

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060724.D
 Acq On : 1 Apr 2024 20:56
 Operator : MA/JU
 Sample : P1936-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-032924

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-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.100	14	19	27	rBV2	31892	61356	1.75%	0.202%
2	3.176	27	32	47	rVB	404545	572785	16.29%	1.888%
3	3.681	114	118	125	rBV	55973	76930	2.19%	0.254%
4	5.532	426	433	442	rVB	804763	1255317	35.71%	4.138%
5	7.113	693	702	712	rBV	997306	1681956	47.85%	5.545%
6	7.953	839	845	853	rBV	249702	419489	11.93%	1.383%
7	9.104	1032	1041	1049	rBV	569894	988909	28.13%	3.260%
8	10.526	1277	1283	1290	rBV	152018	235508	6.70%	0.776%
9	10.750	1313	1321	1329	rBV	391664	708806	20.16%	2.337%
10	11.490	1439	1447	1459	rVB3	28410	65377	1.86%	0.216%
11	13.211	1732	1740	1746	rBV	1531476	2376002	67.59%	7.833%
12	14.504	1955	1960	1964	rBV2	26906	35769	1.02%	0.118%
13	14.580	1965	1973	1980	rVV	691632	1095310	31.16%	3.611%
14	14.798	2005	2010	2011	rBV2	31014	39279	1.12%	0.129%
15	14.980	2036	2041	2051	rVB5	18994	49293	1.40%	0.163%
16	15.456	2118	2122	2127	rVB	46938	62220	1.77%	0.205%
17	15.626	2146	2151	2156	rBV	35603	50953	1.45%	0.168%
18	15.867	2185	2192	2197	rBV2	26860	52280	1.49%	0.172%
19	16.067	2219	2226	2236	rVB	1321448	1971581	56.08%	6.500%
20	16.319	2265	2269	2272	rBV	55139	77149	2.19%	0.254%
21	16.349	2272	2274	2281	rVB3	45541	63355	1.80%	0.209%
22	16.977	2376	2381	2387	rVB3	21450	39117	1.11%	0.129%
