

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052327.D
 Acq On : 8 Feb 2022 20:06
 Operator : CG/JU
 Sample : N1401-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124035

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-BG020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.273	298	304	312	rVB	12485	20582	1.25%	0.153%
2	5.760	379	387	396	rBV	569038	929479	56.49%	6.895%
3	7.376	653	662	673	rBV	619114	1072622	65.19%	7.957%
4	8.228	799	807	815	rBV	125025	214925	13.06%	1.594%
5	8.609	864	872	878	rBV	18363	30599	1.86%	0.227%
6	9.402	999	1007	1014	rBV	388627	700145	42.55%	5.194%
7	10.812	1242	1247	1257	rVB2	13055	22861	1.39%	0.170%
8	11.065	1284	1290	1297	rBV	167165	314533	19.12%	2.333%
9	11.118	1297	1299	1306	rVB3	16236	24826	1.51%	0.184%
10	12.716	1565	1571	1577	rVB	33375	53848	3.27%	0.399%
11	12.927	1602	1607	1616	rVB	20303	34565	2.10%	0.256%
12	13.497	1697	1704	1711	rBV	941337	1436581	87.31%	10.657%
13	13.685	1729	1736	1739	rBV2	17346	31495	1.91%	0.234%
14	14.037	1788	1796	1804	rBV2	18258	46508	2.83%	0.345%
15	14.196	1813	1823	1827	rBV3	21756	41435	2.52%	0.307%
16	14.249	1827	1832	1836	rVB3	14622	22384	1.36%	0.166%
17	14.748	1913	1917	1922	rBV2	18885	23428	1.42%	0.174%
18	14.872	1926	1938	1944	rBV	278014	459214	27.91%	3.407%
19	14.936	1944	1949	1956	rVB2	127030	199126	12.10%	1.477%
20	15.077	1967	1973	1982	rVB9	7634	20403	1.24%	0.151%
21	15.271	2000	2006	2013	rVB	66372	110893	6.74%	0.823%
22	15.341	2013	2018	2029	rBV6	11664	29485	1.79%	0.219%
23	15.488	2037	2043	2048	rBV6	14028	27408	1.67%	0.203%
24	15.653	2066	2071	2075	rBV4	14044	27569	1.68%	0.205%
25	15.694	2075	2078	2084	rVB3	28466	37237	2.26%	0.276%
26	15.917	2111	2116	2127	rBV2	86280	145625	8.85%	1.080%
27	16.082	2141	2144	2151	rVB6	14197	21709	1.32%	0.161%
28	16.211	2161	2166	2170	rVB	21547	33044	2.01%	0.245%
29	16.364	2185	2192	2200	rBV	763374	1198095	72.82%	8.888%
30	16.557	2221	2225	2227	rBV2	29063	38446	2.34%	0.285%
31	16.587	2228	2230	2235	rVB3	34575	45293	2.75%	0.336%
32	16.722	2247	2253	2259	rVB9	10698	25099	1.53%	0.186%
33	16.922	2283	2287	2292	rVB7	18845	32079	1.95%	0.238%
34	16.969	2292	2295	2301	rBV7	13533	20091	1.22%	0.149%
35	17.074	2308	2313	2319	rVB6	15846	28078	1.71%	0.208%
36	17.133	2319	2323	2325	rBV4	10868	16742	1.02%	0.124%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.274	2344	2347	2353	rVB3	19986	30292	1.84%	0.225%
38	17.356	2356	2361	2365	rVV2	33338	51612	3.14%	0.383%
39	17.409	2365	2370	2373	rVV3	21940	38365	2.33%	0.285%
40	17.439	2373	2375	2383	rVB	28006	45023	2.74%	0.334%
41	17.509	2383	2387	2391	rBV6	14190	23101	1.40%	0.171%
42	17.627	2400	2407	2410	rBV	329534	500604	30.43%	3.714%
43	17.668	2410	2414	2420	rVB	255870	376783	22.90%	2.795%
44	17.756	2426	2429	2434	rVB	30380	39221	2.38%	0.291%
45	17.820	2434	2440	2445	rVB9	12354	29972	1.82%	0.222%
46	17.979	2462	2467	2470	rBV6	15026	22696	1.38%	0.168%
47	18.020	2470	2474	2478	rVB2	15619	25351	1.54%	0.188%
48	18.097	2483	2487	2491	rVB	21797	26755	1.63%	0.198%
49	18.267	2513	2516	2521	rVB2	22064	25387	1.54%	0.188%
50	18.502	2550	2556	2559	rBV2	31562	53692	3.26%	0.398%
51	18.549	2559	2564	2570	rVB	41057	67257	4.09%	0.499%
52	18.631	2574	2578	2583	rVB2	16733	27545	1.67%	0.204%
53	18.696	2583	2589	2594	rBV4	79300	154378	9.38%	1.145%
54	18.784	2600	2604	2609	rBV4	18351	26050	1.58%	0.193%
55	18.989	2635	2639	2643	rVB3	26034	36146	2.20%	0.268%
56	19.230	2677	2680	2685	rVB6	10548	17161	1.04%	0.127%
57	19.407	2705	2710	2717	rBV3	39049	92237	5.61%	0.684%
58	19.548	2729	2734	2735	rBV5	12705	18576	1.13%	0.138%
59	19.671	2749	2755	2760	rBV	337493	488368	29.68%	3.623%
60	19.712	2760	2762	2767	rVB5	13651	18660	1.13%	0.138%
61	20.000	2805	2811	2812	rBV3	54567	81283	4.94%	0.603%
62	20.029	2812	2816	2824	rVV	229841	354268	21.53%	2.628%
63	20.100	2824	2828	2833	rVB4	18480	27866	1.69%	0.207%
64	20.217	2842	2848	2853	rBV	1303841	1645297	100.00%	12.206%
65	20.352	2867	2871	2878	rVB4	17113	38108	2.32%	0.283%
66	20.517	2895	2899	2905	rVB2	44854	74690	4.54%	0.554%
67	20.617	2911	2916	2920	rBV2	42651	66741	4.06%	0.495%
68	20.681	2922	2927	2931	rVB4	19357	35466	2.16%	0.263%
69	21.539	3070	3073	3079	rVB6	38588	53424	3.25%	0.396%
70	21.938	3133	3141	3147	rBV3	282988	604130	36.72%	4.482%
71	21.985	3147	3149	3158	rVB	57434	100037	6.08%	0.742%
72	23.178	3347	3352	3358	rVB2	59121	107799	6.55%	0.800%
73	25.263	3698	3707	3713	rBV5	17783	61023	3.71%	0.453%
74	25.422	3724	3734	3748	rBV3	126756	457828	27.83%	3.396%

Sum of corrected areas: 13479644

Instrument :

BNA_G

ClientSampleId :

