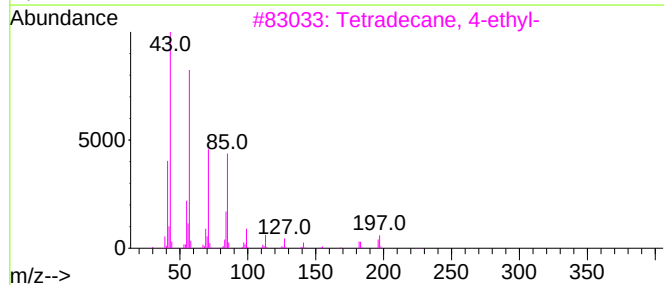
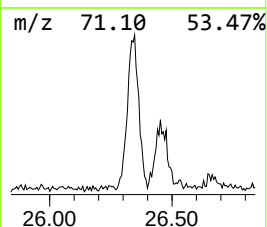
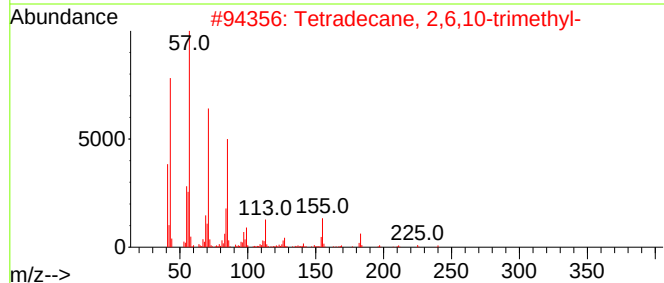
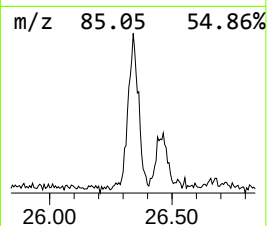
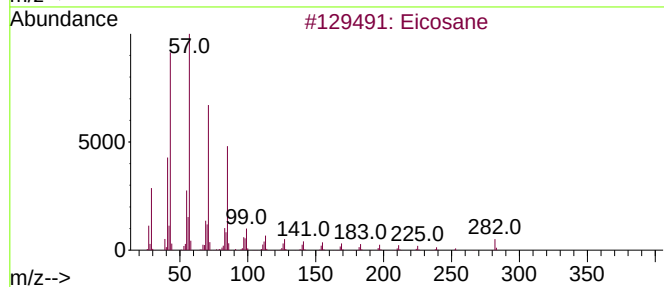
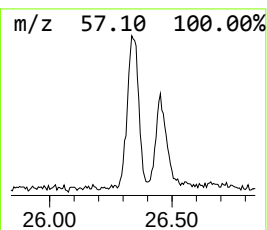
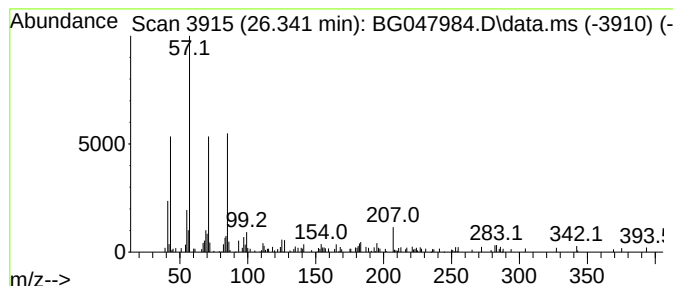
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.341	4.64 ng	226825	Perylene-d12	25.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	72
4			Heptadecane	240	C17H36	000629-78-7	64
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

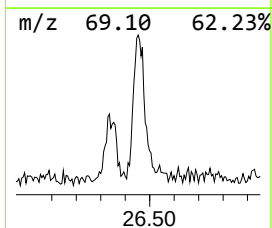
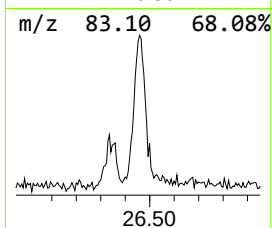
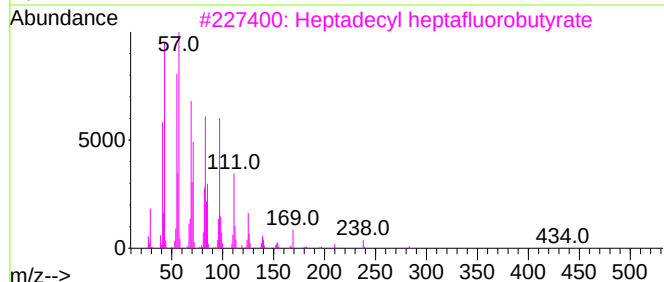
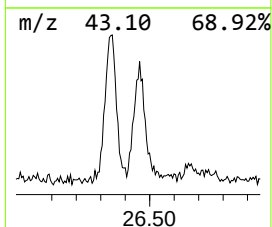
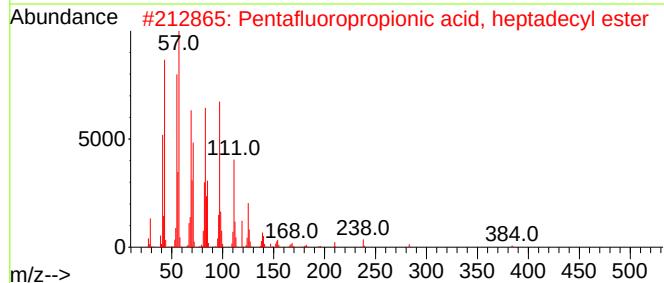
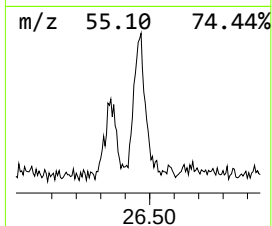
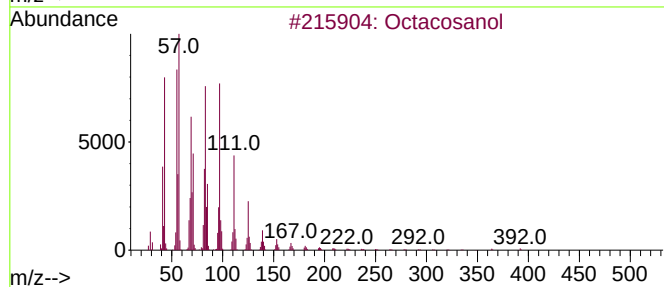
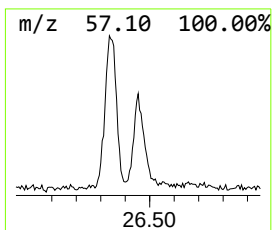
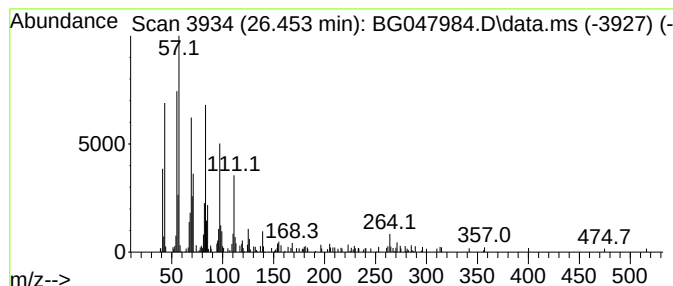
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.453	3.19 ng	155817	Perylene-d12	25.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	83
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81
5			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047984.D
 Acq On : 22 Jan 2021 19:00
 Operator : CG/JU
