

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044031.D
 Acq On : 14 Jan 2020 3:33
 Operator : JU
 Sample : L1106-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY1-BC-SB-104-0-5

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_G\METHODS\8270-BG123019.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	3.129	3	7	24	rVB	389016	740000	19.00%	1.473%
2	5.056	328	335	345	rBV	323015	534193	13.71%	1.063%
3	5.526	407	415	435	rBV	1456769	2482654	63.73%	4.941%
4	7.112	677	685	702	rBV	1557667	2788086	71.57%	5.548%
5	7.482	739	748	760	rBV	1546305	2785142	71.49%	5.543%
6	7.947	820	827	837	rBV	456736	801165	20.57%	1.594%
7	8.270	874	882	897	rVB	1132990	2010520	51.61%	4.001%
8	9.098	1010	1023	1035	rBV	903779	1684397	43.24%	3.352%
9	10.749	1295	1304	1310	rBV	585186	1119553	28.74%	2.228%
10	10.796	1310	1312	1318	rVB	63522	82250	2.11%	0.164%
11	12.406	1577	1586	1593	rVB2	25986	49583	1.27%	0.099%
12	13.199	1714	1721	1732	rBV	1896508	3017721	77.46%	6.005%
13	13.904	1833	1841	1845	rBV3	21439	39584	1.02%	0.079%
14	14.028	1856	1862	1867	rBV	155662	225489	5.79%	0.449%
15	14.574	1946	1955	1962	rBV2	924988	1541226	39.56%	3.067%
16	14.639	1962	1966	1973	rVB	126642	198826	5.10%	0.396%
17	14.980	2017	2024	2031	rBV	59572	110456	2.84%	0.220%
18	15.626	2126	2134	2141	rBV2	119558	190330	4.89%	0.379%
19	15.920	2180	2184	2193	rVB	27719	56026	1.44%	0.111%
20	16.061	2201	2208	2217	rBV	1856835	2910161	74.70%	5.791%
21	16.260	2232	2242	2246	rBV2	39334	79282	2.04%	0.158%
22	16.437	2264	2272	2281	rBV10	16232	51445	1.32%	0.102%
23	16.631	2298	2305	2310	rVV	115730	185183	4.75%	0.369%
24	16.983	2359	2365	2369	rVB6	25851	50253	1.29%	0.100%