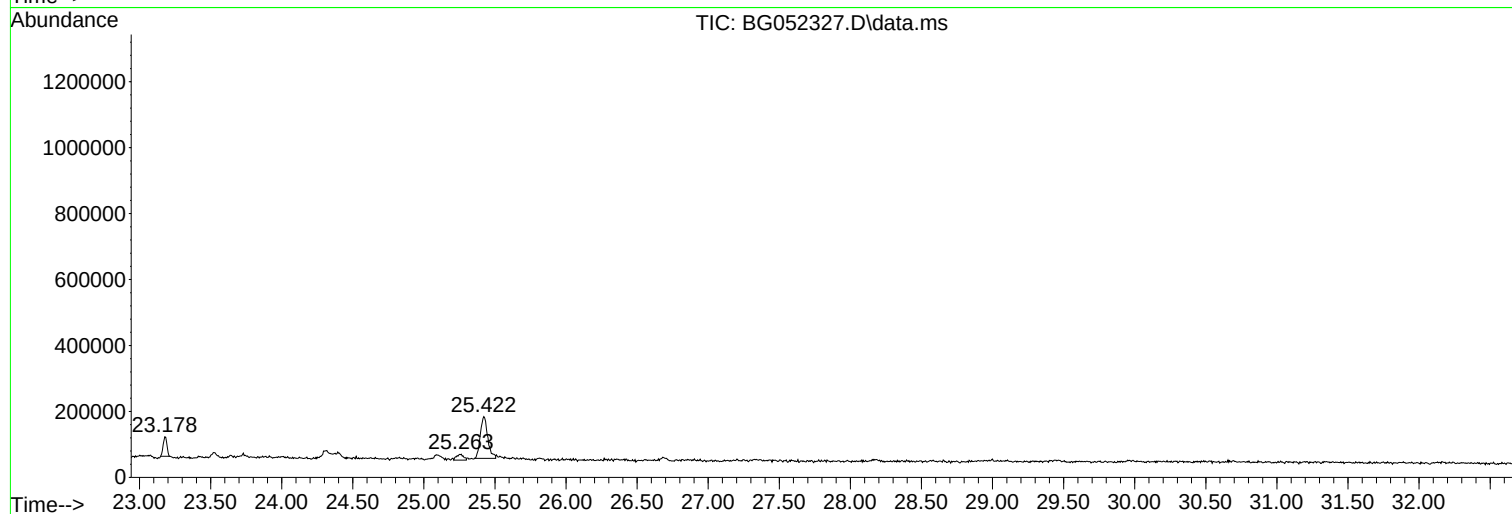
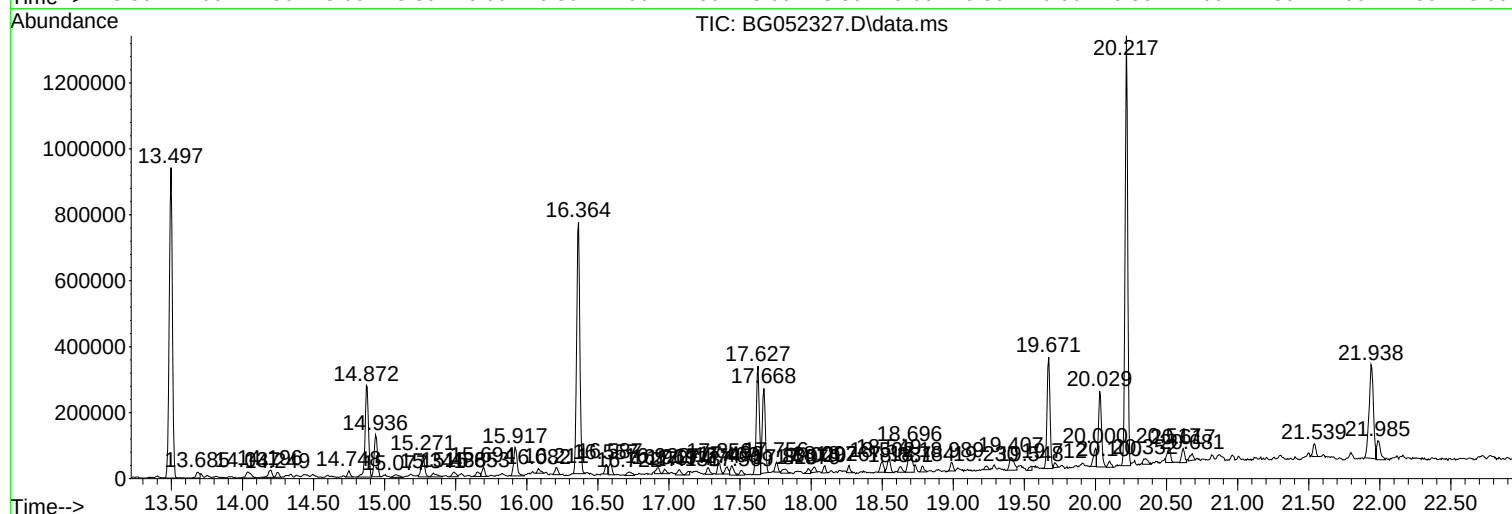
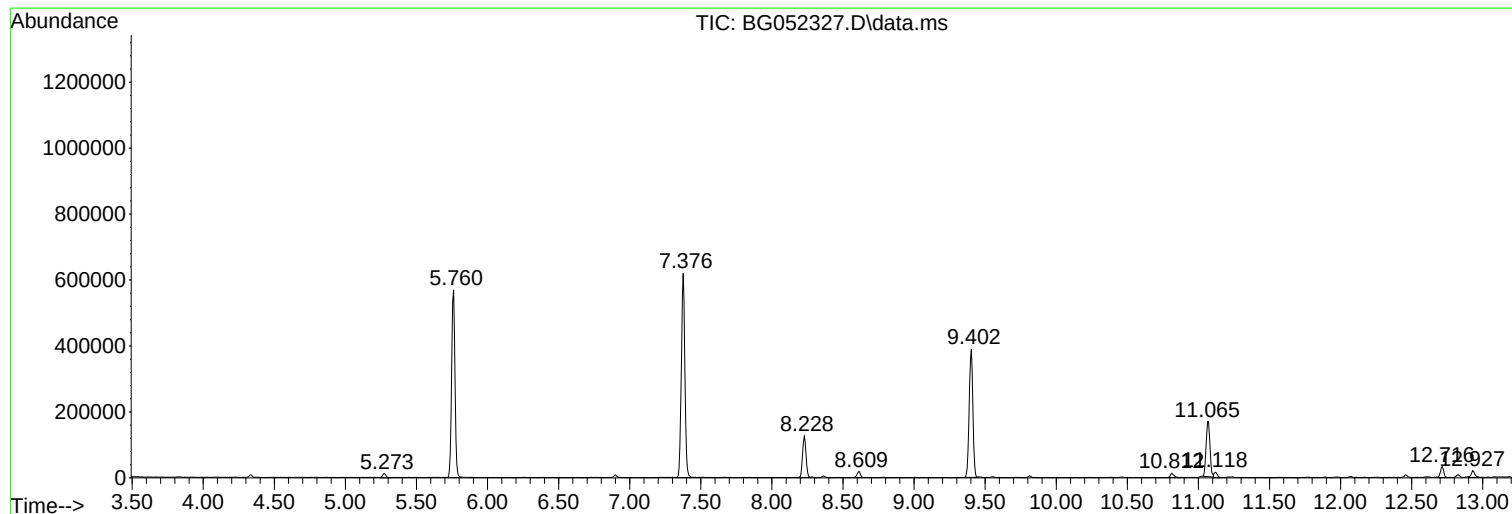
RO-124035

