

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064711.D
 Acq On : 6 Nov 2025 20:33
 Operator : RC/JU
 Sample : Q3534-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

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-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.191	7	17	23	rBV4	59729	182200	5.26%	0.781%
2	3.262	23	29	38	rVV	1463767	2622964	75.66%	11.239%
3	3.332	38	41	58	rVB2	63403	160422	4.63%	0.687%
4	3.567	75	81	88	rBV	29939	48768	1.41%	0.209%
5	5.477	396	406	416	rBV	183320	315105	9.09%	1.350%
6	5.583	418	424	432	rBV	47969	79852	2.30%	0.342%
7	5.659	432	437	443	rBV	34938	61101	1.76%	0.262%
8	5.730	443	449	460	rVV	300008	522339	15.07%	2.238%
9	7.339	715	723	735	rBV	189175	373137	10.76%	1.599%
10	8.197	862	869	883	rBV2	111489	238694	6.88%	1.023%
11	9.202	1031	1040	1050	rBV6	22464	67260	1.94%	0.288%
12	9.361	1060	1067	1081	rVB	379376	732764	21.14%	3.140%
13	9.654	1111	1117	1124	rBV2	38322	71382	2.06%	0.306%
14	9.725	1124	1129	1136	rVB5	26523	53933	1.56%	0.231%
15	9.872	1136	1154	1160	rBV2	223232	769588	22.20%	3.297%
16	10.430	1238	1249	1255	rBV10	17631	50452	1.46%	0.216%
17	10.547	1264	1269	1277	rVB7	28262	71850	2.07%	0.308%
18	11.023	1343	1350	1360	rVB	141916	265958	7.67%	1.140%
19	11.135	1360	1369	1373	rBV6	20796	44119	1.27%	0.189%
20	11.182	1373	1377	1384	rVB4	30662	63603	1.83%	0.273%