23	17.119	2401	2405	2408	rBV	59298	76866	2.19%	0.253%
24	17.171	2411	2414	2419	rVB	33811	52323	1.49%	0.172%
25	17.330	2434	2441	2444	rBV	821956	1276748	36.32%	4.209%
26	17.371	2444	2448	2454	rVB	452338	661798	18.83%	2.182%
27	17.459	2459	2463	2468	rVB	53497	81154	2.31%	0.268%
28	17.724	2502	2508	2513	rBV	35373	60225	1.71%	0.199%
29	17.859	2527	2531	2536	rBV2	61985	78435	2.23%	0.259%
30	17.906	2536	2539	2544	rVB7	29776	39537	1.12%	0.130%
31	18.205	2586	2590	2593	rBV	84399	120176	3.42%	0.396%
32	18.247	2593	2597	2605	rVB2	291310	464119	13.20%	1.530%
33	18.399	2617	2623	2627	rBV2	104874	192838	5.49%	0.636%
34	18.441	2627	2630	2637	rVB2	51930	74114	2.11%	0.244%
35	18.552	2645	2649	2653	rVB	47013	53663	1.53%	0.177%
36	18.605	2655	2658	2667	rVB	41584	87596	2.49%	0.289%

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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37	18.705	2672	2675	2677	rVV	50378	67011	1.91%	0.221%
38	18.734	2677	2680	2690	rVB	86469	136449	3.88%	0.450%
39	19.005	2722	2726	2730	rBV4	39405	60966	1.73%	0.201%
40	19.122	2738	2746	2751	rBV3	58612	140826	4.01%	0.464%
41	19.181	2752	2756	2760	rVV2	61901	83099	2.36%	0.274%
42	19.334	2777	2782	2784	rBV6	20387	37585	1.07%	0.124%
43	19.381	2785	2790	2796	rVV	862927	1240342	35.28%	4.089%
44	19.486	2805	2808	2810	rBV4	28893	37329	1.06%	0.123%
45	19.533	2810	2816	2821	rVB4	190205	365566	10.40%	1.205%
46	19.704	2840	2845	2847	rVV3	237420	403277	11.47%	1.329%