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
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Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-124035

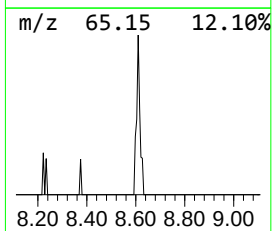
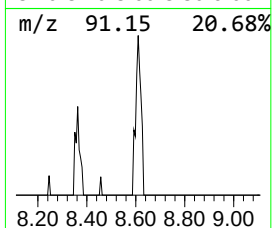
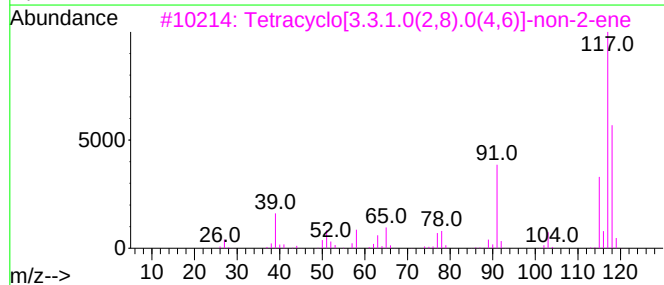
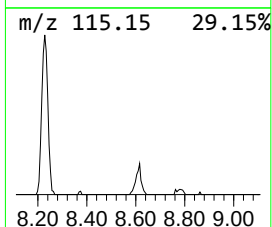
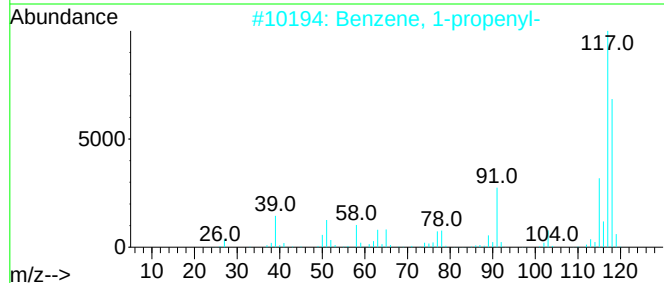
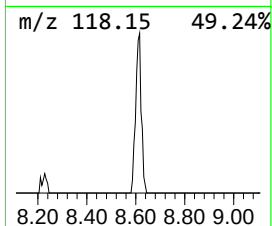
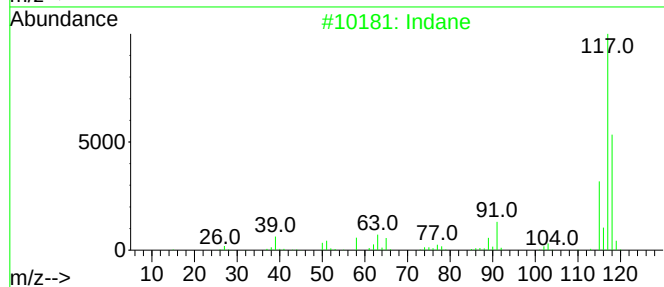
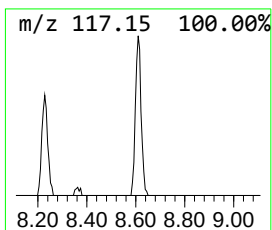
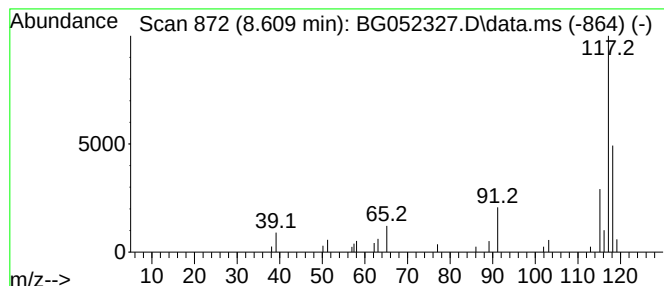
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.609	2.85 ng	30599	1,4-Dichlorobenzene-d4	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	83
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4			Deltacyclene	118	C9H10	007785-10-6	72
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



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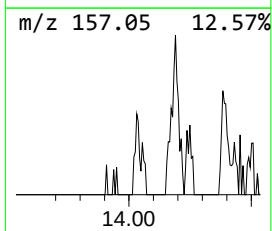
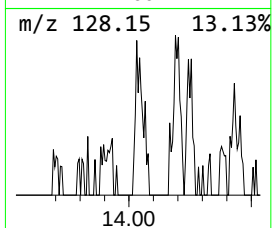
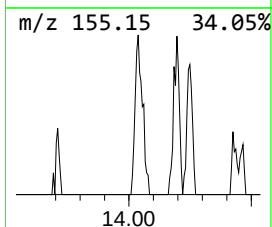
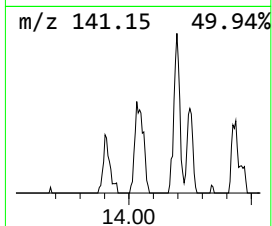
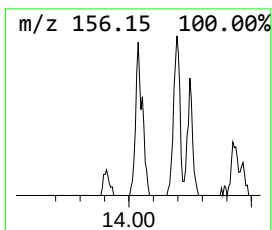
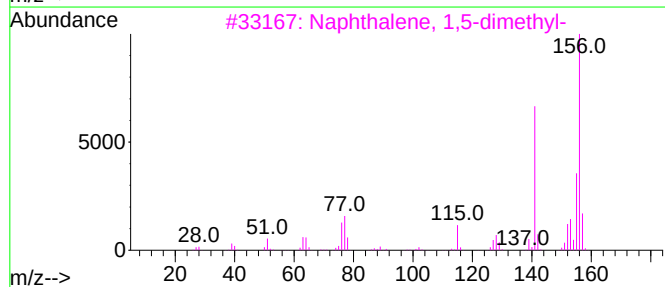
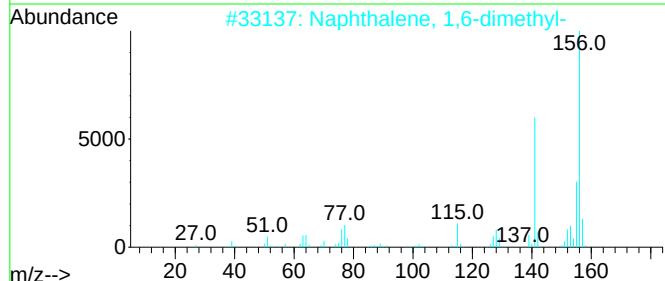
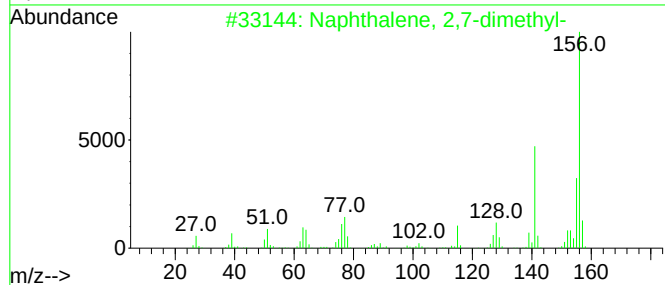
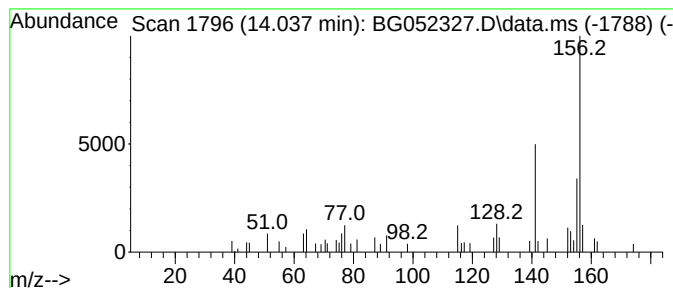
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.037	2.03 ng	46508	Acenaphthene-d10	14.871	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91