21	11.258	1384	1390	1398	rBV5	24388	54394	1.57%	0.233%
22	11.417	1412	1417	1425	rBV5	20400	47011	1.36%	0.201%
23	11.799	1474	1482	1488	rBV10	19949	49173	1.42%	0.211%
24	12.339	1566	1574	1579	rBV	374203	632362	18.24%	2.709%
25	12.410	1579	1586	1596	rVB3	166722	409407	11.81%	1.754%
26	12.886	1659	1667	1673	rBV6	28862	76534	2.21%	0.328%
27	13.450	1756	1763	1771	rBV	1164209	1815142	52.36%	7.777%
28	13.661	1795	1799	1805	rVV6	17692	37576	1.08%	0.161%
29	13.861	1828	1833	1843	rVB8	33971	66956	1.93%	0.287%
30	14.073	1865	1869	1873	rVB	33808	44357	1.28%	0.190%
31	14.290	1901	1906	1916	rBV3	77247	294660	8.50%	1.263%
32	14.625	1957	1963	1973	rVB	141697	262850	7.58%	1.126%
33	14.819	1990	1996	2003	rVB	264423	448448	12.94%	1.921%
34	14.884	2004	2007	2013	rVB2	25090	35749	1.03%	0.153%
35	15.547	2115	2120	2124	rBV	67365	92906	2.68%	0.398%
36	15.606	2125	2130	2135	rVB4	31302	49876	1.44%	0.214%

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37	15.871	2170	2175	2182	rVB4	46107	93819	2.71%	0.402%
38	16.012	2195	2199	2203	rBV	85798	124628	3.59%	0.534%
39	16.059	2203	2207	2214	rVB	197416	285521	8.24%	1.223%
40	16.164	2218	2225	2233	rVB5	45428	106811	3.08%	0.458%
41	16.300	2241	2248	2262	rBV2	1330634	2232791	64.40%	9.567%
42	16.493	2270	2281	2287	rBV	400081	850948	24.54%	3.646%