47	19.739	2847	2851	2862	rVB	752063	1307774	37.20%	4.311%
48	19.956	2879	2888	2897	rVB	2540772	3515374	100.00%	11.589%
49	20.080	2902	2909	2912	rBV3	50022	115292	3.28%	0.380%
50	20.203	2926	2930	2932	rBV4	39839	56516	1.61%	0.186%
51	20.238	2932	2936	2941	rVB	116243	174988	4.98%	0.577%
52	20.297	2942	2946	2949	rVV	57396	64416	1.83%	0.212%
53	20.338	2949	2953	2959	rVV2	76807	119349	3.40%	0.393%
54	20.397	2959	2963	2968	rVV2	72815	110057	3.13%	0.363%
55	20.462	2971	2974	2979	rVB7	27252	49122	1.40%	0.162%
56	20.532	2984	2986	2990	rVV	38942	41744	1.19%	0.138%
57	20.579	2992	2994	2999	rVB	35615	38097	1.08%	0.126%
58	20.791	3027	3030	3033	rBV	59921	61603	1.75%	0.203%
59	20.990	3061	3064	3071	rVB2	63964	102434	2.91%	0.338%
60	21.178	3089	3096	3099	rBV2	60991	123720	3.52%	0.408%
61	21.220	3101	3103	3106	rVV	55271	61754	1.76%	0.204%
62	21.278	3106	3113	3127	rVB6	181221	527225	15.00%	1.738%
63	21.590	3158	3166	3171	rBV2	941994	2021388	57.50%	6.664%
64	21.637	3171	3174	3184	rVB	322796	505918	14.39%	1.668%
65	21.784	3195	3199	3203	rBV4	44770	70700	2.01%	0.233%
66	21.842	3205	3209	3214	rBV2	77848	123602	3.52%	0.407%
67	22.377	3298	3300	3308	rVB4	54514	86439	2.46%	0.285%
68	22.453	3309	3313	3320	rBV3	99213	189788	5.40%	0.626%
69	23.335	3458	3463	3469	rVB2	67042	121036	3.44%	0.399%
70	23.740	3525	3532	3539	rBV	197568	616692	17.54%	2.033%
71	24.433	3644	3650	3661	rVB	127269	361599	10.29%	1.192%
72	24.574	3667	3674	3684	rVB	171198	451984	12.86%	1.490%