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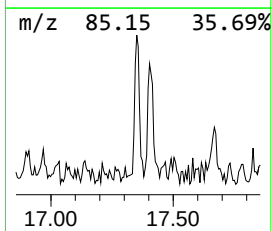
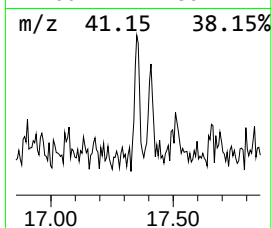
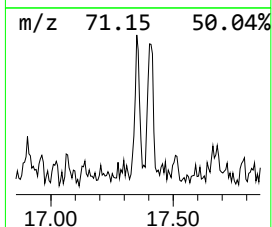
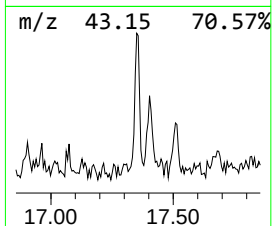
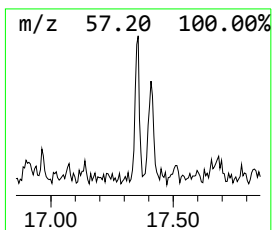
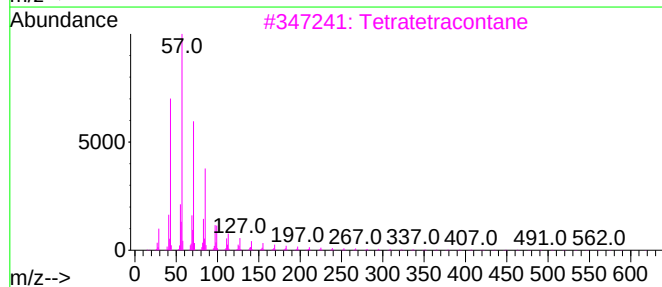
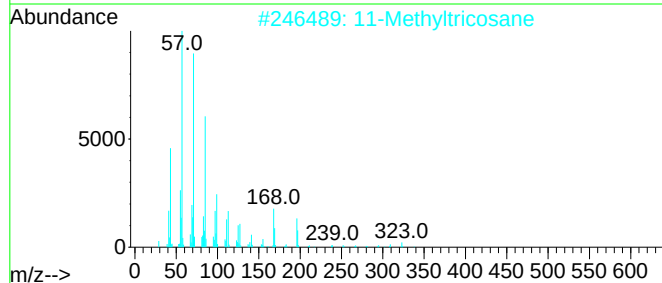
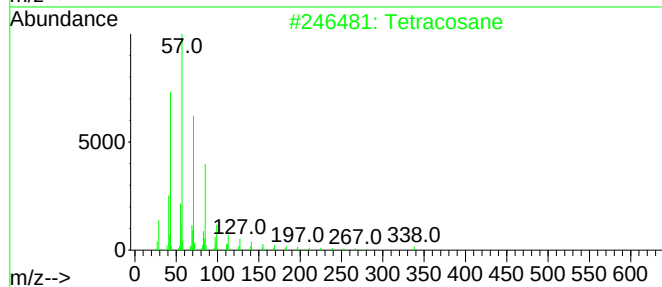
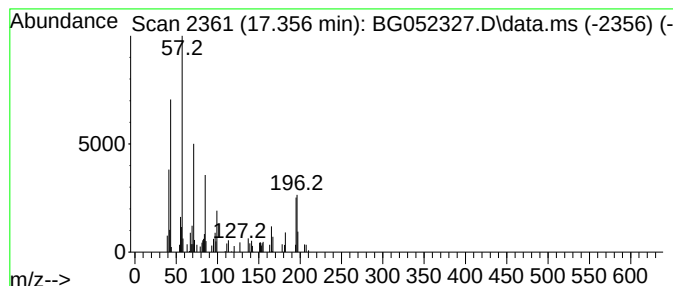
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown17.356 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.356	2.06 ng	51612	Phenanthrene-d10	17.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	49
2			11-Methyltricosane	338	C24H50	027538-41-6	47
3			Tetratetracontane	619	C44H90	007098-22-8	43
4			Nonadecane	268	C19H40	000629-92-5	38
5			Hexatriacontane	507	C36H74	000630-06-8	38