25	17.142	2387	2392	2402	rVB	57853	109840	2.82%	0.219%
26	17.247	2405	2410	2415	rVB	42910	58600	1.50%	0.117%
27	17.318	2415	2422	2426	rBV	1132100	1780638	45.71%	3.544%
28	17.359	2426	2429	2437	rVV	736801	1143628	29.36%	2.276%
29	17.453	2439	2445	2450	rVV	235125	374221	9.61%	0.745%
30	17.512	2450	2455	2461	rVV2	104385	170119	4.37%	0.339%
31	17.717	2479	2490	2495	rBV	83128	179772	4.61%	0.358%
32	18.199	2566	2572	2573	rBV	112026	158498	4.07%	0.315%
33	18.229	2573	2577	2585	rVV2	206123	510650	13.11%	1.016%
34	18.323	2589	2593	2598	rVV2	70115	117525	3.02%	0.234%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.387	2598	2604	2608	rVV2	216695	404101	10.37%	0.804%
36	18.423	2608	2610	2617	rVB	92366	131617	3.38%	0.262%
37	18.693	2652	2656	2659	rBV	85118	109649	2.81%	0.218%
38	18.940	2695	2698	2702	rVB	53911	65960	1.69%	0.131%
39	19.116	2723	2728	2732	rVV	73507	115434	2.96%	0.230%
40	19.175	2732	2738	2741	rVV5	35907	78237	2.01%	0.156%
41	19.245	2747	2750	2758	rVB4	39218	77750	2.00%	0.155%
42	19.368	2765	2771	2778	rBV	1306710	1866893	47.92%	3.715%
43	19.433	2779	2782	2785	rVV3	61024	85125	2.19%	0.169%
44	19.468	2786	2788	2799	rVB8	36295	94677	2.43%	0.188%
45	19.727	2823	2832	2841	rBV	1106111	2077085	53.32%	4.134%
46	19.803	2842	2845	2851	rVB3	57972	99865	2.56%	0.199%
47	19.933	2859	2867	2872	rBV	2808591	3895688	100.00%	7.753%
48	20.050	2883	2887	2888	rBV2	79013	94320	2.42%	0.188%
49	20.185	2908	2910	2912	rBV3	34742	42214	1.08%	0.084%
50	20.226	2913	2917	2921	rVB2	219029	301447	7.74%	0.600%
51	20.326	2930	2934	2938	rBV2	188453	227414	5.84%	0.453%
52	20.379	2940	2943	2947	rVB2	107027	142522	3.66%	0.284%