73	24.727	3691	3700	3709	rBV	519088	1443655	41.07%	4.759%

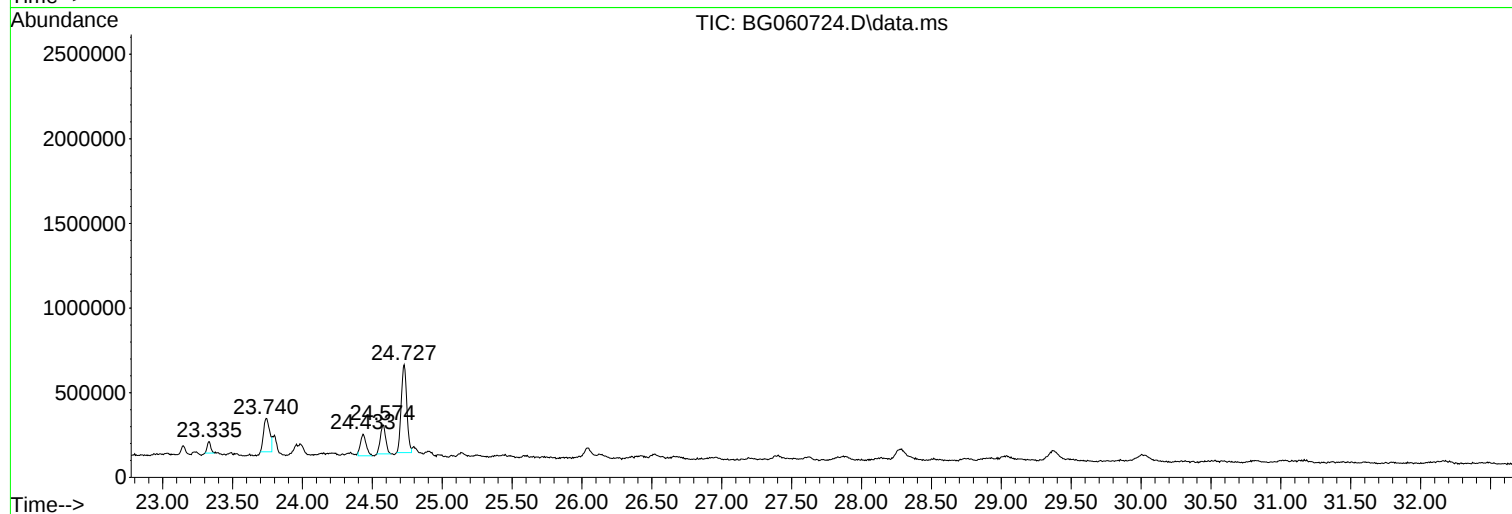
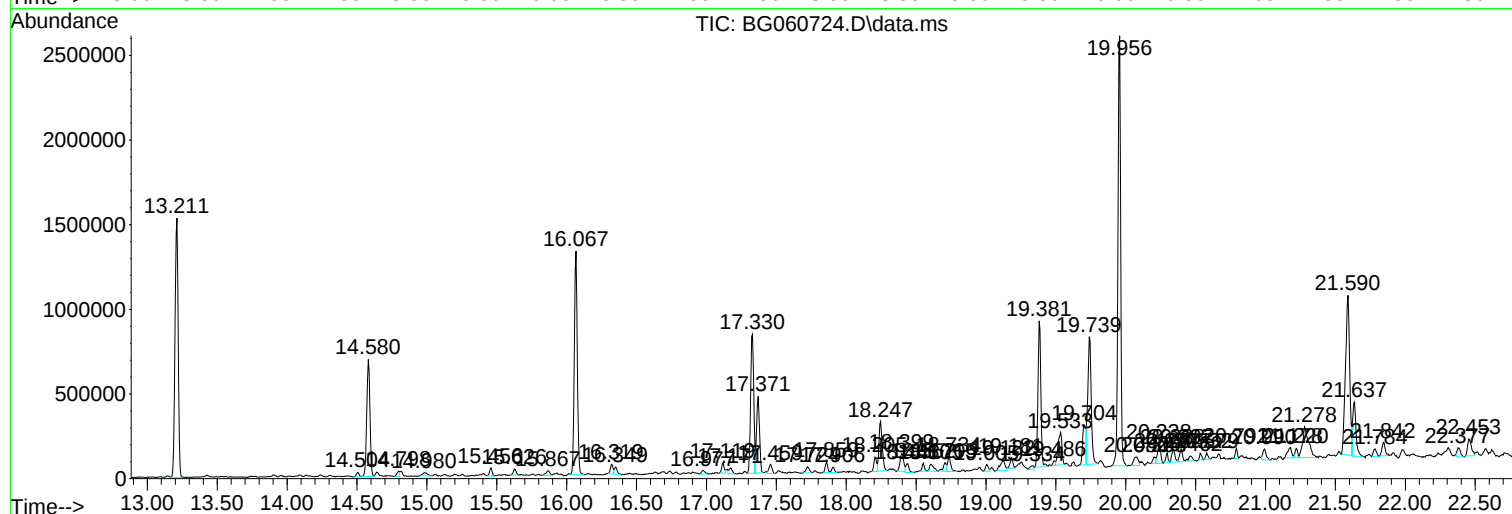
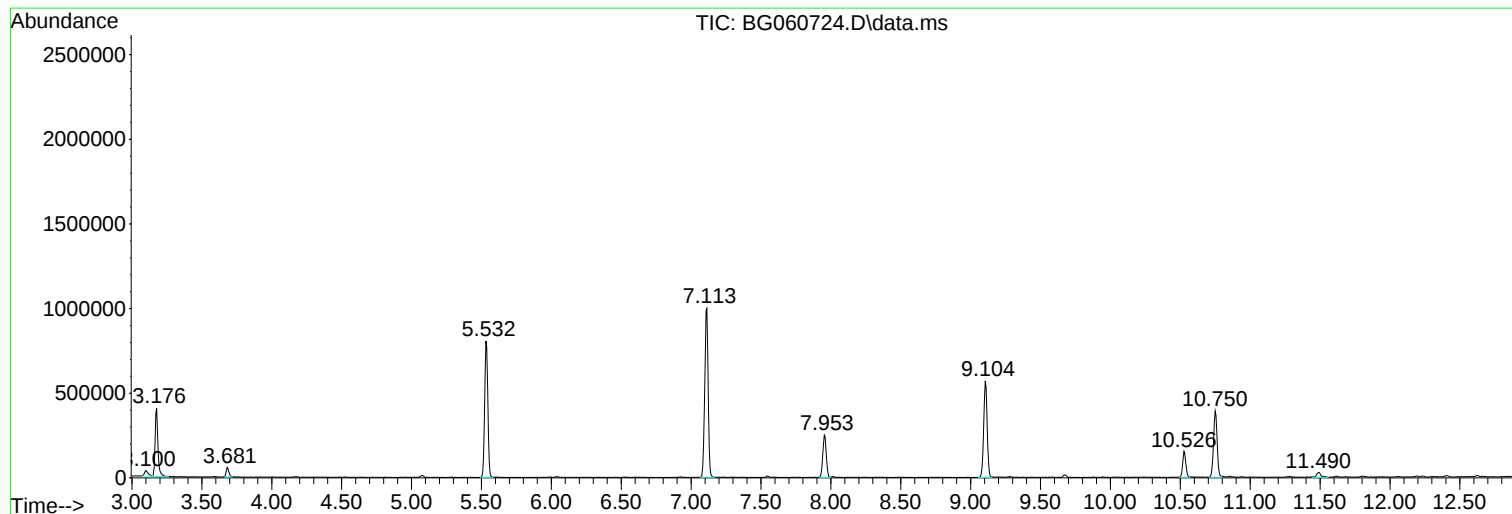
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Instrument :
BNA_G
ClientSampleId :
TR-04-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-032924

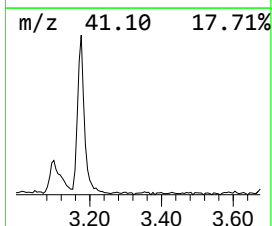
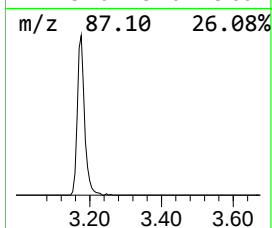
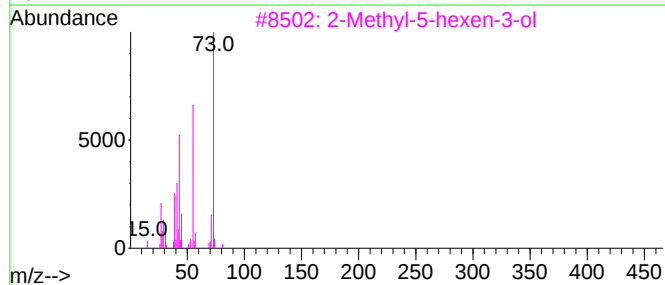
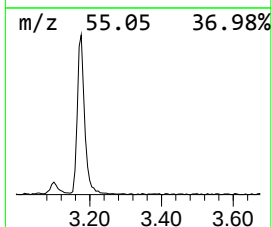
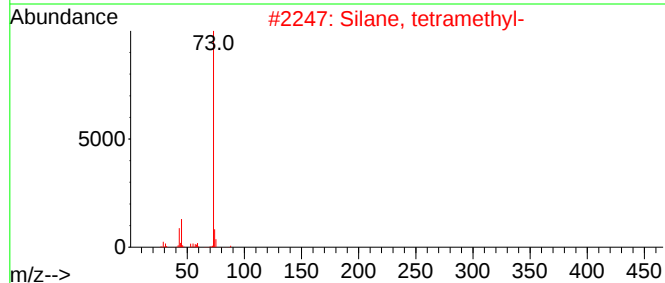
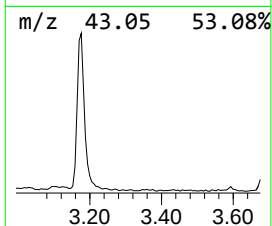
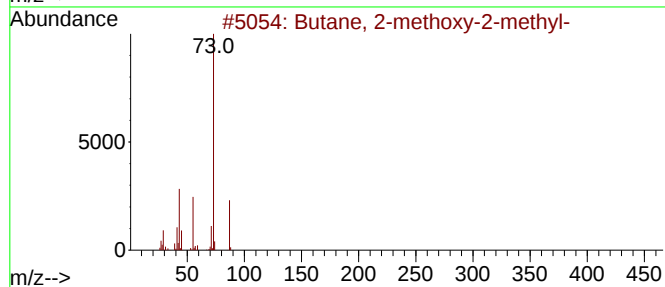
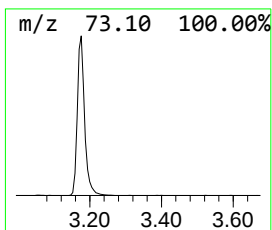
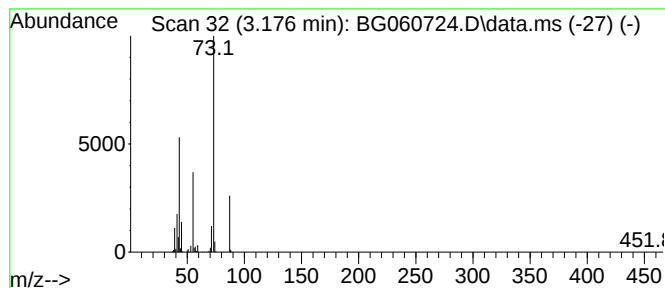
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	27.31 ng	572785	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9



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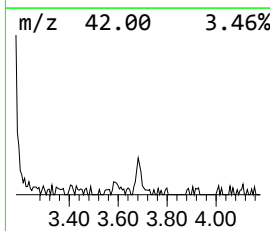
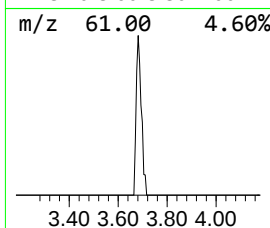
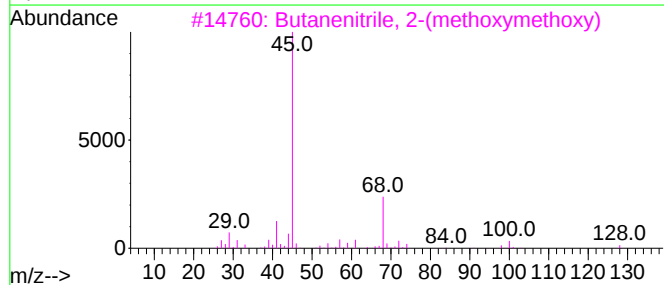
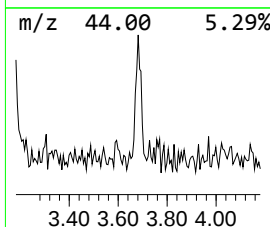
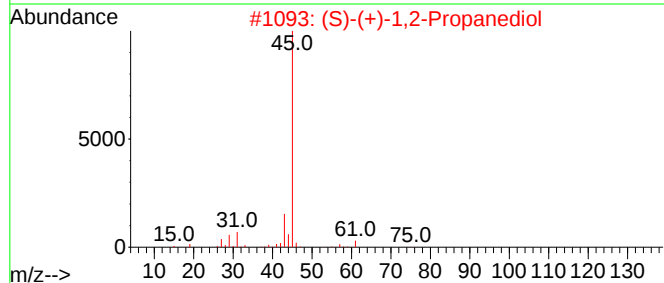
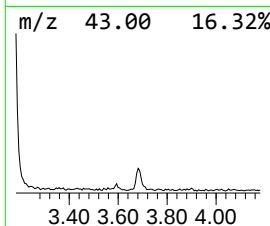
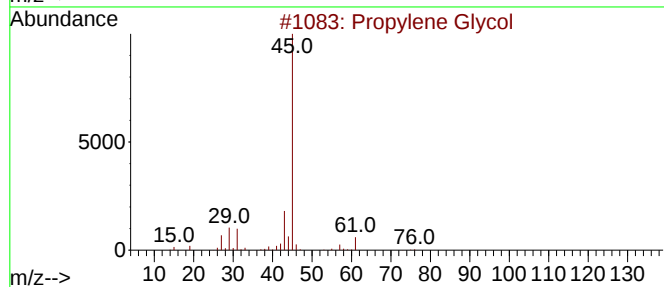
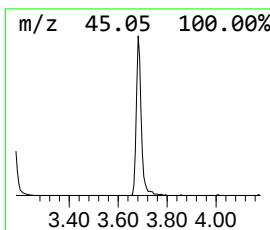
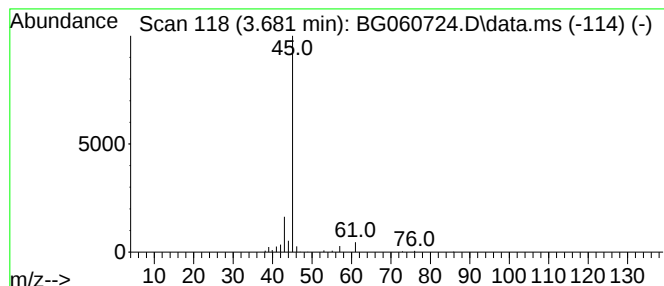
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.681	3.67 ng	76930	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	78
2			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3			Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	40