43	16.728	2316	2321	2324	rBV5	29901	47330	1.37%	0.203%
44	16.817	2331	2336	2340	rBV	146580	220617	6.36%	0.945%
45	17.075	2376	2380	2385	rBV	67833	97589	2.81%	0.418%
46	17.210	2398	2403	2409	rVB	158346	238823	6.89%	1.023%
47	17.345	2422	2426	2431	rBV	35537	53355	1.54%	0.229%
48	17.416	2432	2438	2442	rVV3	57090	134812	3.89%	0.578%
49	17.451	2442	2444	2450	rVB	58989	81294	2.34%	0.348%
50	17.557	2457	2462	2467	rBV	361512	524728	15.14%	2.248%
51	18.062	2545	2548	2556	rVB3	41899	82686	2.39%	0.354%
52	18.168	2563	2566	2571	rVB6	27344	41532	1.20%	0.178%
53	18.432	2607	2611	2617	rBV2	95008	126740	3.66%	0.543%
54	18.609	2637	2641	2644	rBV5	34355	60066	1.73%	0.257%
55	18.644	2644	2647	2652	rVB2	47627	70826	2.04%	0.303%
56	18.844	2676	2681	2685	rBV	160727	217566	6.28%	0.932%
57	19.631	2811	2815	2822	rVB	58498	73689	2.13%	0.316%
58	19.696	2822	2826	2831	rBV2	57981	86535	2.50%	0.371%
59	19.960	2866	2871	2877	rVB	623929	812260	23.43%	3.480%
60	20.148	2897	2903	2909	rBV	2722110	3466898	100.00%	14.855%
61	20.924	3030	3035	3040	rVB	279564	332247	9.58%	1.424%
62	21.452	3123	3125	3132	rVB3	52821	70030	2.02%	0.300%
63	21.828	3183	3189	3202	rVB	419570	749005	21.60%	3.209%
64	23.338	3441	3446	3453	rVB7	46404	101049	2.91%	0.433%
65	25.148	3745	3754	3765	rVB	254466	741618	21.39%	3.178%

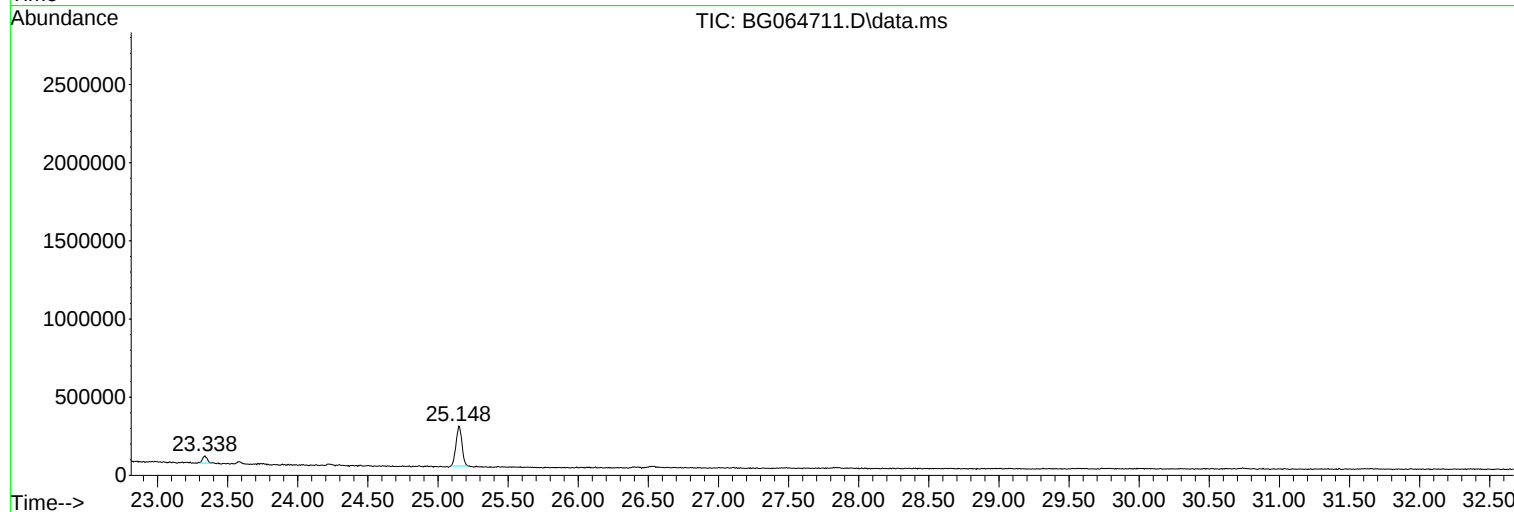