53	20.520	2964	2967	2970	rBV2	70658	80776	2.07%	0.161%
54	20.567	2972	2975	2979	rVV	80764	104297	2.68%	0.208%
55	20.626	2981	2985	2989	rVB	204642	262759	6.74%	0.523%
56	21.196	3080	3082	3085	rBV3	64355	77566	1.99%	0.154%
57	21.237	3085	3089	3096	rVV5	451273	719834	18.48%	1.433%
58	21.302	3097	3100	3106	rVB2	115981	180259	4.63%	0.359%
59	21.425	3119	3121	3126	rVV	44989	48234	1.24%	0.096%
60	21.478	3127	3130	3133	rVV	89093	108419	2.78%	0.216%
61	21.566	3137	3145	3151	rVV3	1203214	3128440	80.31%	6.226%
62	21.613	3151	3153	3166	rVB	476389	800478	20.55%	1.593%
63	21.766	3175	3179	3187	rVB2	108427	213307	5.48%	0.424%
64	21.918	3200	3205	3209	rBV2	262039	391869	10.06%	0.780%
65	22.212	3251	3255	3260	rBV2	139503	237081	6.09%	0.472%
66	22.259	3260	3263	3265	rBV2	89161	117268	3.01%	0.233%
67	22.388	3282	3285	3291	rVB4	85362	136397	3.50%	0.271%
68	22.541	3309	3311	3316	rBV3	37368	50146	1.29%	0.100%
69	23.188	3417	3421	3425	rBV7	49226	88880	2.28%	0.177%
70	23.246	3425	3431	3442	rVB	448982	907184	23.29%	1.805%
71	23.710	3501	3510	3517	rBV	354530	1172453	30.10%	2.333%

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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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	23.951	3548	3551	3558	rVB2	69205	136702	3.51%	0.272%
73	24.410	3624	3629	3638	rVB	153506	365018	9.37%	0.726%
74	24.551	3645	3653	3664	rBV	301251	810977	20.82%	1.614%
75	24.709	3670	3680	3688	rBV2	636672	1864499	47.86%	3.710%

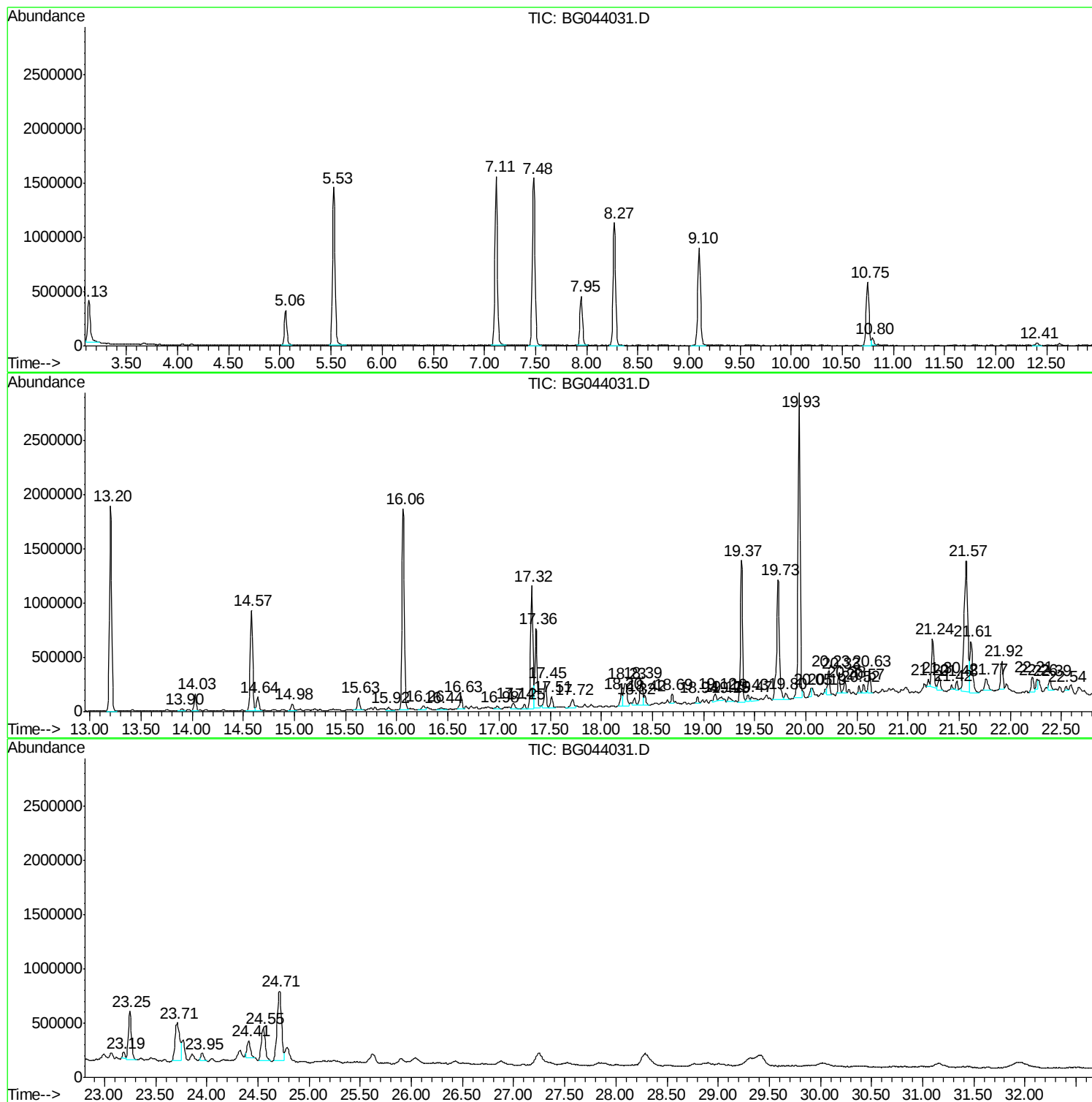
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Instrument :
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ClientSampleId :