4			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	37
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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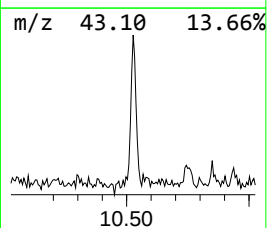
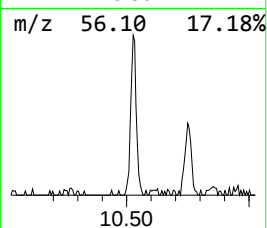
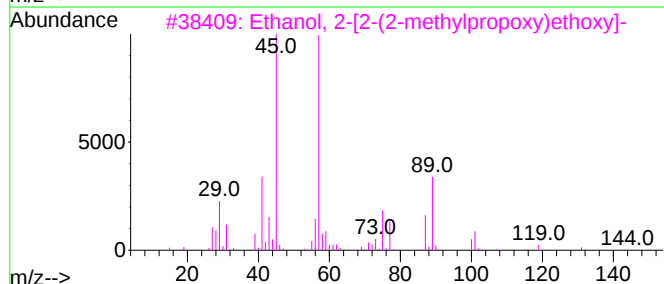
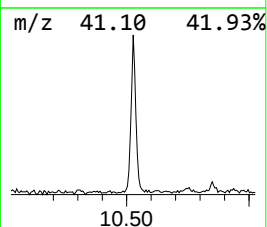
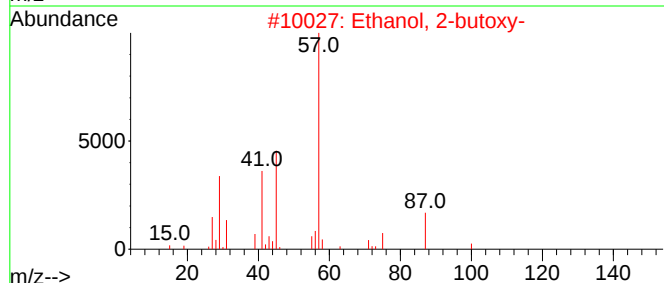
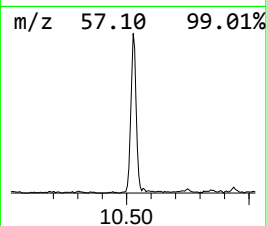
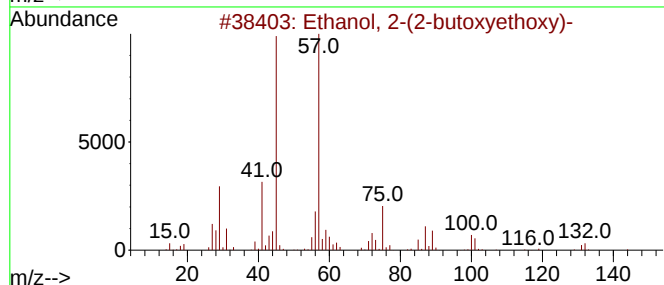
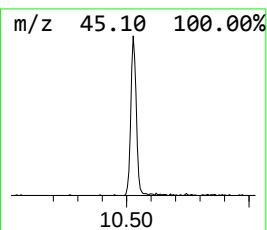
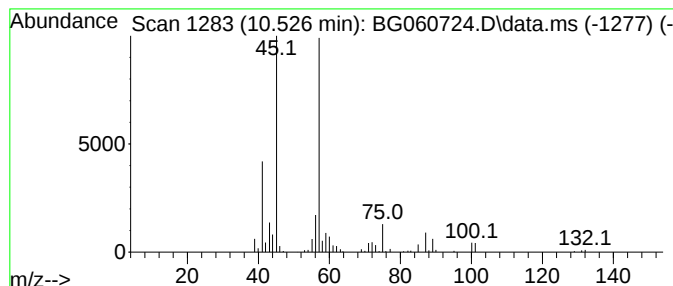
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.526	6.65 ng	235508	Naphthalene-d8	10.749

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
3			Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	50
4			1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47
5			2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	47



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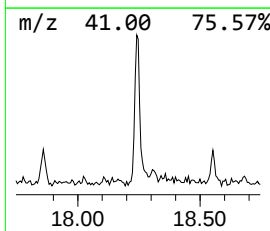
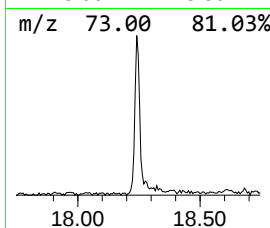
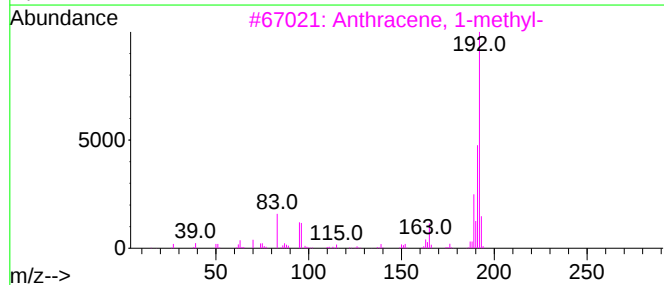
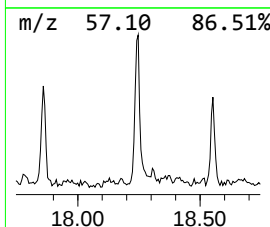
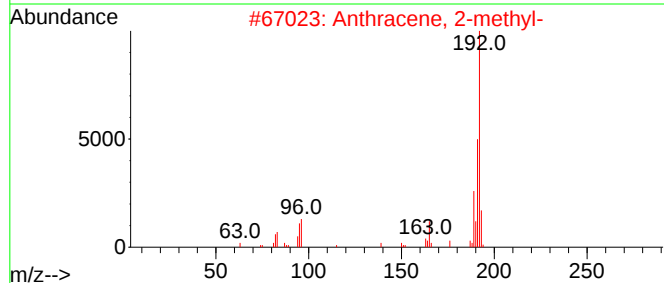
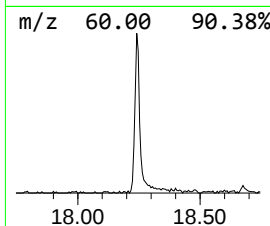
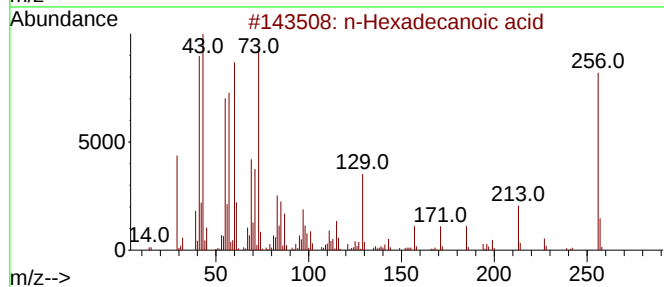
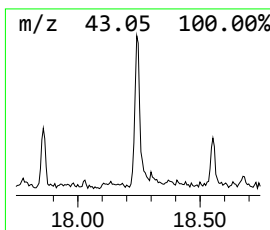
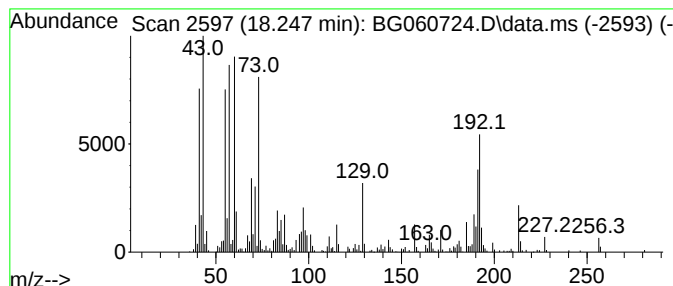
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	7.27 ng	464119	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-032924