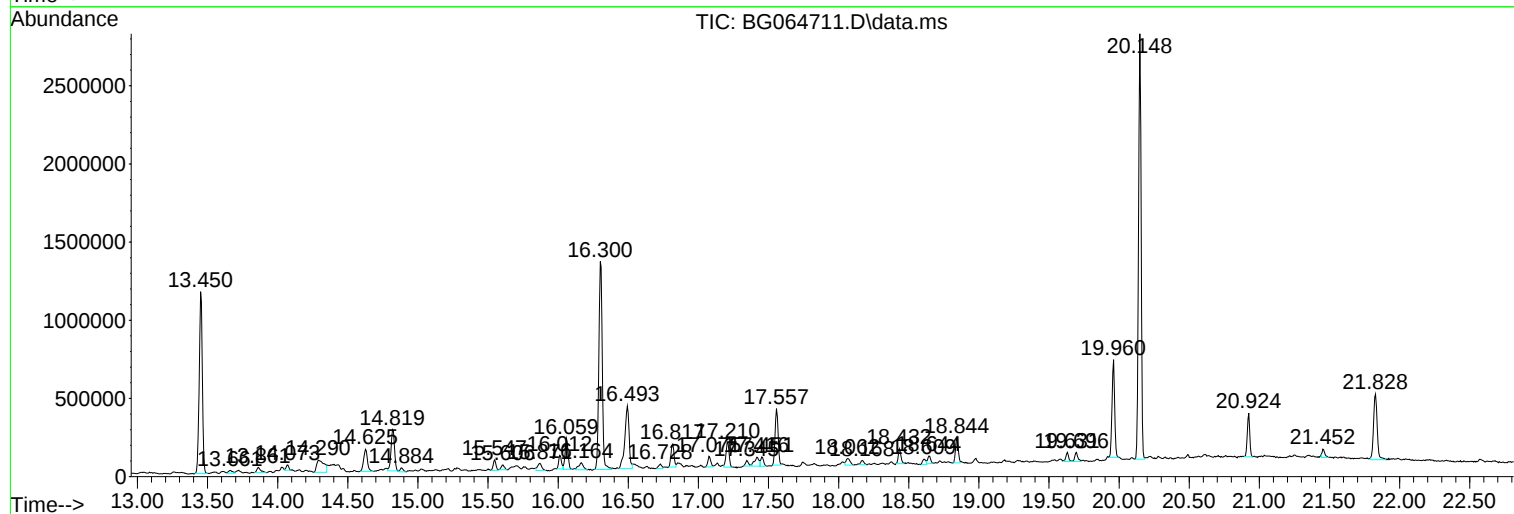
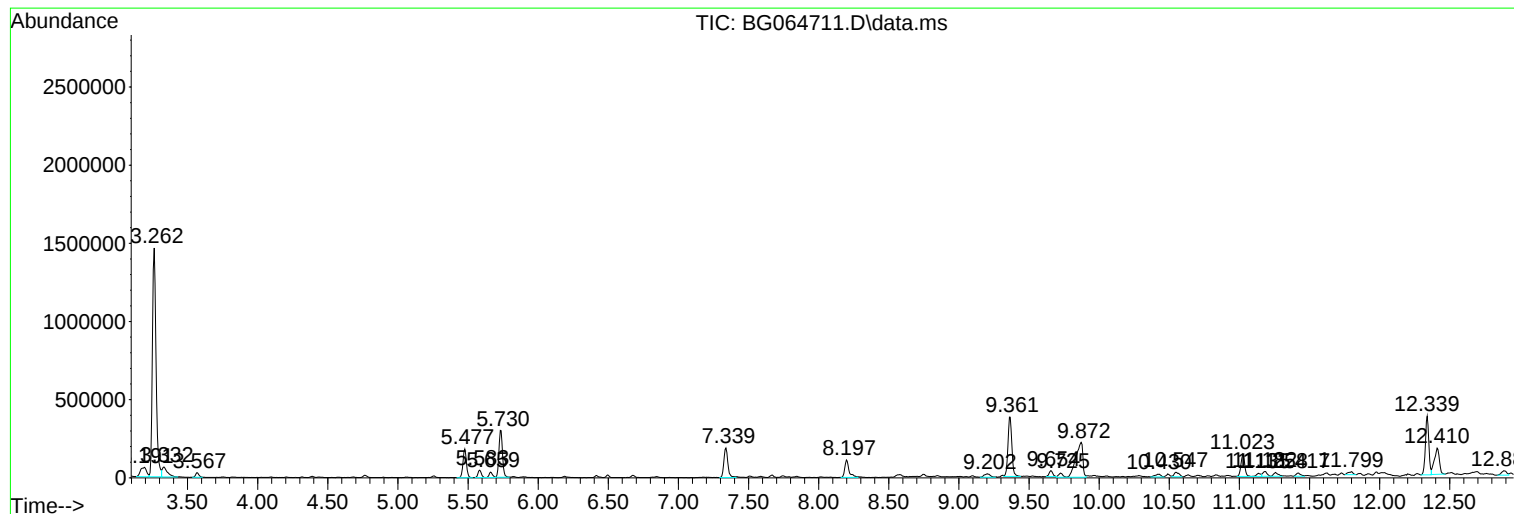
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
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Instrument :
BNA_G
ClientSampleId :
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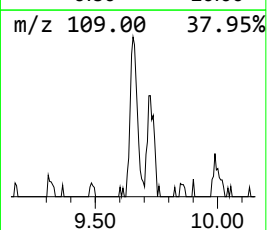
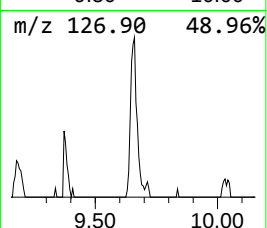
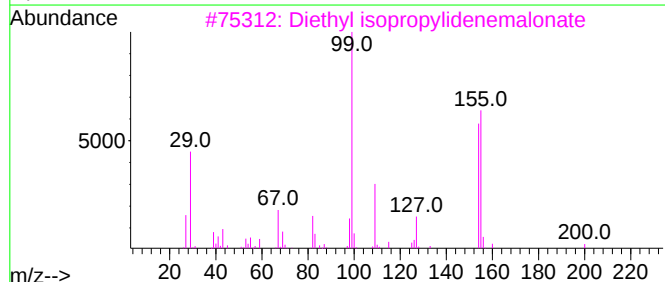
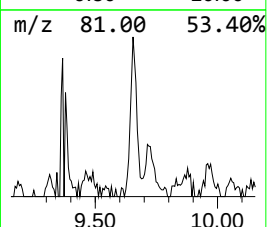
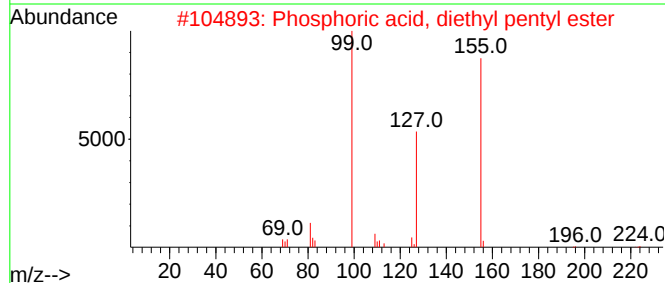
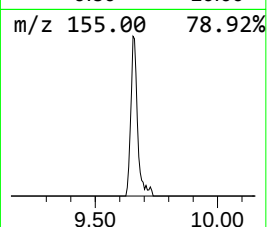
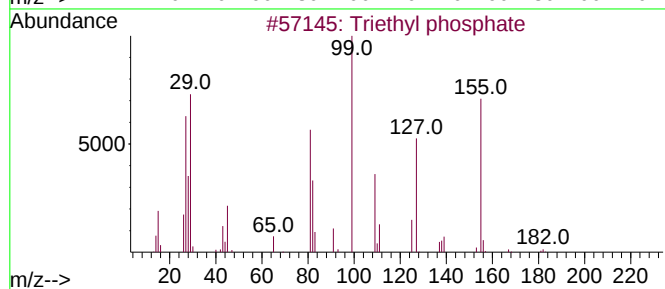
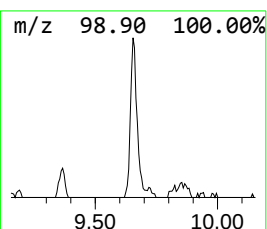
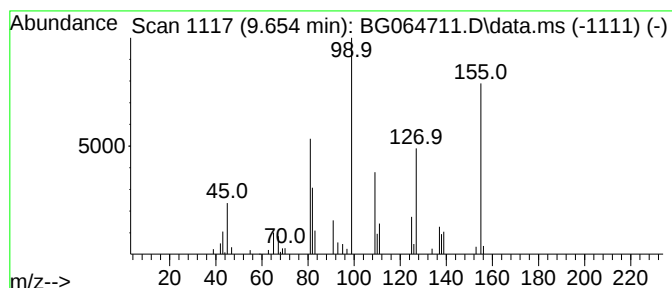
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triethyl phosphate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.654	5.37 ng	71382	Naphthalene-d8	11.023

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triethyl phosphate	182	C6H15O4P	000078-40-0	90
2			Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	64
3			Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36
4			2,2,4-Trimethyl-5-oxo-2,5-dihydr...	170	C8H10O4	094072-56-7	25
5			2,4-Diamino-5-nitropyrimidine	155	C4H5N5O2	018620-73-0	22



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ALS Vial : 14 Sample Multiplier: 1

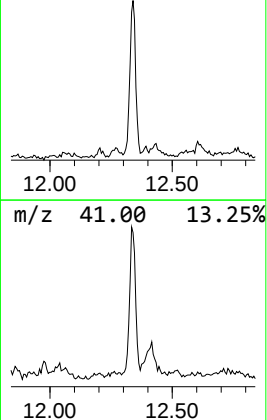