CIY1-BC-SB-104-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.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 : BG044031.D
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Instrument :
BNA_G
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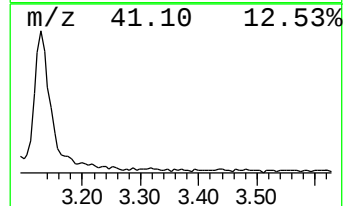
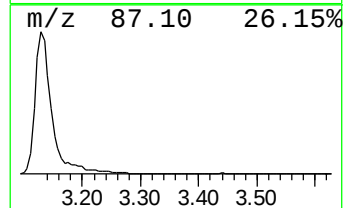
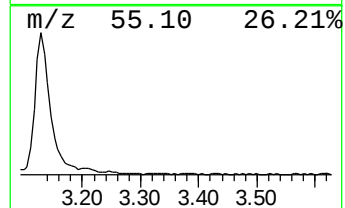
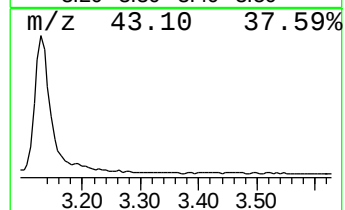
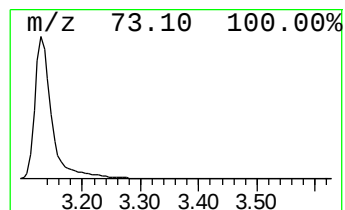
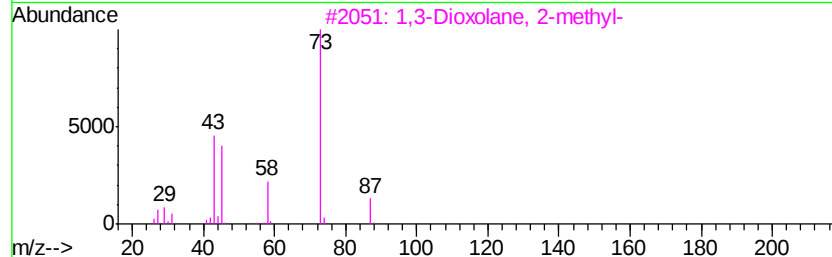
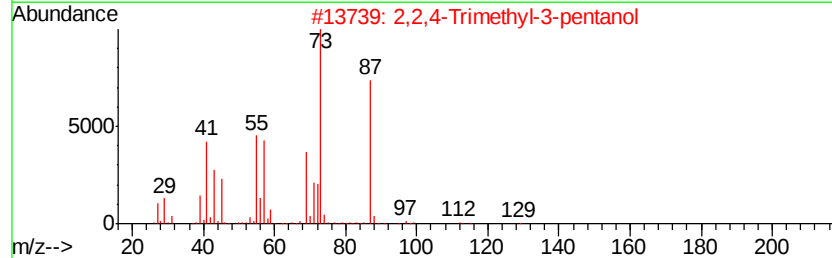
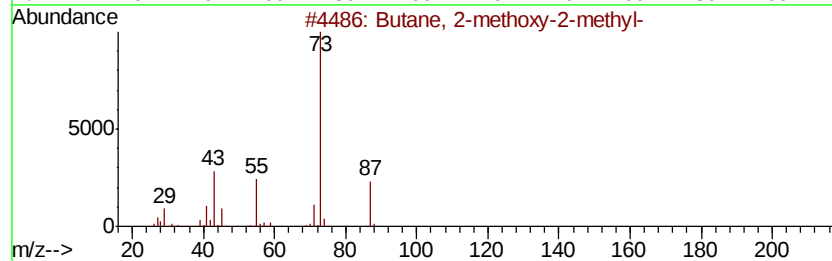
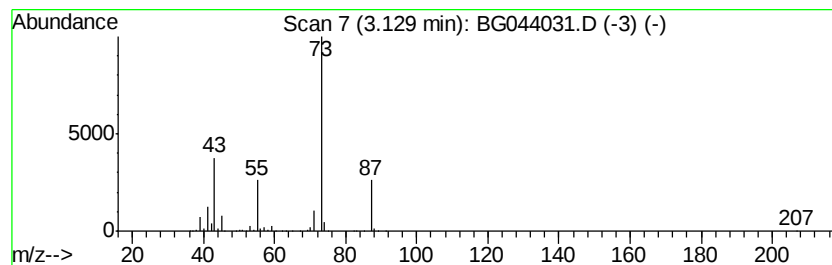
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	18.47 ng	740000	1,4-Dichlorobenzene-d4	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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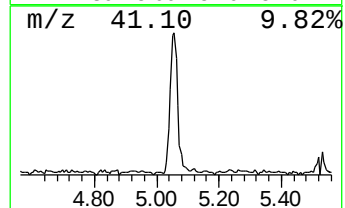
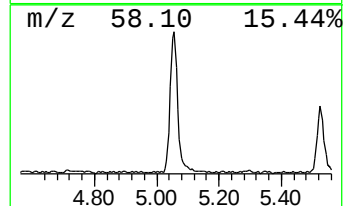
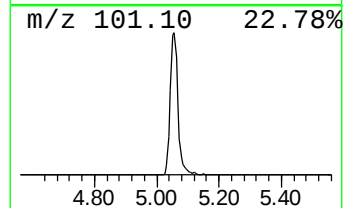
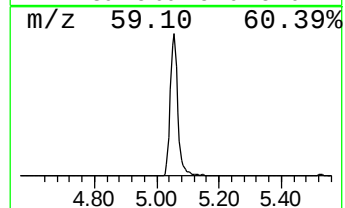
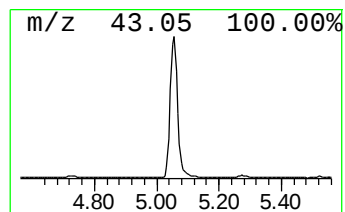
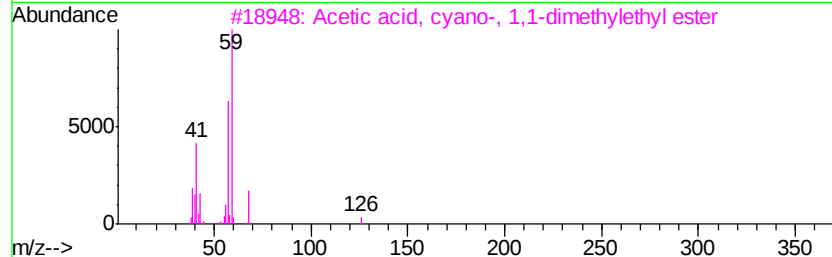
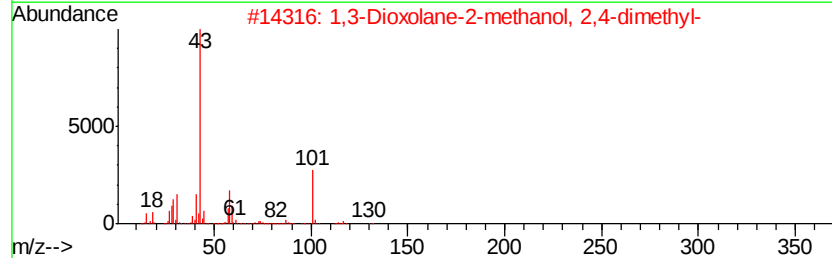
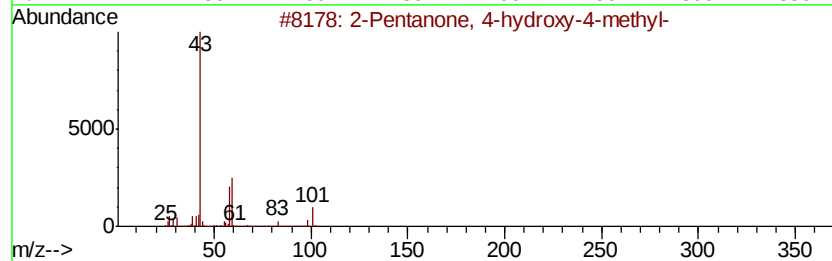
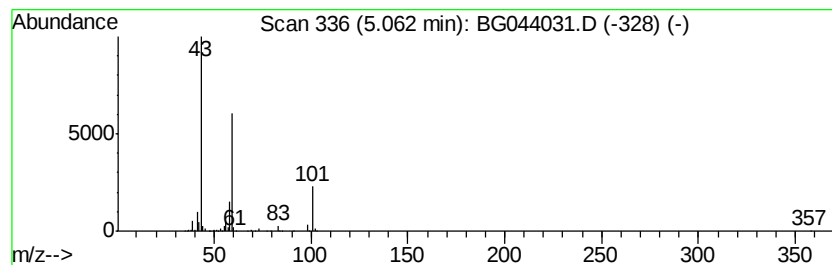
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	13.34 ng	534193	1,4-Dichlorobenzene-d4	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23	
4	Acetone	58	C3H6O	000067-64-1	10	
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9	



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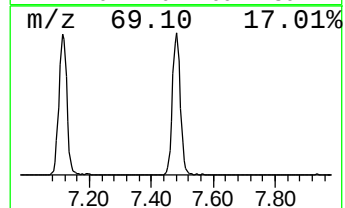
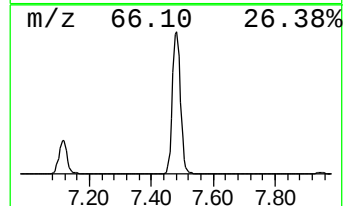
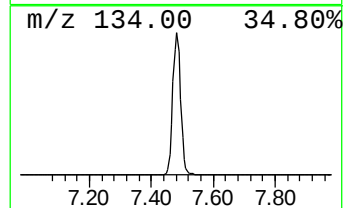