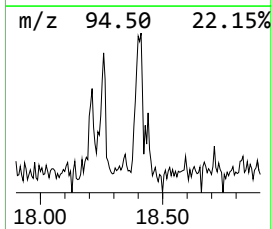
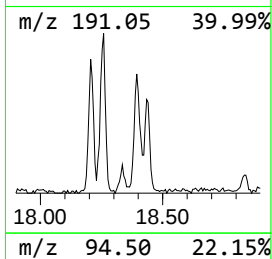
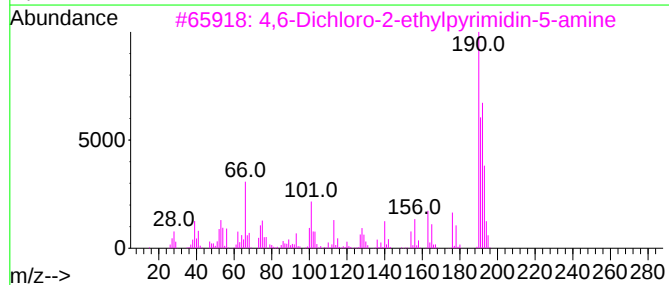
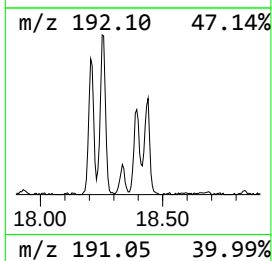
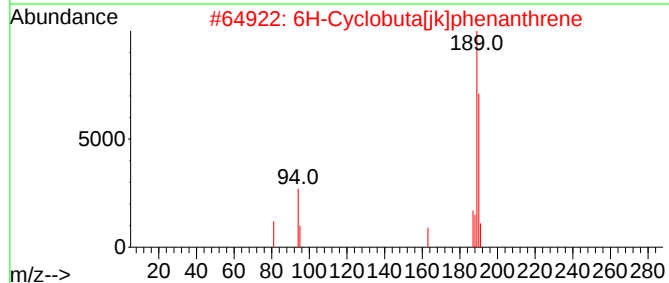
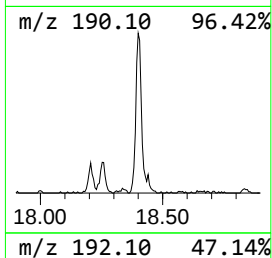
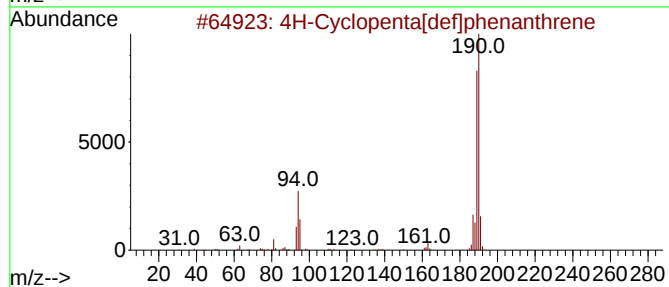
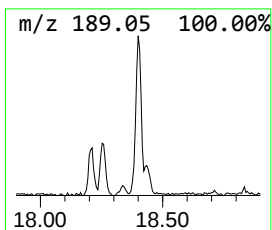
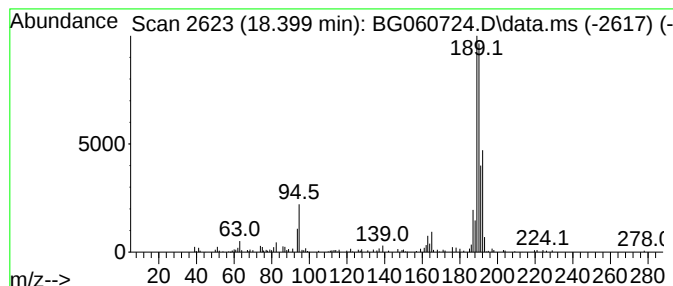
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.399	3.02 ng	192838	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-032924

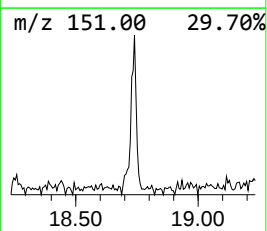
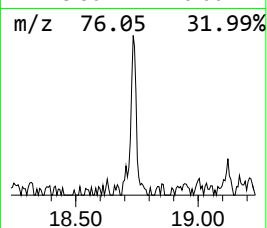
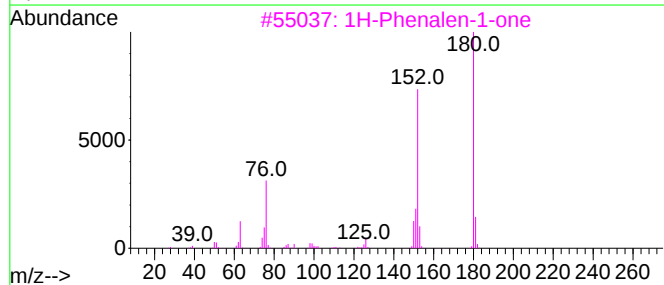
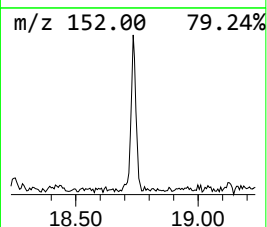
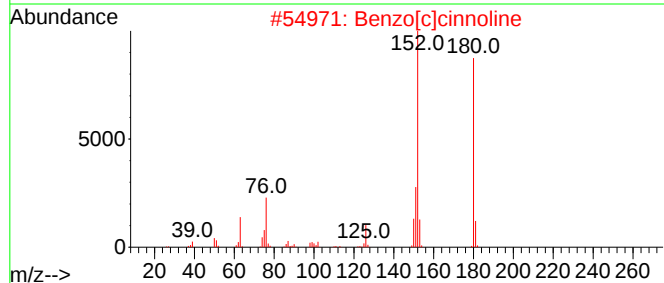
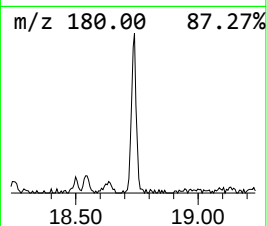
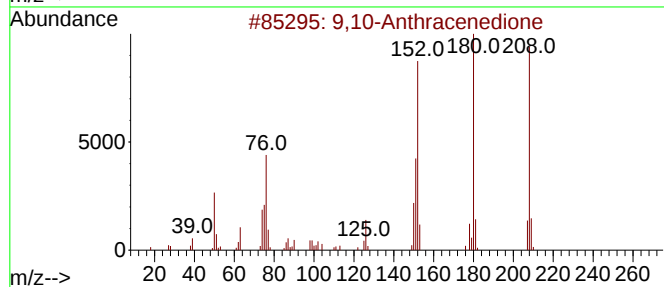
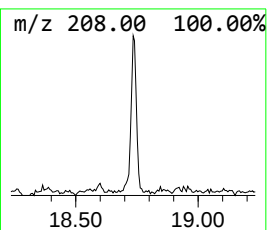
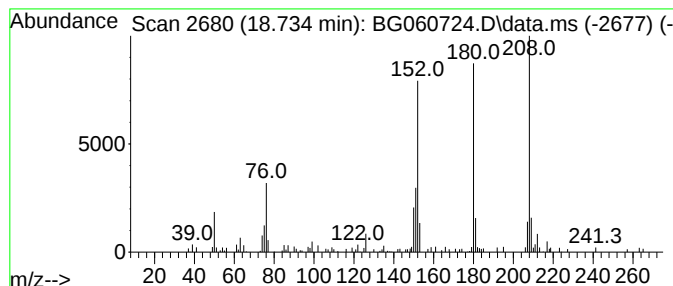
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.734	2.14 ng	136449	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one			180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	58
5	Naphthalene, 1,2,3,4-tetrahydro-...			208	C16H16	003018-20-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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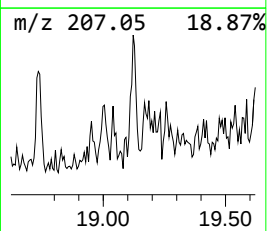
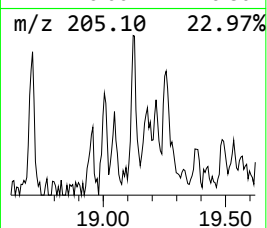
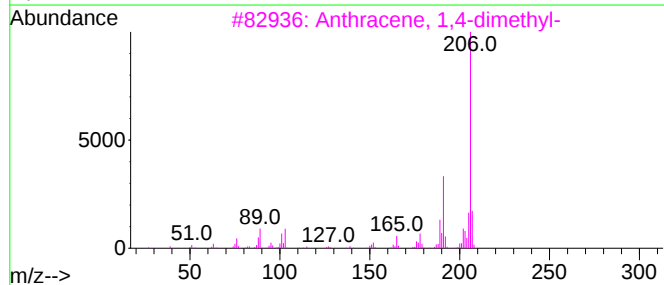
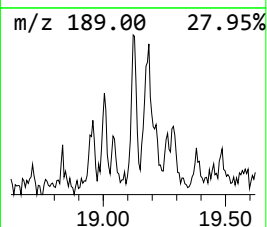
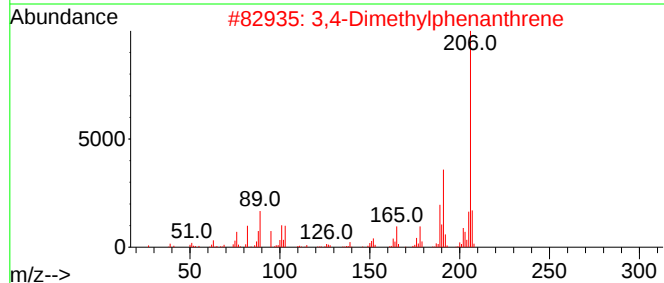
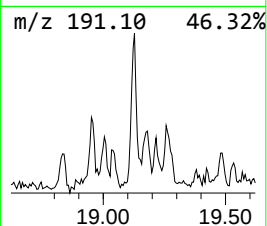