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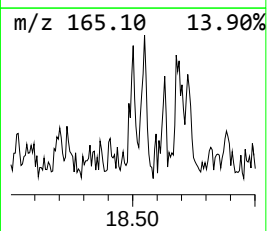
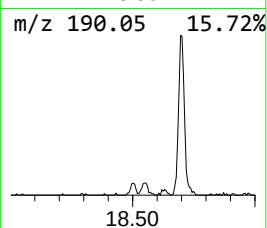
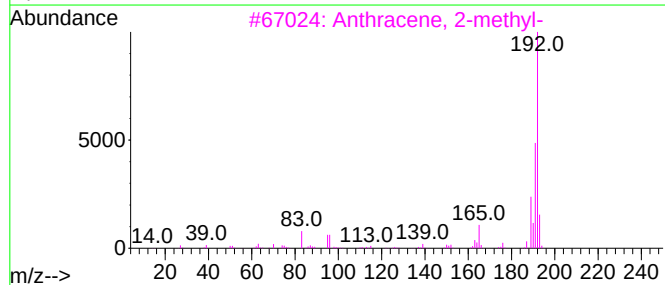
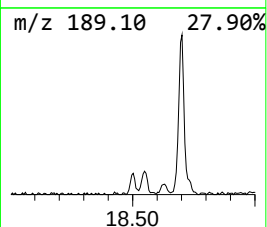
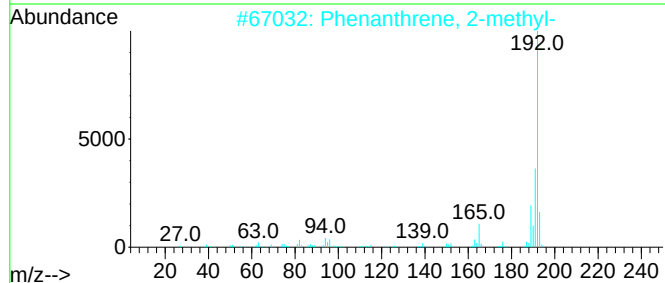
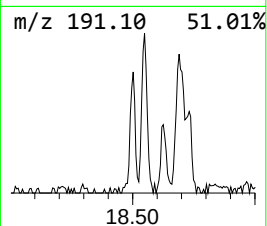
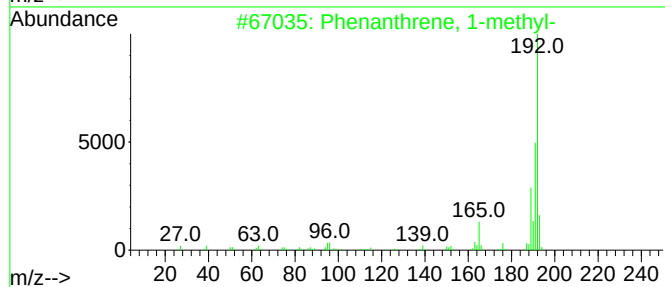
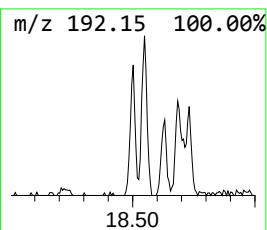
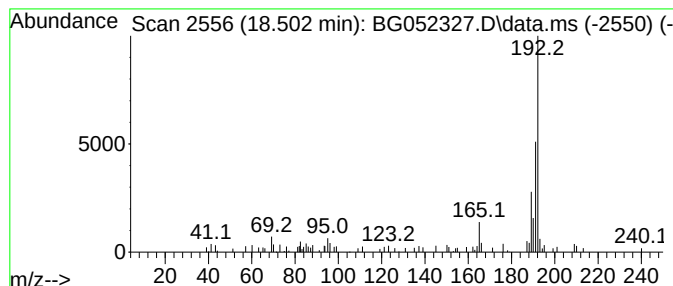
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	2.15 ng	53692	Phenanthrene-d10	17.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-124035

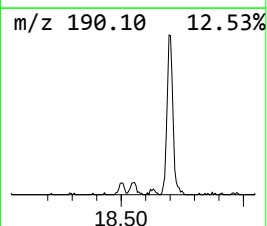
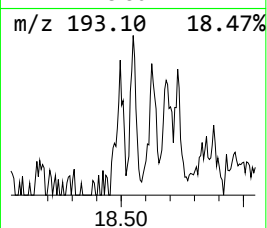
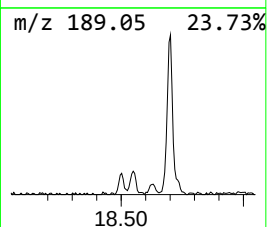
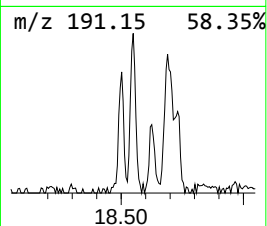
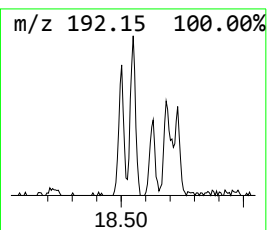
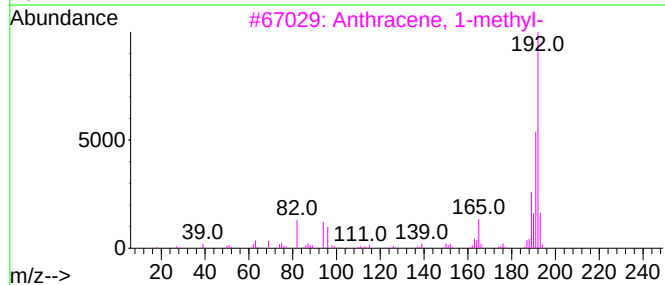
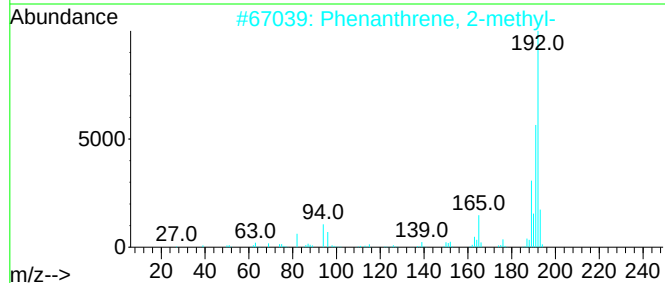
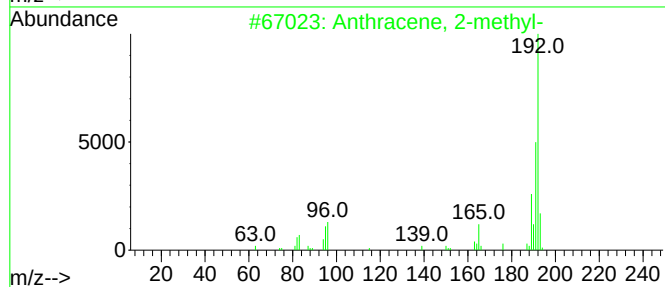
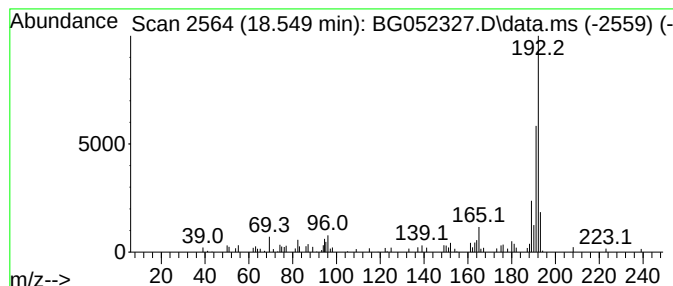
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	2.69 ng	67257	Phenanthrene-d10	17.627