 Sample : M1177-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PILE-1-(0.5-1.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.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
n-Hexadecanoic ...	18.392	19.5	ng	848617	4	17.504	871899	20.0
Anthracene, 1-m...	18.427	6.2	ng	271445	4	17.504	871899	20.0
Phenanthrene, 1...	18.568	6.0	ng	263535	4	17.504	871899	20.0
1H-Cyclopropa[1...	18.609	3.8	ng	165244	4	17.504	871899	20.0
9,10-Anthracene...	18.909	2.9	ng	124048	4	17.504	871899	20.0
unknown19.161	19.161	6.8	ng	298113	4	17.504	871899	20.0
Phenanthrene, 2...	19.285	6.2	ng	270893	4	17.504	871899	20.0
Phenanthrene, 3...	19.343	3.0	ng	130289	4	17.504	871899	20.0
9,10-Dimethylan...	19.426	3.8	ng	164597	4	17.504	871899	20.0
Octadecanoic acid	19.655	5.4	ng	392466	5	21.788	1458940	20.0
Pyrene, 1-methyl-	20.395	4.8	ng	351761	5	21.788	1458940	20.0
unknown21.012	21.012	2.6	ng	191384	5	21.788	1458940	20.0
Cyclopentadecane	21.417	7.0	ng	513688	5	21.788	1458940	20.0
1-Pentadecanethiol	22.634	4.4	ng	318053	5	21.788	1458940	20.0
1,19-Eicosadiene	23.697	4.4	ng	214941	6	25.090	977167	20.0
Octacosane	24.173	4.0	ng	192843	6	25.090	977167	20.0
3-Octadecene, (E)-	24.232	8.2	ng	399922	6	25.090	977167	20.0
Benzo[e]pyrene	24.778	4.7	ng	228776	6	25.090	977167	20.0
Eicosane	26.341	4.6	ng	226825	6	25.090	977167	20.0
Octacosanol	26.453	3.2	ng	155817	6	25.090	977167	20.0