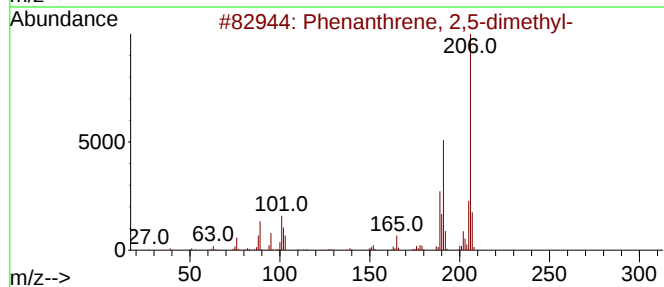
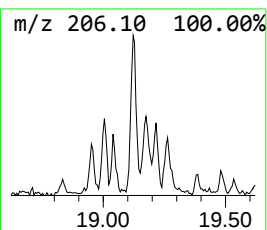
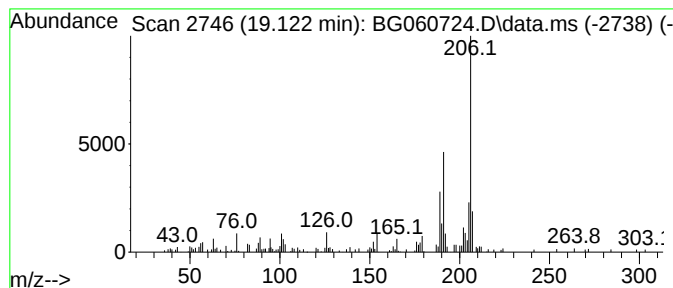
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	2.21 ng	140826	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-032924

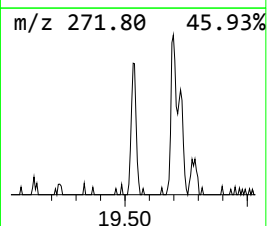
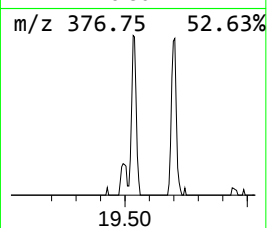
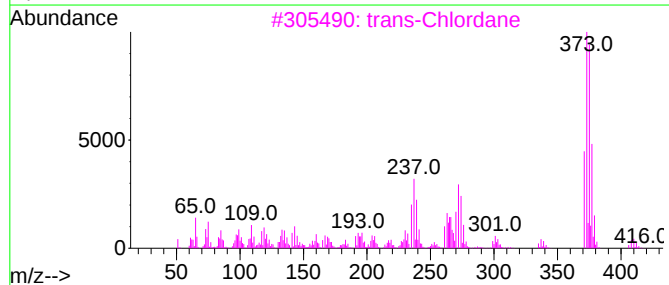
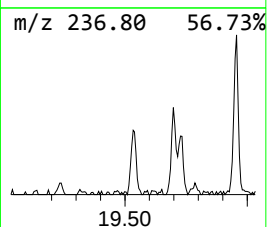
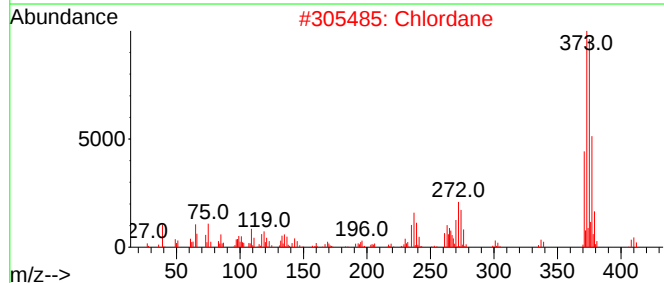
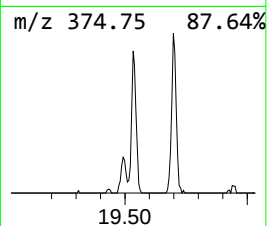
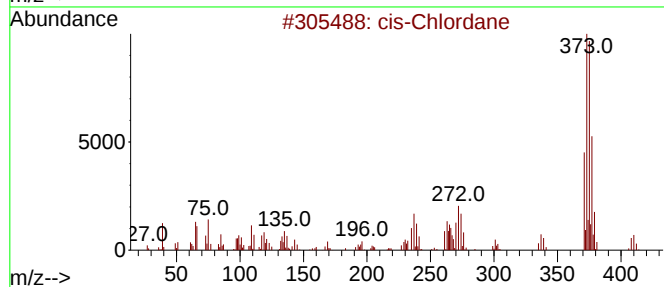
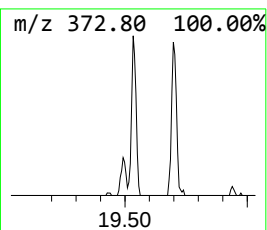
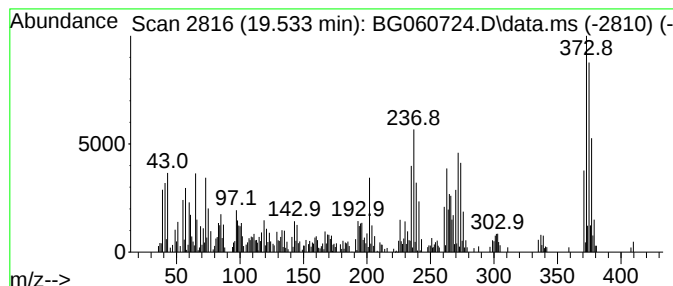
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 cis-Chlordane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	3.62 ng	365566	Chrysene-d12	21.590

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Chlordane	406	C10H6Cl8	005103-71-9	94
2			Chlordane	406	C10H6Cl8	000057-74-9	94
3			trans-Chlordane	406	C10H6Cl8	005103-74-2	91
4			4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	64
5			4-tert-Butylcatechol, bis(chloro...	390	C14H12Cl2F4O4	1000447-47-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

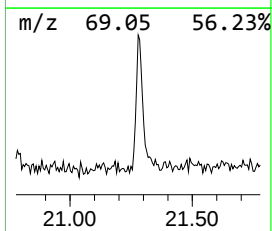
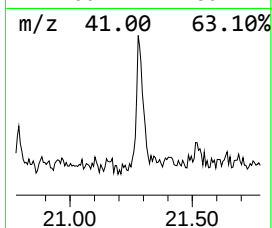
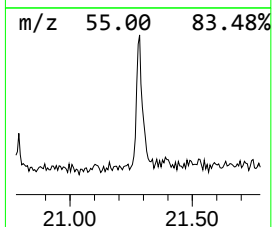
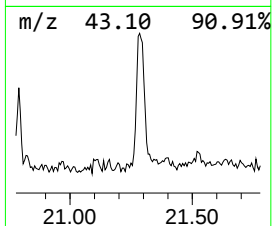
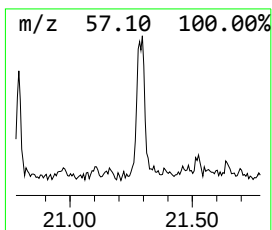
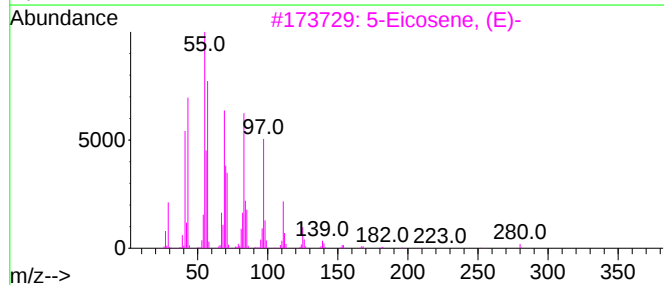
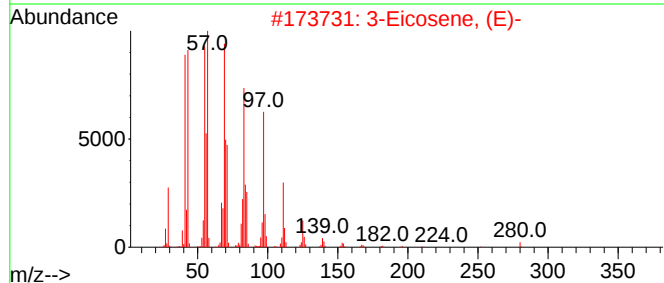