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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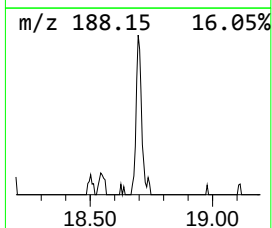
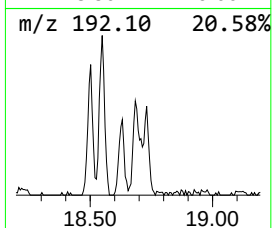
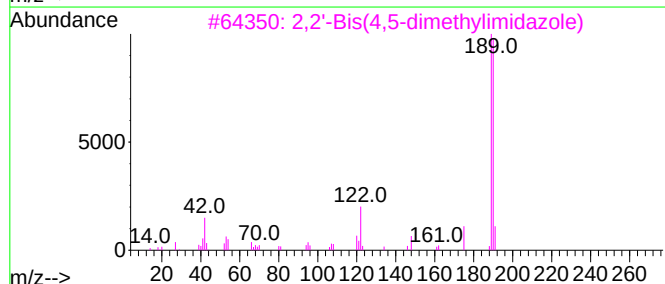
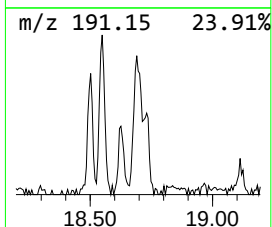
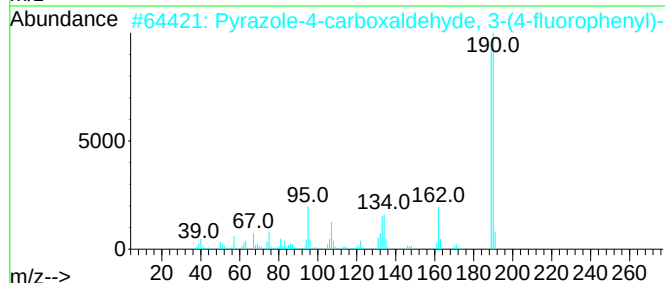
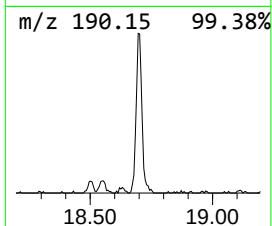
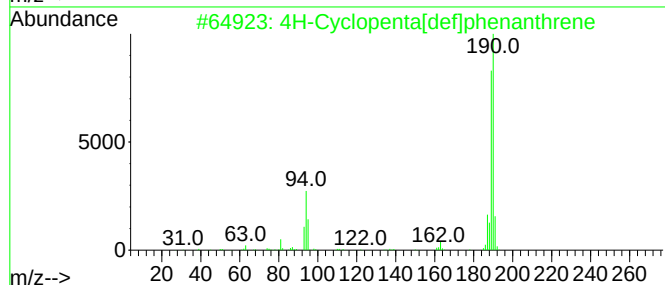
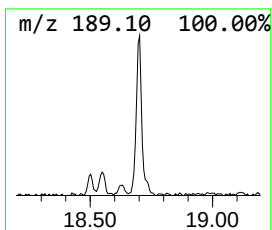
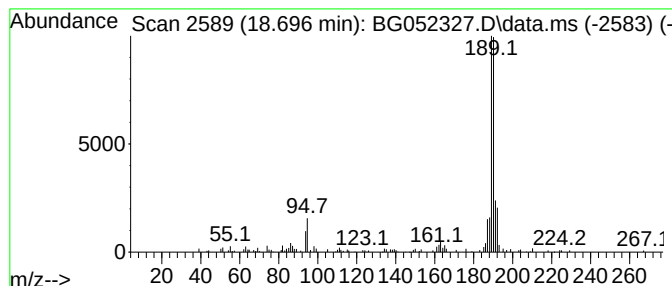
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.696	6.17 ng	154378	Phenanthrene-d10	17.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			Pyrimidine, 6-oxo-4-(4-fluorophe...	190	C10H7FN2O	085979-57-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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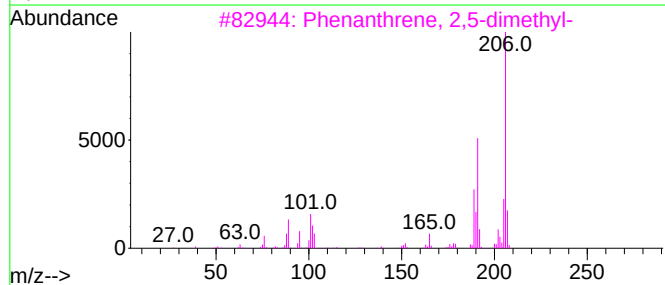
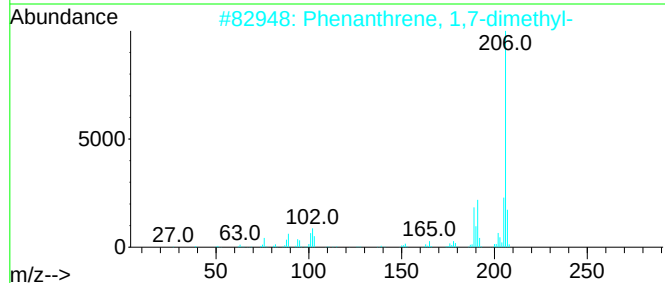
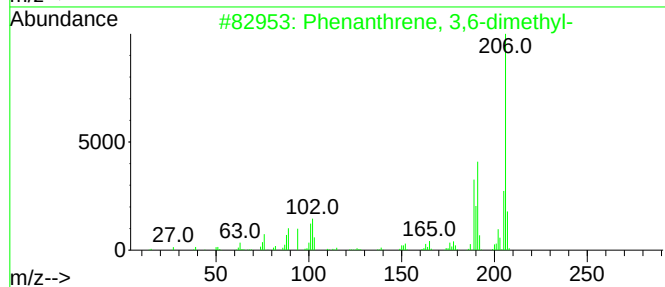
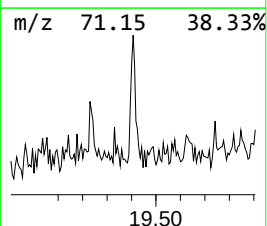
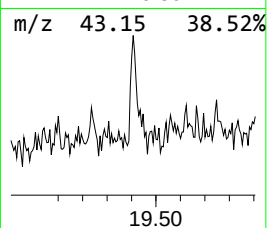
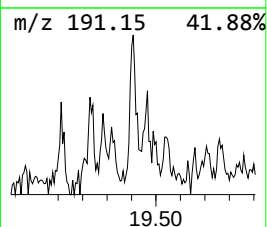
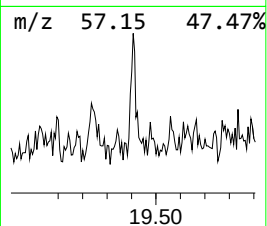
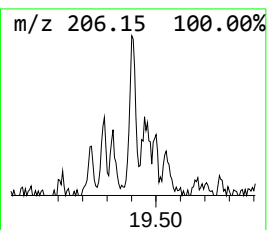
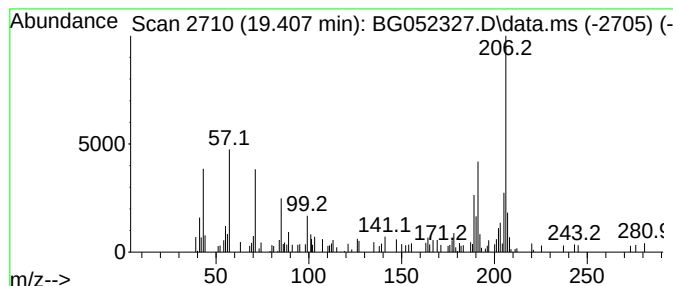
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.407	3.69 ng	92237	Phenanthrene-d10	17.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