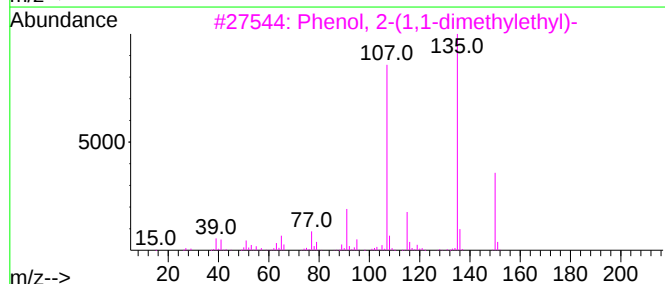
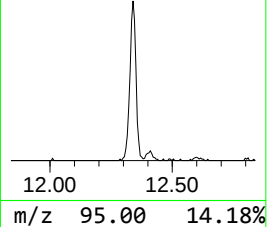
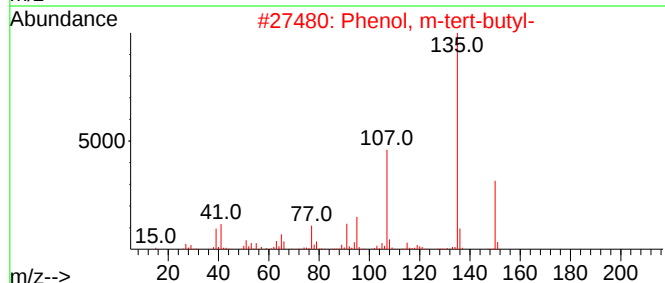
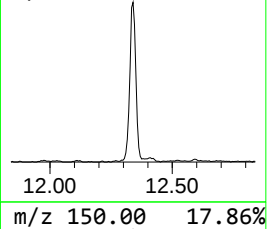
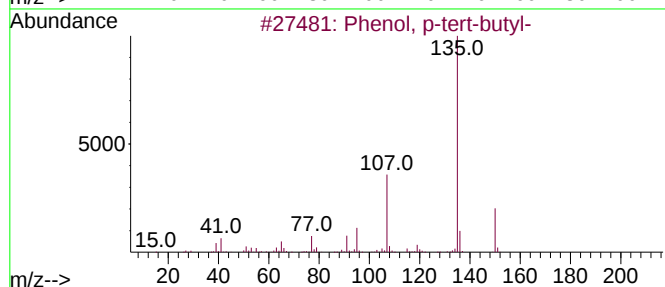
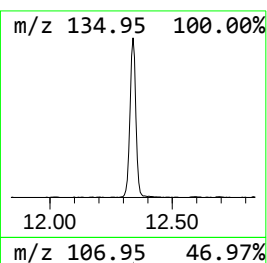
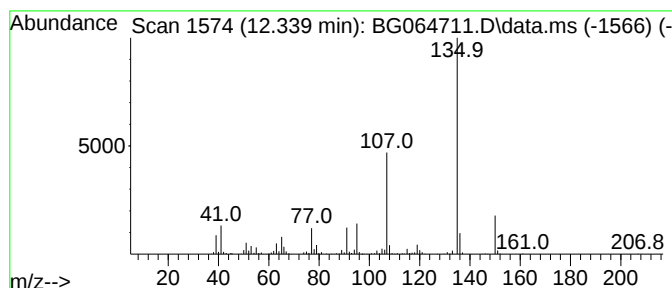
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.339	47.55 ng	632362	Naphthalene-d8	11.023	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	p-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-63-9	59
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59



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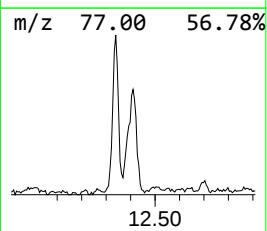
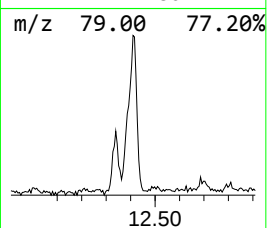
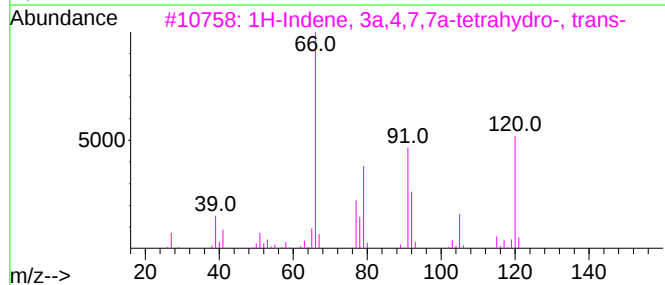
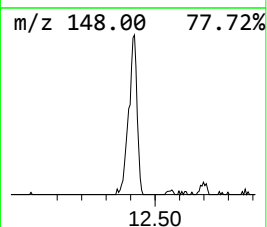
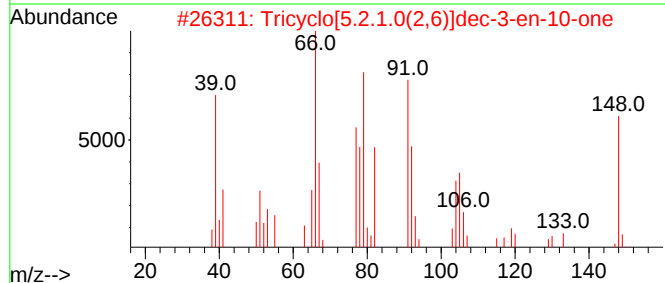
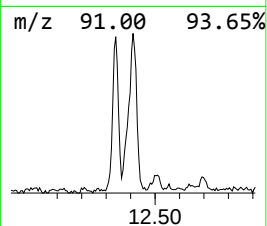
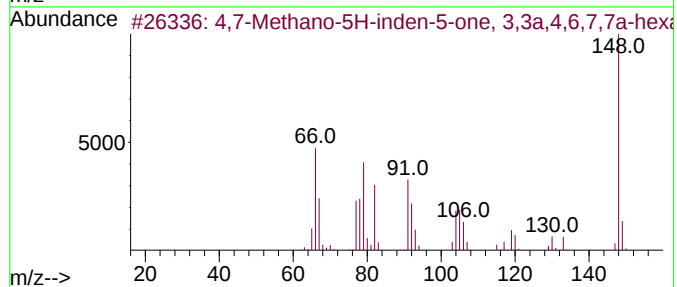
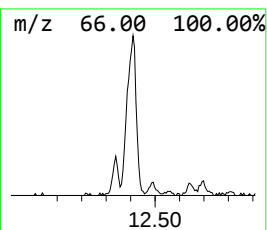
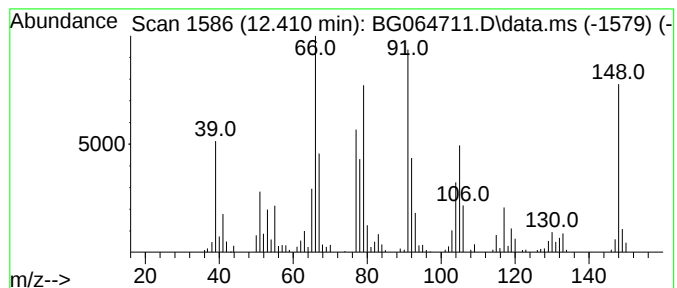
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4,7-Methano-5H-inden-5-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.410	30.79 ng	409407	Naphthalene-d8	11.023	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	96
2	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	95
3	1H-Indene, 3a,4,7,7a-tetrahydro-...	120	C9H12	066563-20-0	53