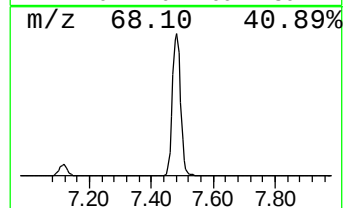
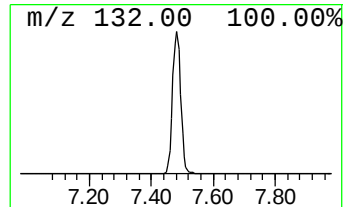
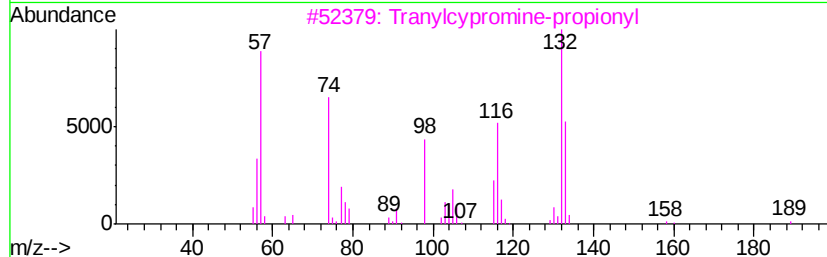
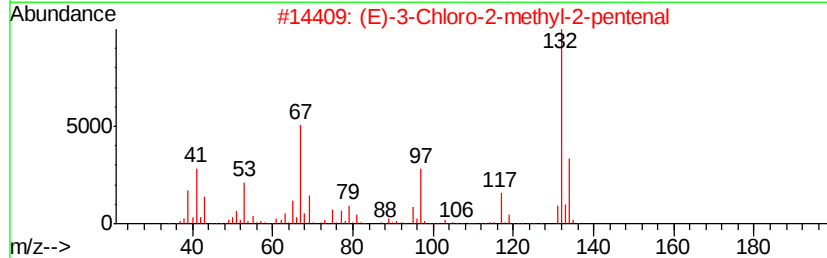
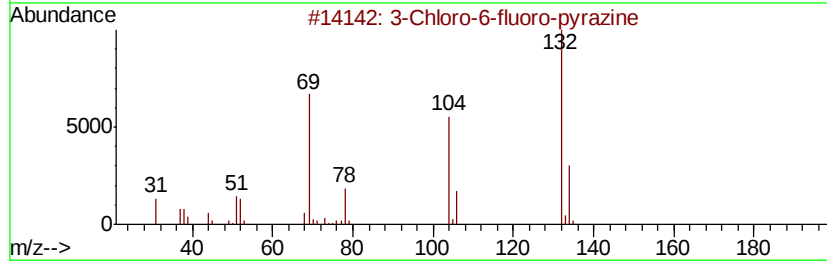
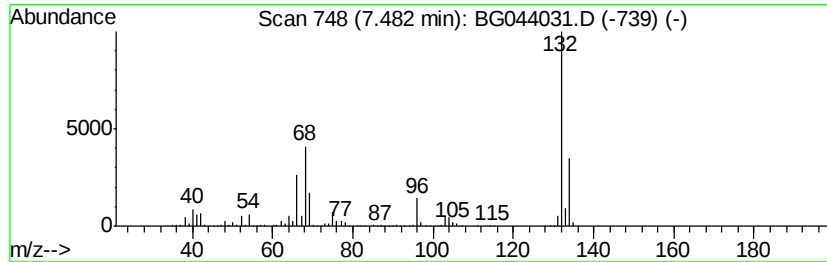
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	69.53 ng	2785140	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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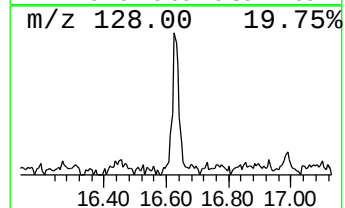
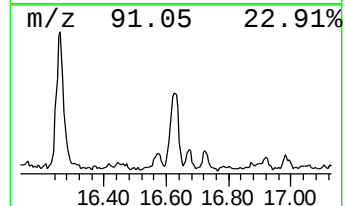
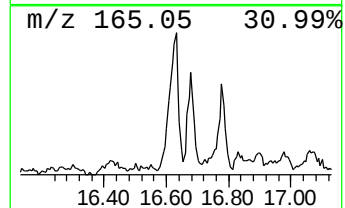
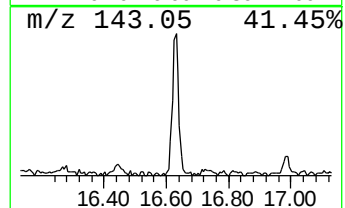
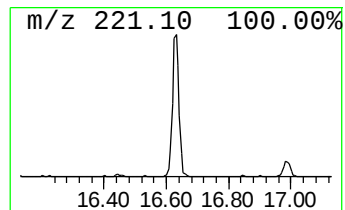
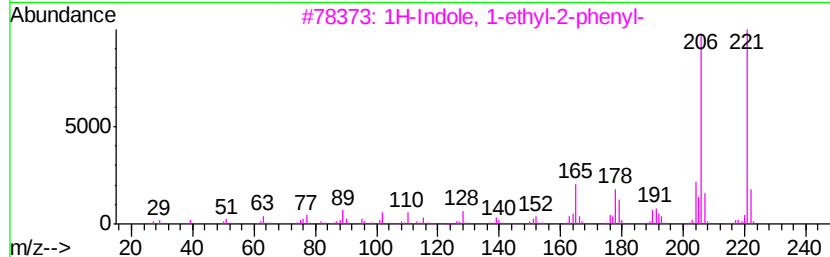
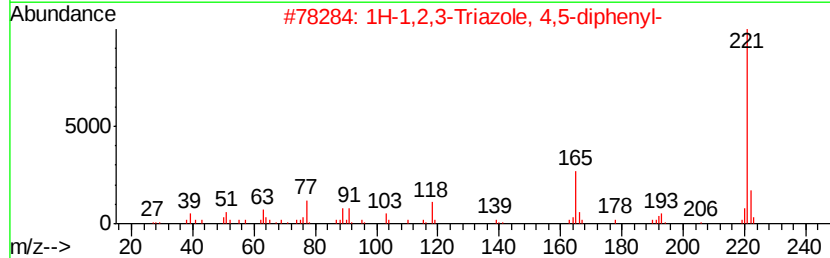
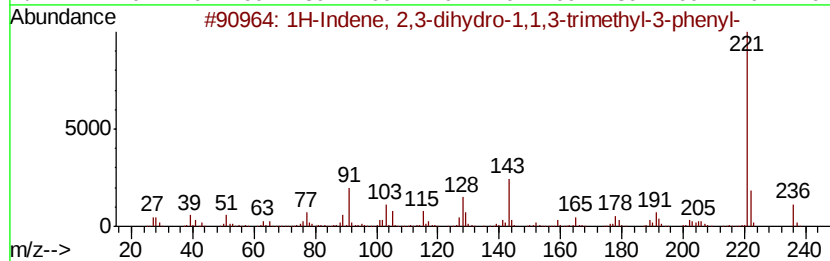
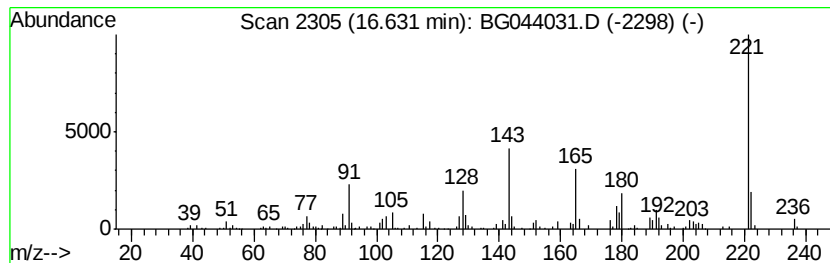
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.63	2.08 ng	185183	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20		003910-35-8	80
2	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3		005533-73-3	49
3	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N		013228-39-2	49
4	9-(Methylaminomethyl)anthracene	221	C16H15N		073356-19-1	49
5	1-Methyl-4-phenyl-3,4-dihydroiso...	221	C16H15N		1000211-01-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044031.D
Acq On : 14 Jan 2020 3:33
Operator : JU
Sample : L1106-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CIY1-BC-SB-104-0-5

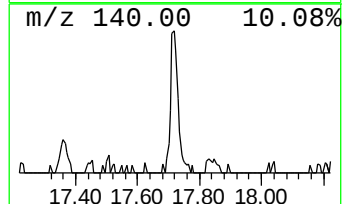
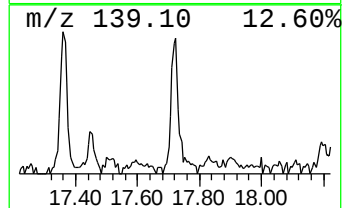
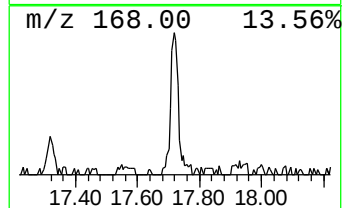
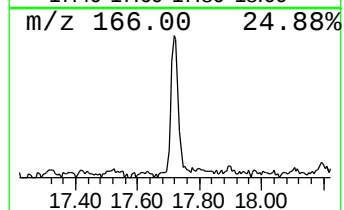
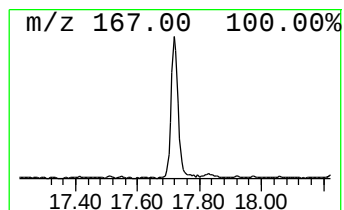
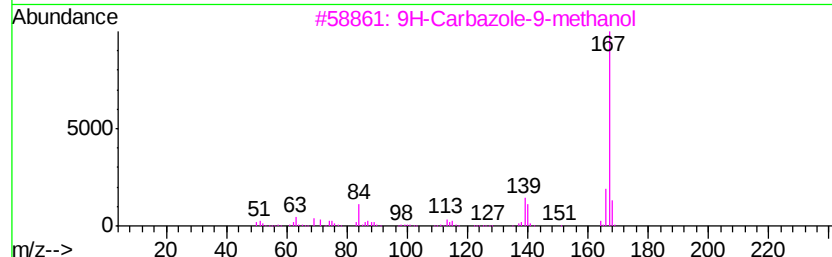