4			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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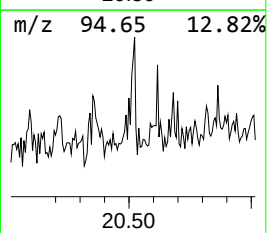
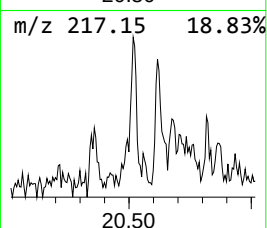
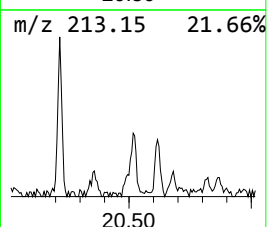
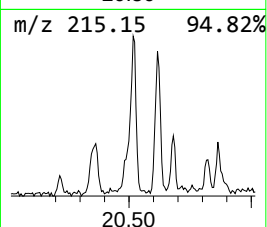
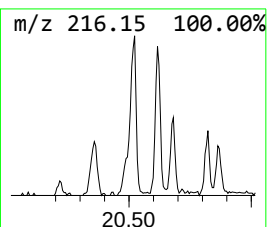
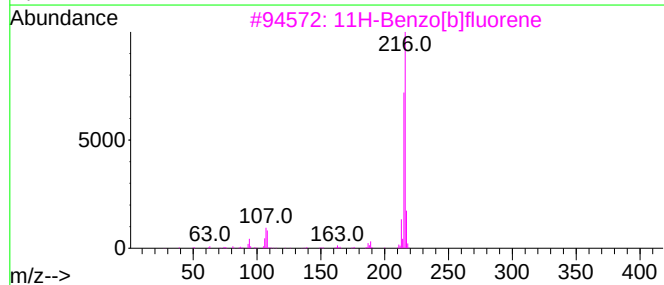
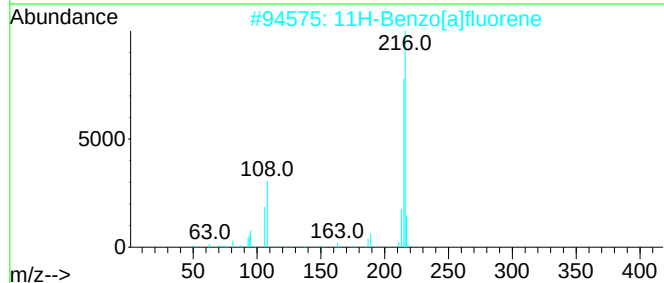
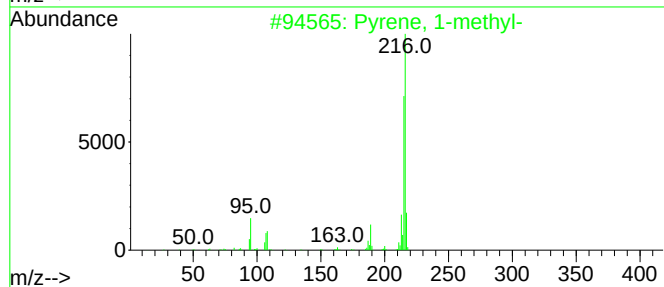
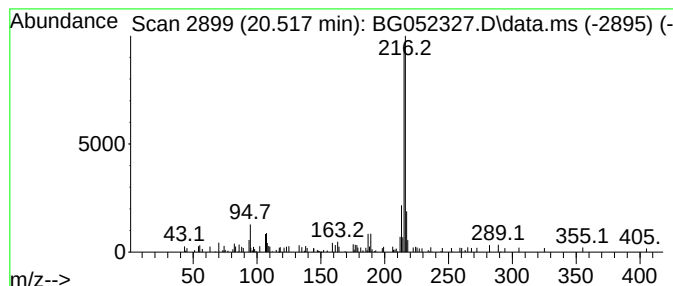
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.517	2.47 ng	74690	Chrysene-d12	21.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
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Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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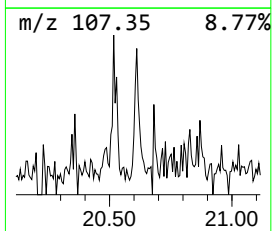
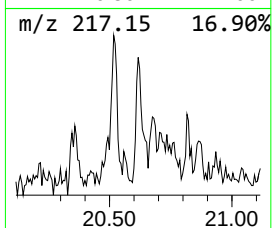
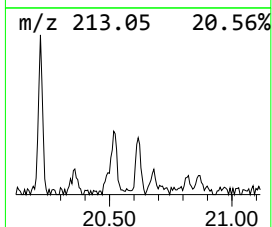
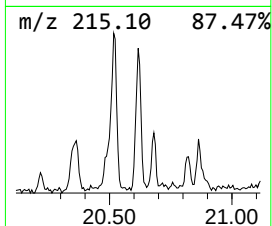
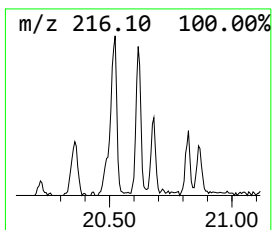
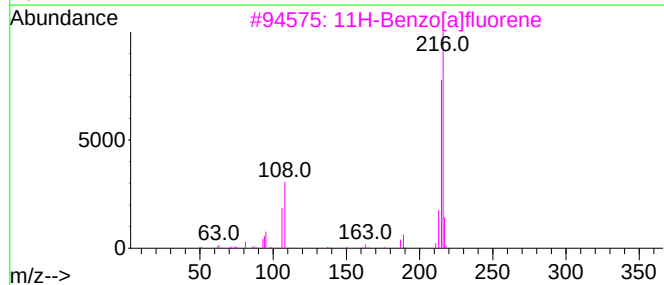
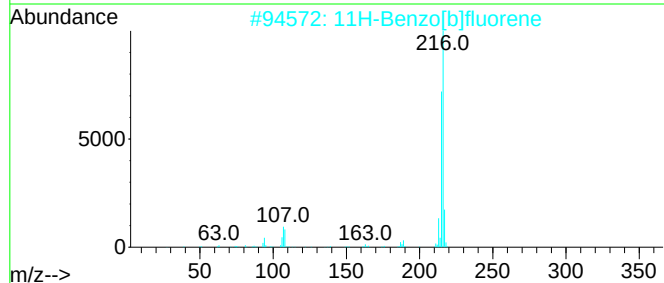
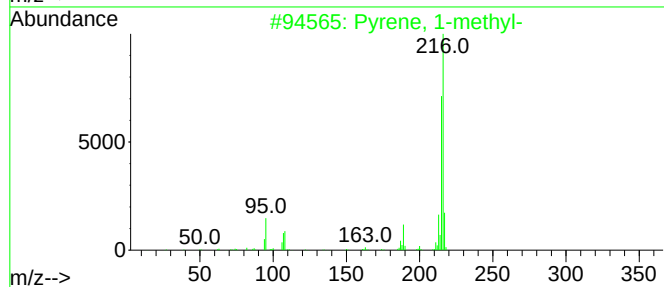
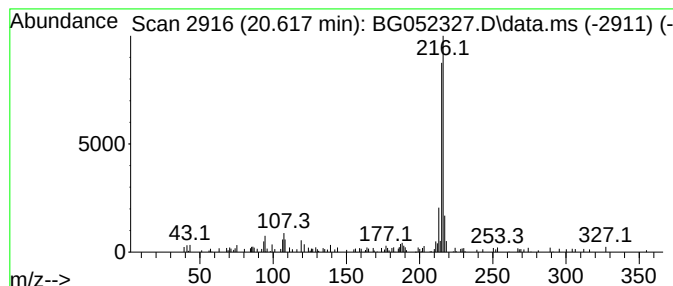
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.617	2.21 ng	66741	Chrysene-d12	21.944