4	2,5-Norbornadiene	92	C7H8	000121-46-0	50
5	6(5H)-Pteridinone	148	C6H4N4O	002432-26-0	49



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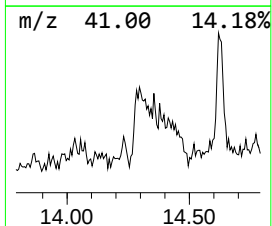
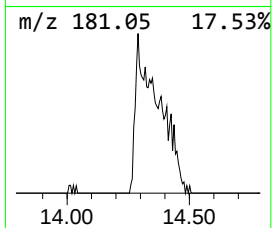
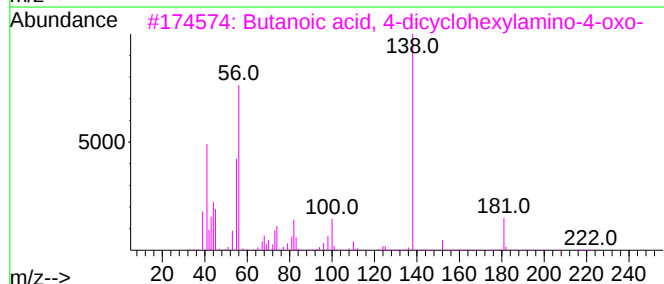
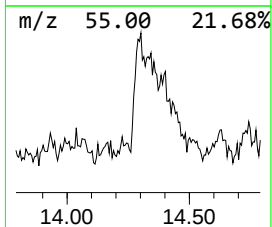
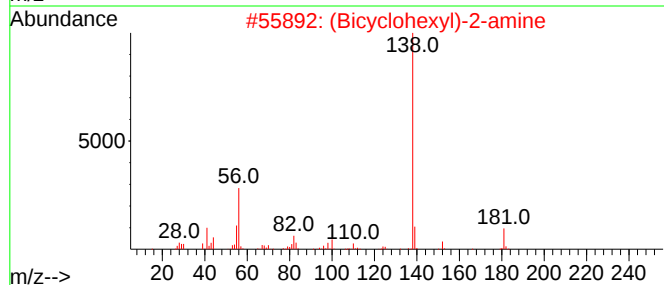
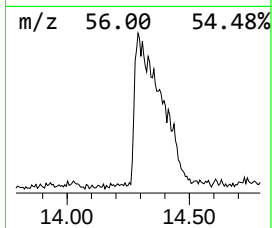
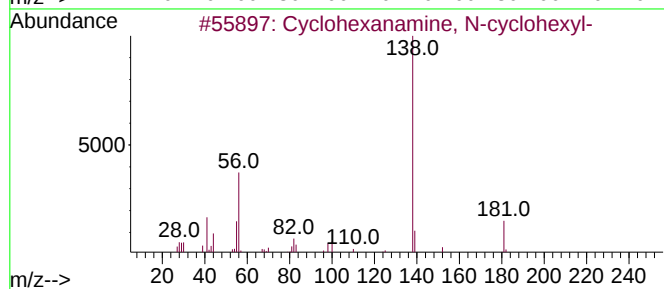
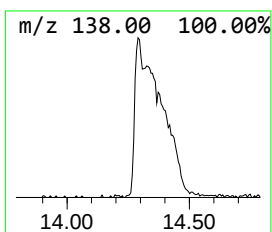
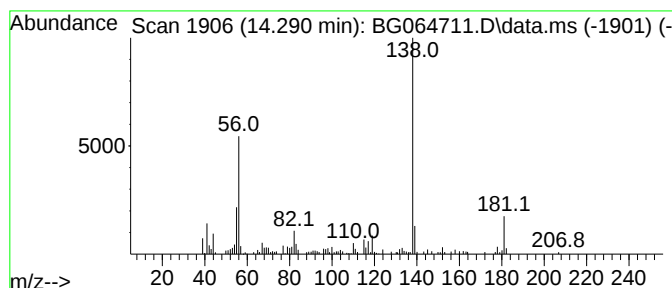
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclohexanamine, N-cyclohexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.290	13.14 ng	294660	Acenaphthene-d10	14.819	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	93
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	76
3	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	56
4	Pyrrolidine-1-acetonitrile, 2,5-...	138	C6H6N2O2	061516-81-2	45
5	3-(Decahydroisoquinolin-3-yl)-pr...	197	C12H23NO	1000194-40-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

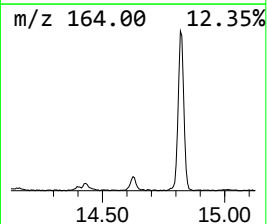
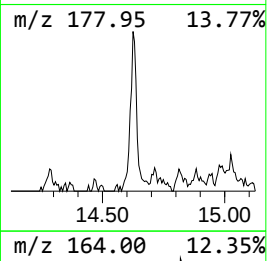
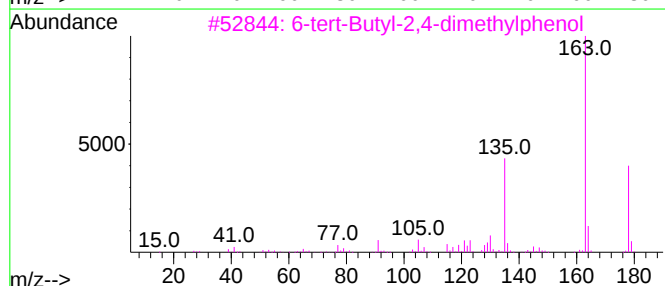
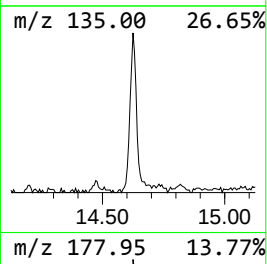
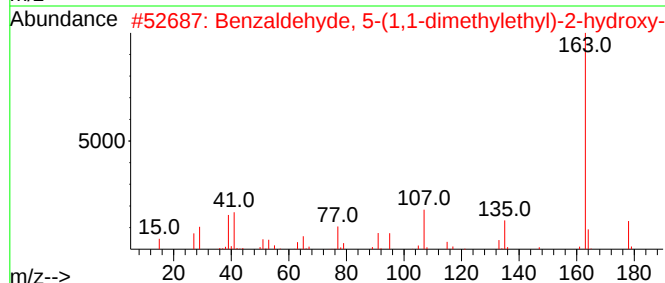
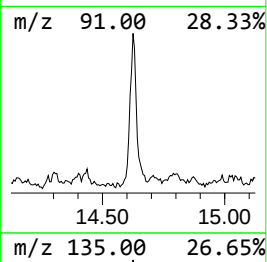