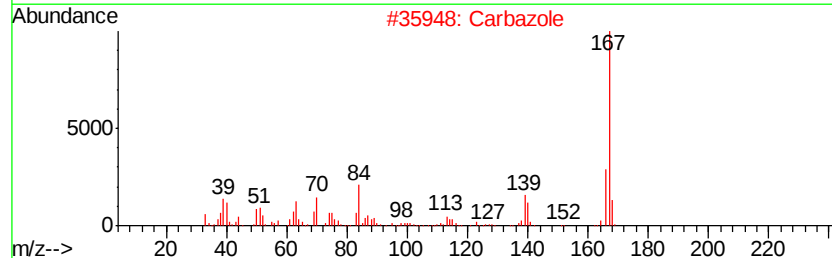
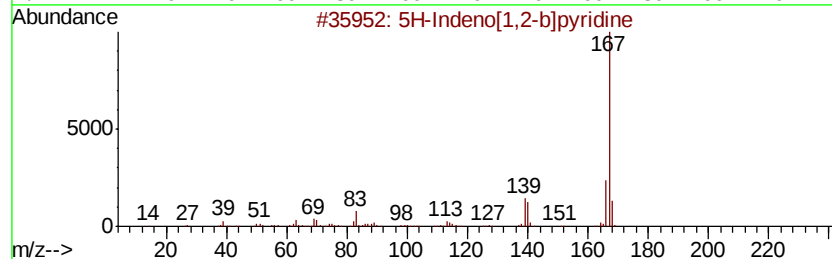
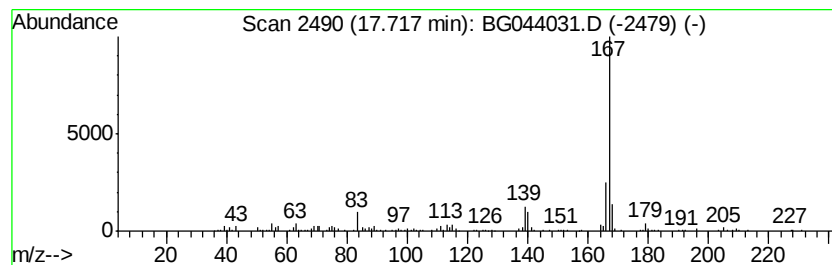
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.02 ng	179772	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2		Carbazole	167	C12H9N	000086-74-8	83
3		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80
4		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5		D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044031.D
Acq On : 14 Jan 2020 3:33
Operator : JU
Sample : L1106-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CIY1-BC-SB-104-0-5

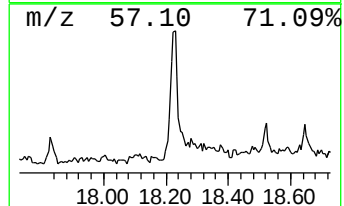
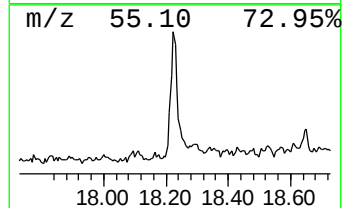
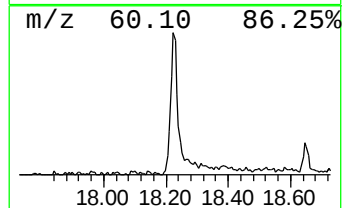
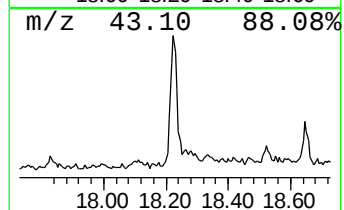
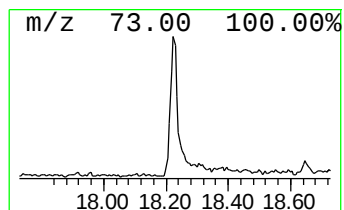
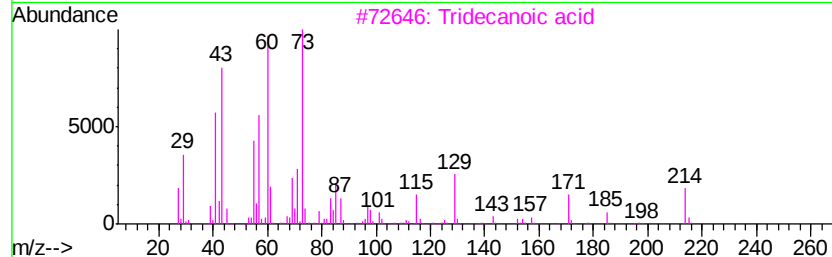
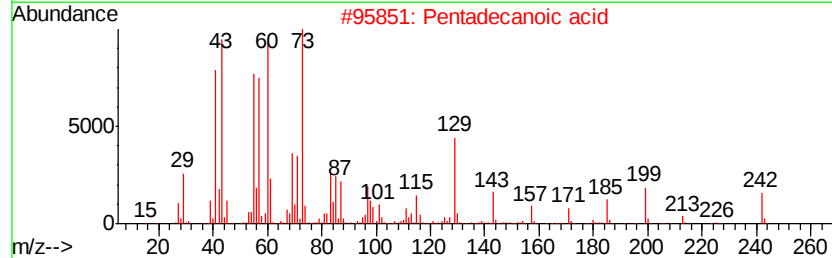
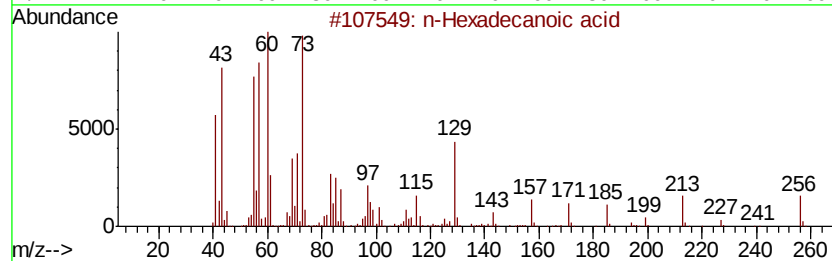
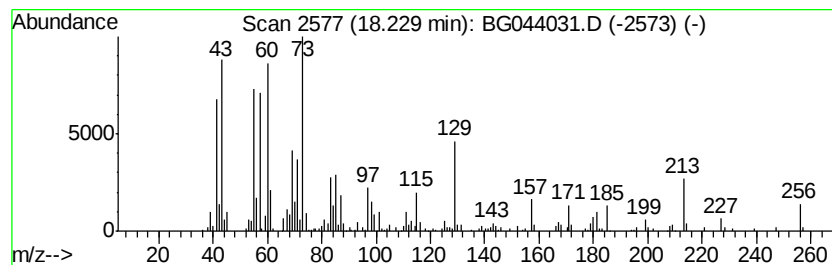
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.74 ng	510650	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044031.D
Acq On : 14 Jan 2020 3:33
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Sample : L1106-08
Misc :
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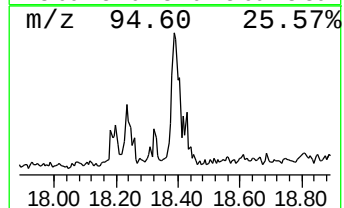
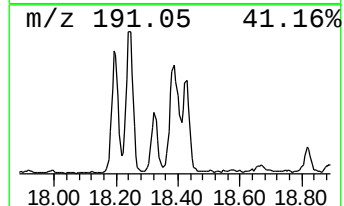
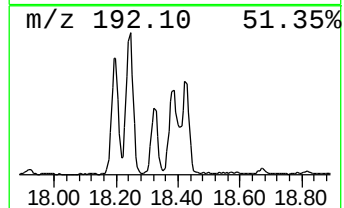
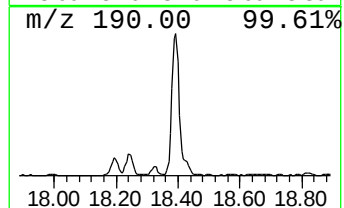
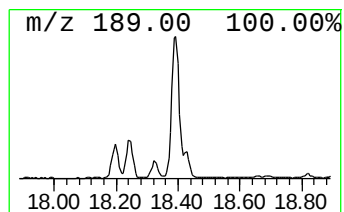
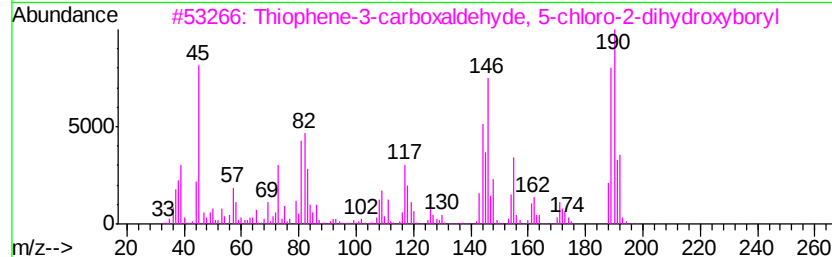
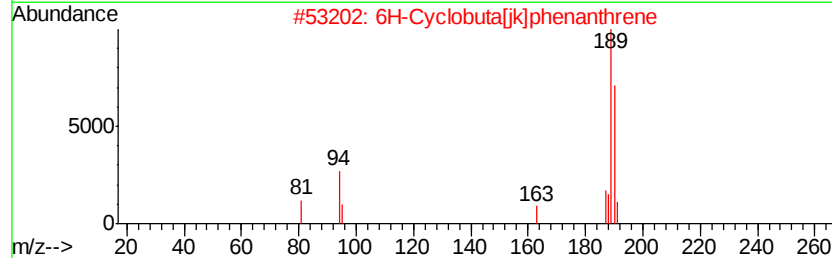
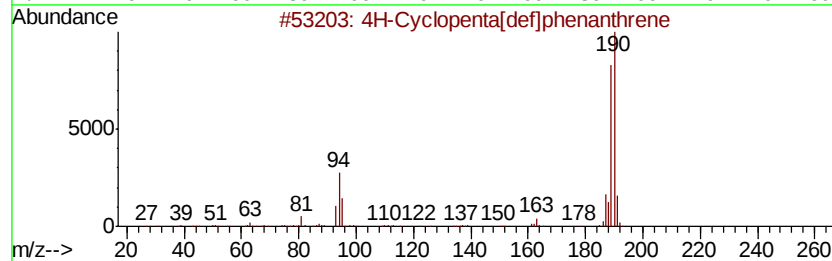
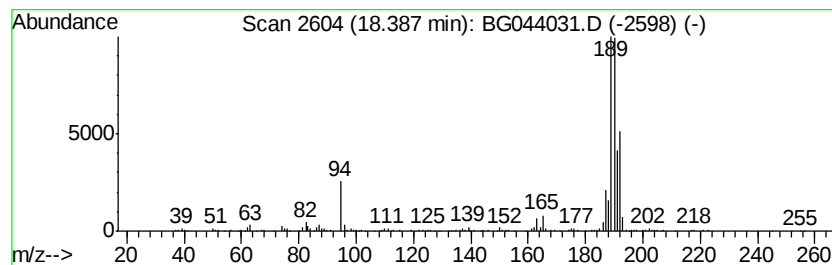