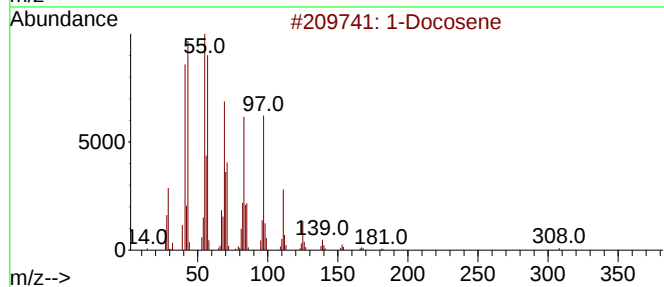
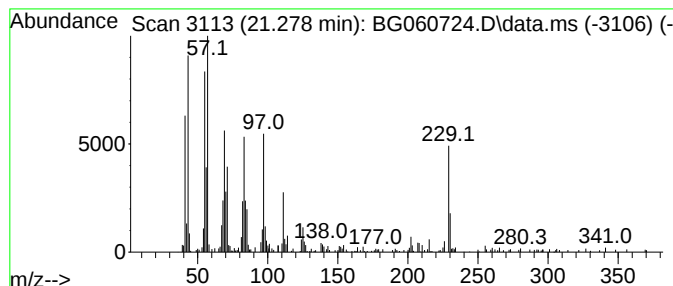
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.278	5.22 ng	527225	Chrysene-d12	21.590	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
5	1-Tricosene	322	C23H46	018835-32-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-032924

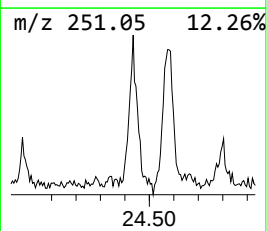
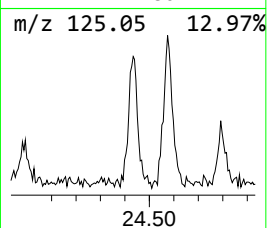
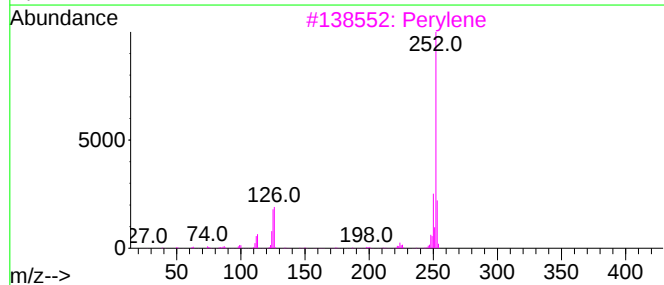
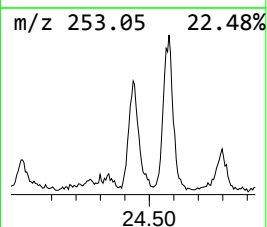
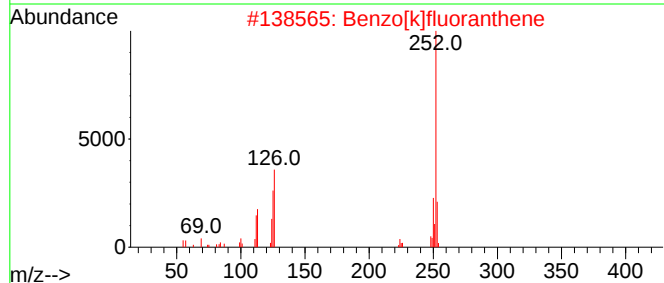
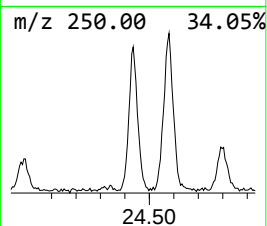
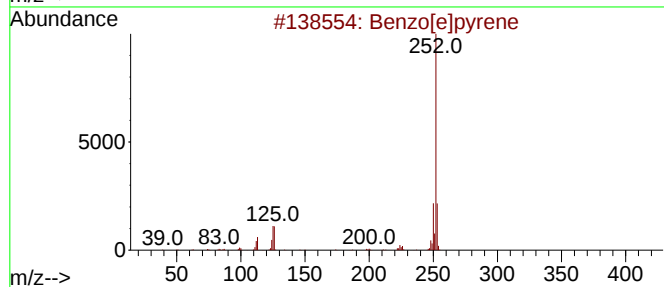
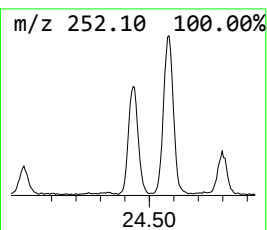
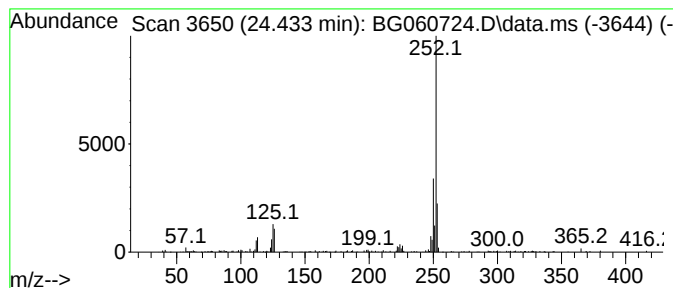
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.433	5.01 ng	361599	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060724.D
Acq On : 1 Apr 2024 20:56
Operator : MA/JU
Sample : P1936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Propylene Glycol	3.681	3.7	ng	76930	1	7.953	419489	20.0
Ethanol, 2-(2-b...	10.526	6.7	ng	235508	2	10.749	708806	20.0
n-Hexadecanoic ...	18.247	7.3	ng	464119	4	17.330	1276750	20.0
4H-Cyclopenta[d...	18.399	3.0	ng	192838	4	17.330	1276750	20.0
9,10-Anthracene...	18.734	2.1	ng	136449	4	17.330	1276750	20.0
Phenanthrene, 2...	19.122	2.2	ng	140826	4	17.330	1276750	20.0
cis-Chlordane	19.533	3.6	ng	365566	5	21.590	2021390	20.0
1-Docosene	21.278	5.2	ng	527225	5	21.590	2021390	20.0
Benzo[e]pyrene	24.433	5.0	ng	361599	6	24.727	1443660	20.0