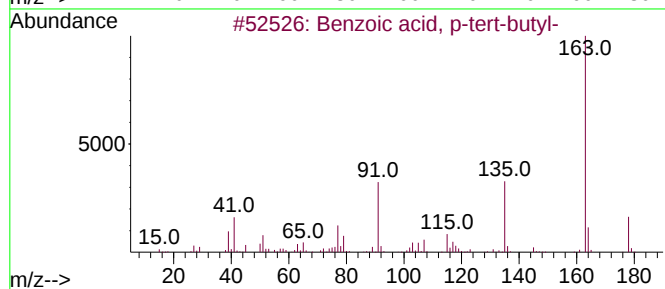
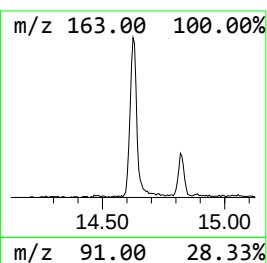
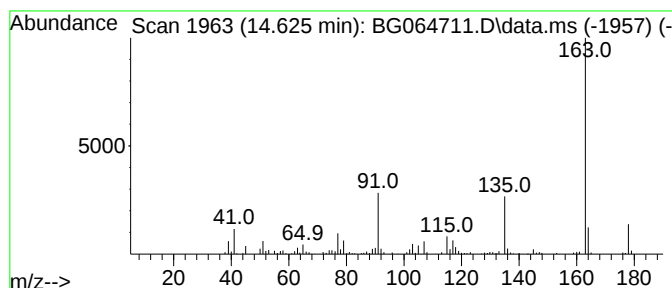
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, p-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.625	11.72 ng	262850	Acenaphthene-d10	14.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2			Benzaldehyde, 5-(1,1-dimethylethyl)-2-hydroxy-	178	C11H14O2	002725-53-3	72
3			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60
5			4-tert-Butyl-2,6-dimethylphenol	178	C12H18O	000879-97-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

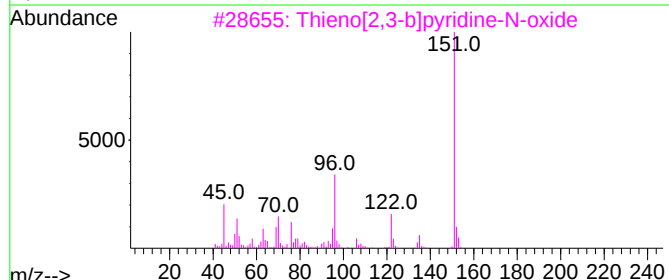
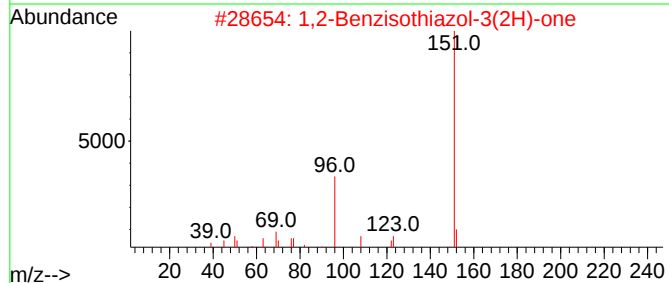
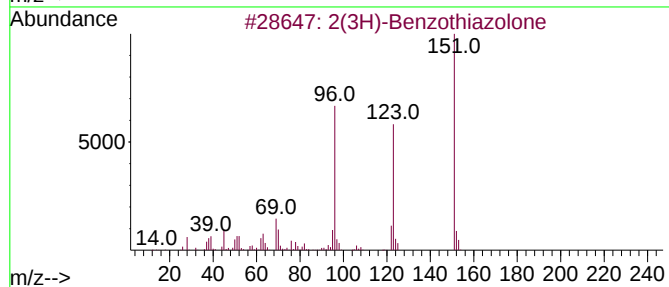
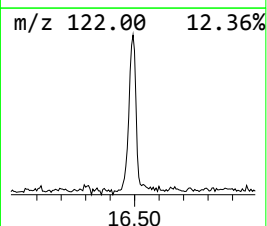
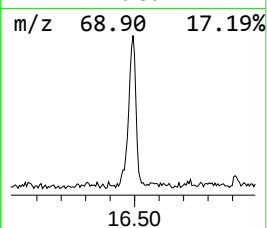
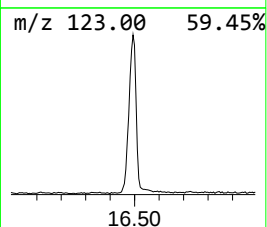
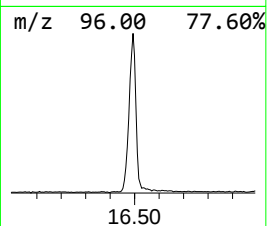
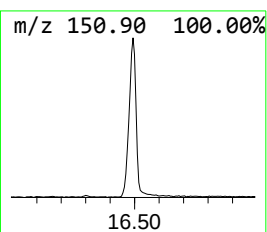
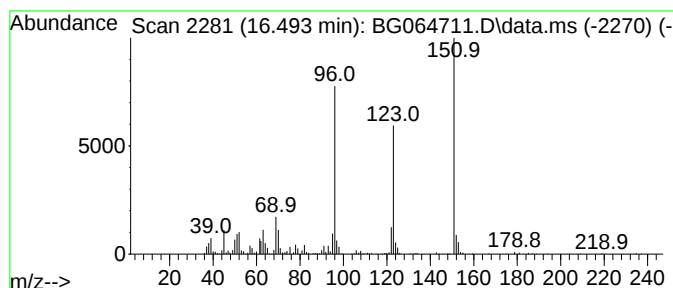
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	32.43 ng	850948	Phenanthrene-d10	17.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2			1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
3			Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4			Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	49