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.39	4.54 ng	404101	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
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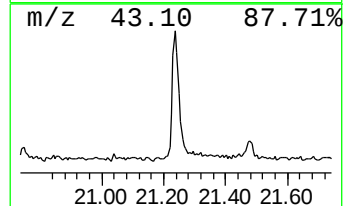
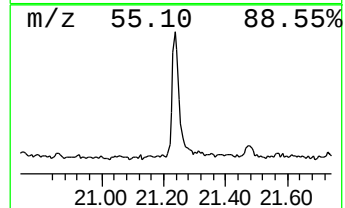
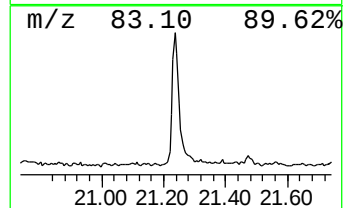
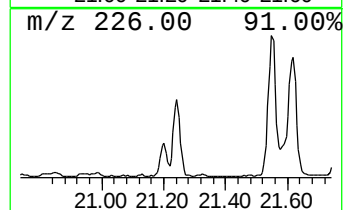
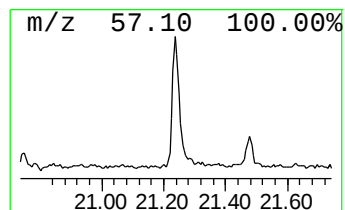
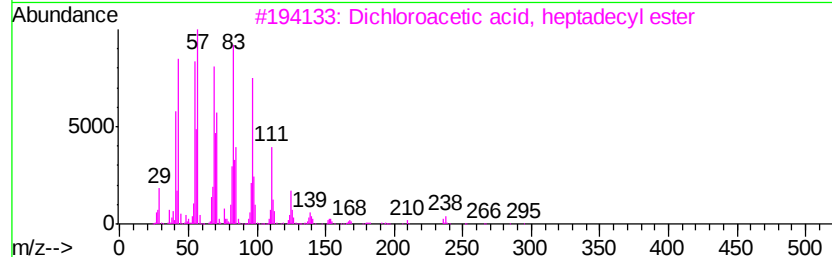
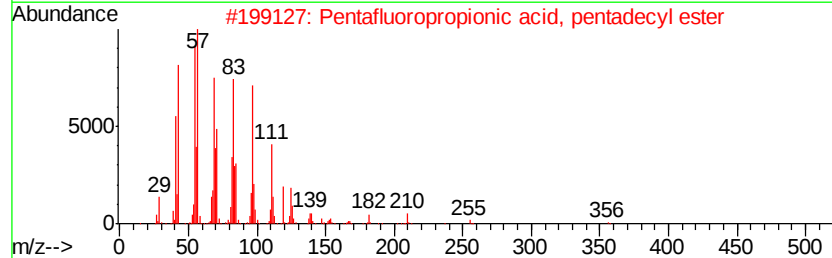
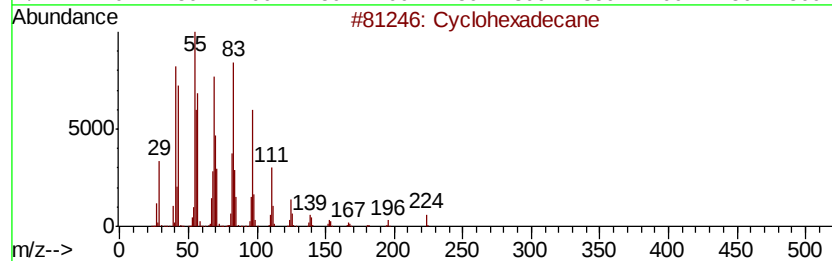
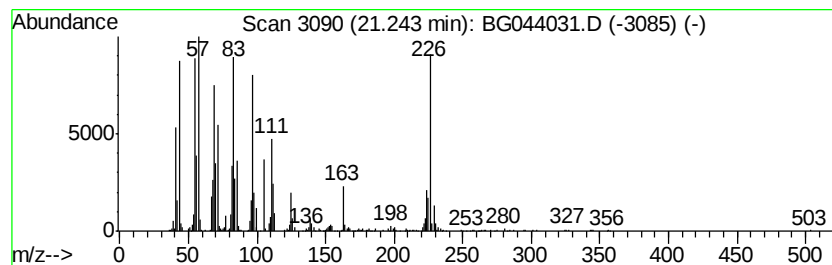
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	4.60 ng	719834	Chrysene-d12	21.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 94
2		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 91
3		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 91
4		Behenic alcohol	326 C22H46O	000661-19-8 91
5		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044031.D
 Acq On : 14 Jan 2020 3:33
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Instrument :
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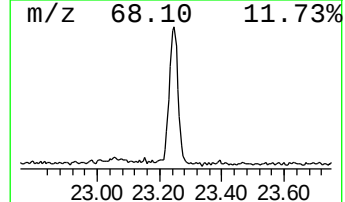
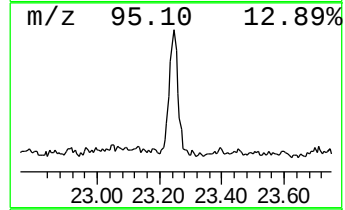
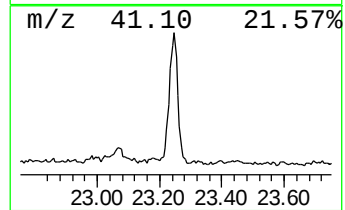
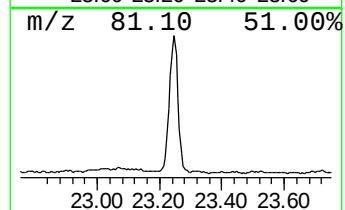
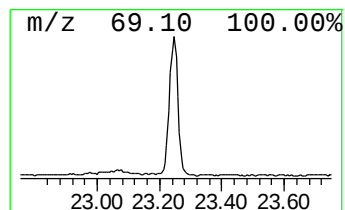
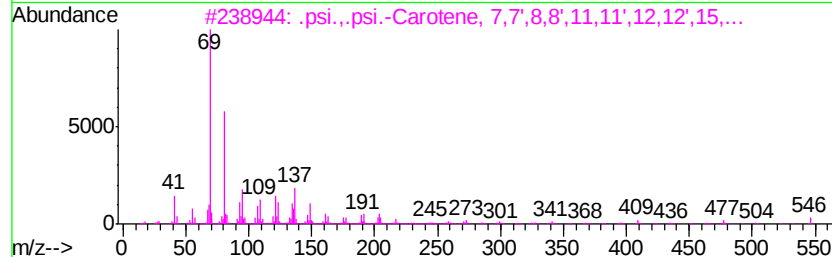
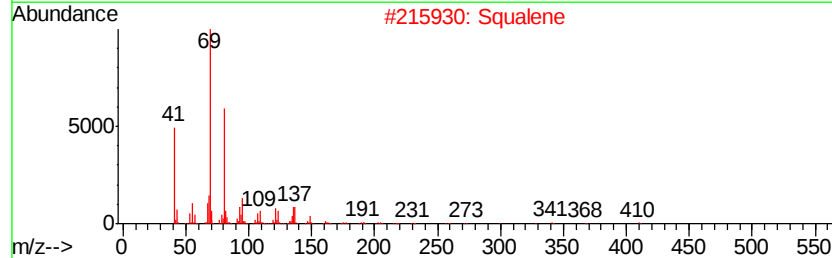
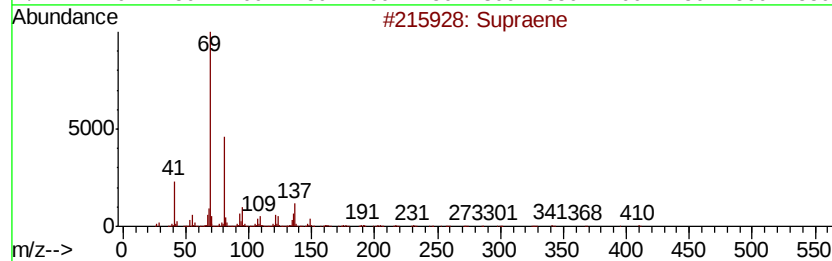
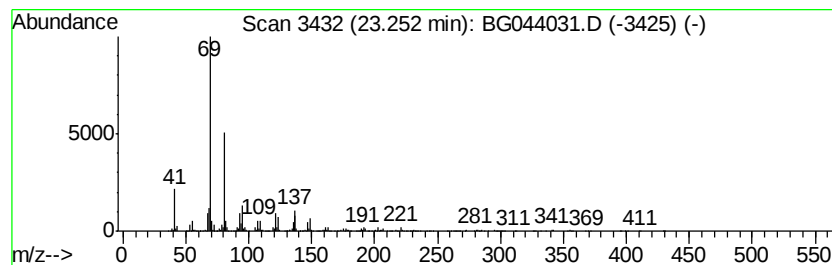
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	9.73 ng	907184	Perylene-d12	24.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		.psi.,.psi.-Carotene, 7,7',8,8',....	547	C40H66	000502-62-5	83