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
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Sample : N1401-01
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ALS Vial : 17 Sample Multiplier: 1

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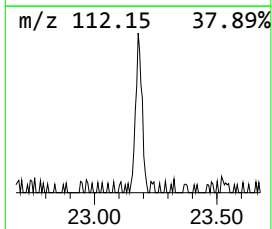
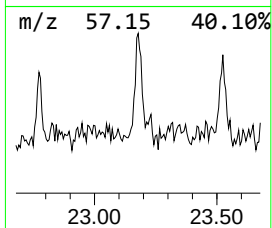
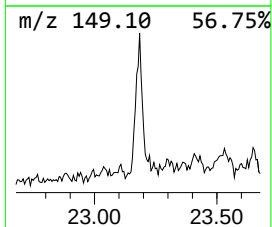
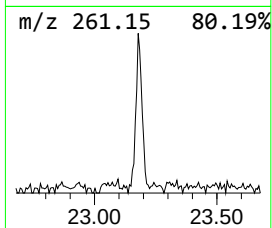
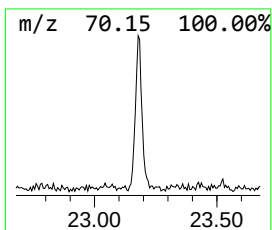
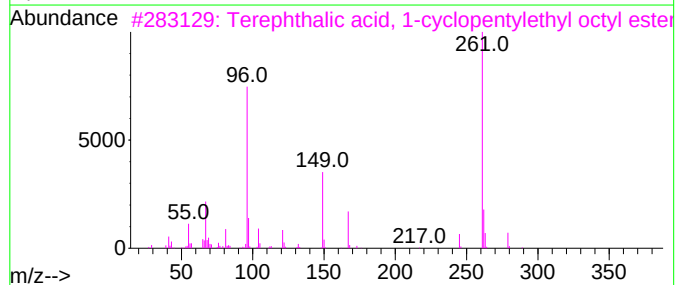
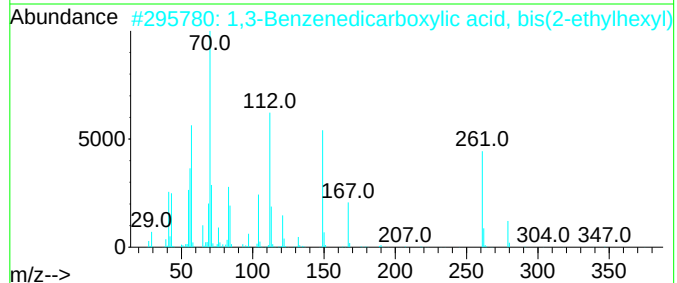
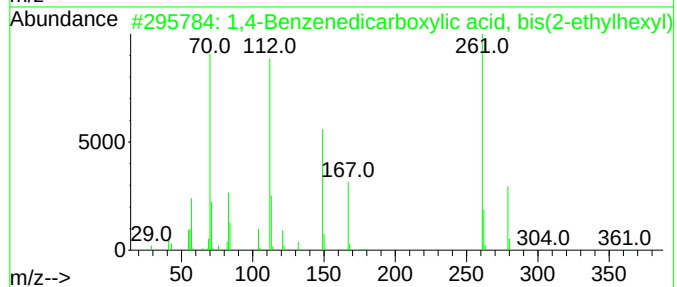
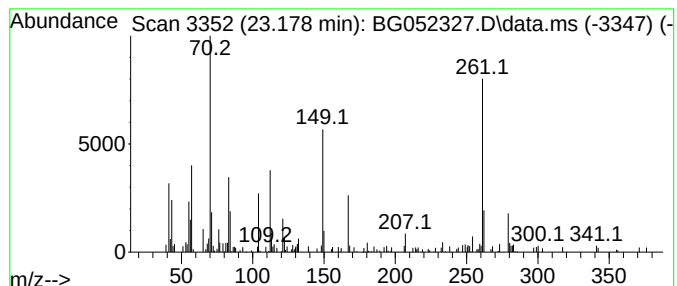
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.178	3.57 ng	107799	Chrysene-d12	21.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
3			Terephthalic acid, 1-cyclopentyl...	374	C23H34O4	1010323-84-1	43
4			Terephthalic acid, hept-3-yl oct...	376	C23H36O4	1000356-64-3	35
5			Isophthalic acid, 4-chlorophenyl...	388	C22H25ClO4	1000344-58-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052327.D
Acq On : 8 Feb 2022 20:06
Operator : CG/JU
Sample : N1401-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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Naphthalene, 2,...	14.037	2.0	ng	46508	3	14.871	459214	20.0
unknown17.356	17.356	2.1	ng	51612	4	17.627	500604	20.0
Phenanthrene, 1...	18.502	2.1	ng	53692	4	17.627	500604	20.0
Anthracene, 2-m...	18.549	2.7	ng	67257	4	17.627	500604	20.0
4H-Cyclopenta[d...	18.696	6.2	ng	154378	4	17.627	500604	20.0
Phenanthrene, 3...	19.407	3.7	ng	92237	4	17.627	500604	20.0
Pyrene, 1-methyl-	20.517	2.5	ng	74690	5	21.944	604130	20.0
11H-Benzo[b]flu...	20.617	2.2	ng	66741	5	21.944	604130	20.0
1,4-Benzenedica...	23.178	3.6	ng	107799	5	21.944	604130	20.0