4		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53
5		Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
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ALS Vial : 18 Sample Multiplier: 1

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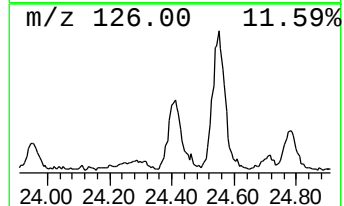
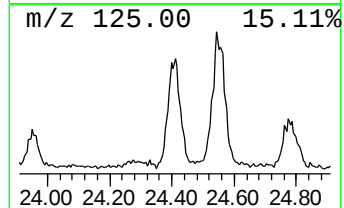
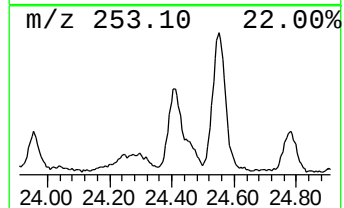
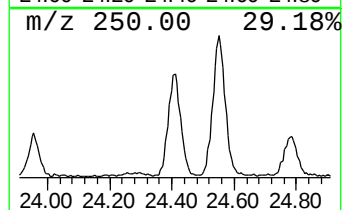
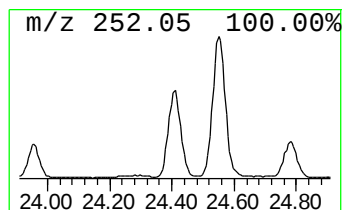
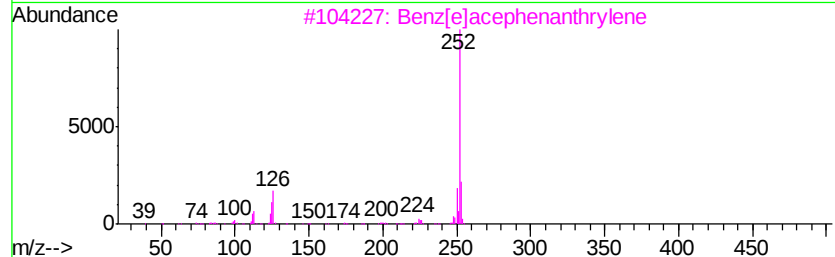
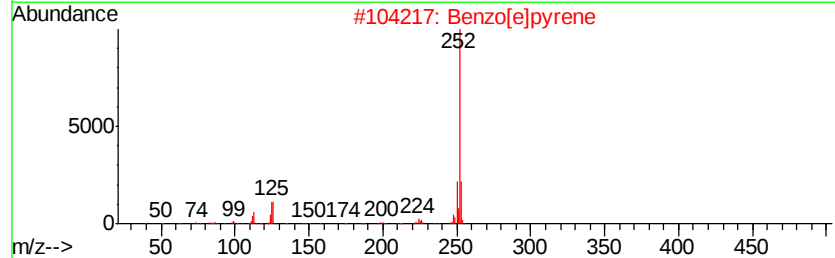
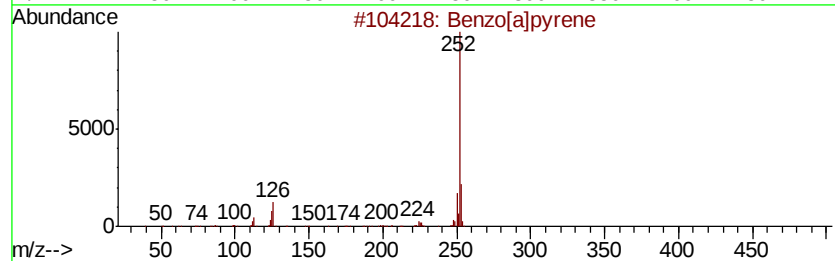
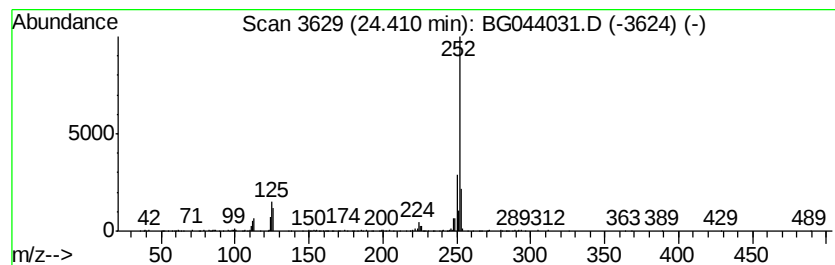
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	3.92 ng	365018	Perylene-d12	24.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	94
2			Benzo[e]pyrene	252	C20H12	000192-97-2	93
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	90



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Acq On : 14 Jan 2020 3:33
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CIY1-BC-SB-104-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	3.13	18.5	ng	740000	1	7.95	801165	20.0
2-Pentanone, 4-hy...	5.06	13.3	ng	534193	1	7.95	801165	20.0
unknown7.48	7.48	69.5	ng	2785140	1	7.95	801165	20.0
1H-Indene, 2,3-di...	16.63	2.1	ng	185183	4	17.32	1780640	20.0
5H-Indeno[1,2-b]p...	17.72	2.0	ng	179772	4	17.32	1780640	20.0
n-Hexadecanoic acid	18.23	5.7	ng	510650	4	17.32	1780640	20.0
4H-Cyclopenta[def...	18.39	4.5	ng	404101	4	17.32	1780640	20.0
Cyclohexadecane	21.24	4.6	ng	719834	5	21.57	3128440	20.0
Supraene	23.25	9.7	ng	907184	6	24.71	1864500	20.0
Benzo[e]pyrene	24.41	3.9	ng	365018	6	24.71	1864500	20.0