5			t-Butylhydroquinone	166	C10H14O2	001948-33-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

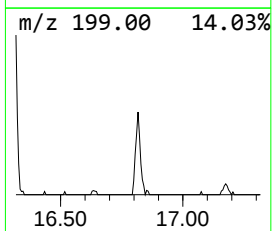
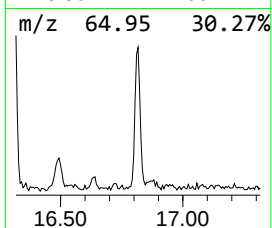
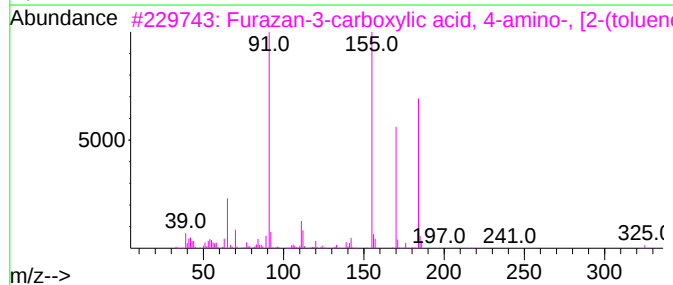
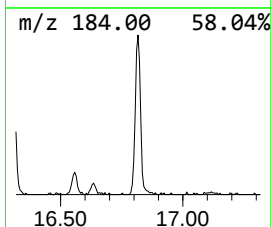
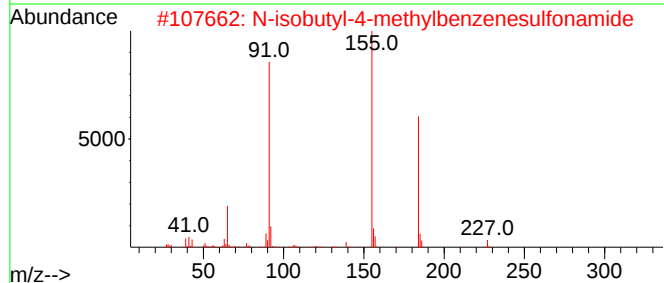
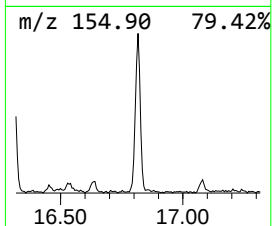
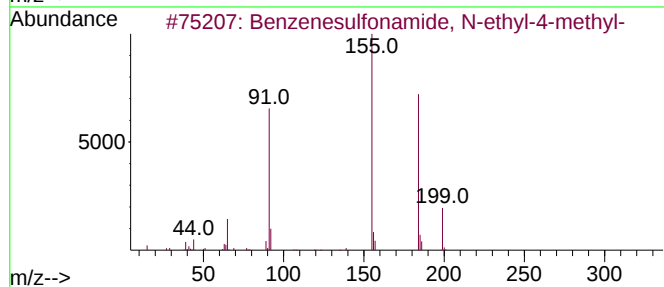
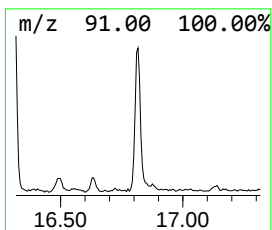
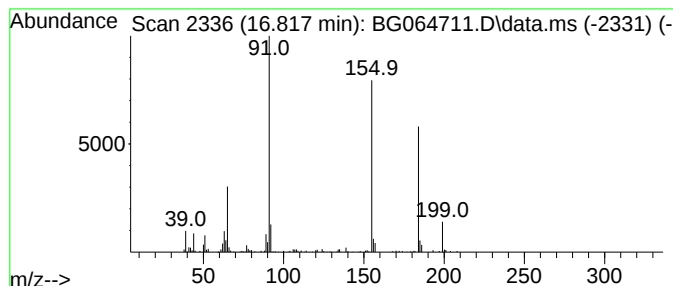
Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzenesulfonamide, N-ethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.817	8.41 ng	220617	Phenanthrene-d10	17.557
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenesulfonamide, N-ethyl-4-me...	199 C9H13NO2S	000080-39-7 94
2		N-isobutyl-4-methylbenzenesulfon...	227 C11H17NO2S	023705-38-6 90
3		Furazan-3-carboxylic acid, 4-ami...	325 C12H15N5O4S	1000304-69-4 83
4		benzenesulfonamide, 4-methyl-N-[...	369 C16H19NO5S2	1000402-61-7 78
5		4-Methyl-N-(2-oxobutyl)benzenesu...	241 C11H15NO3S	1000192-14-5 64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

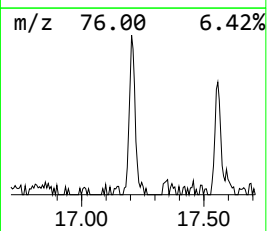
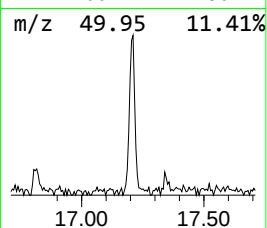
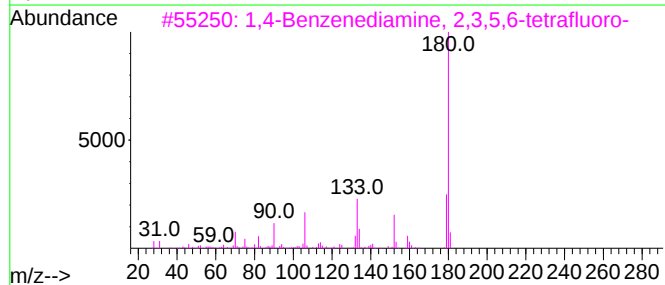
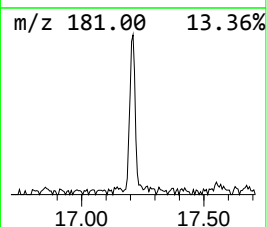
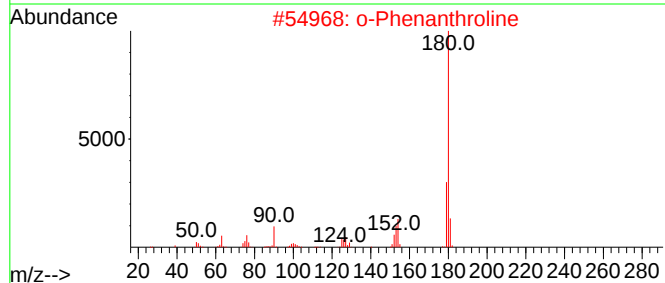
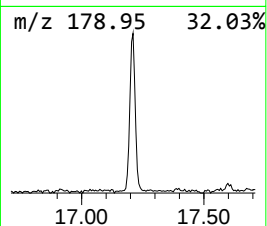
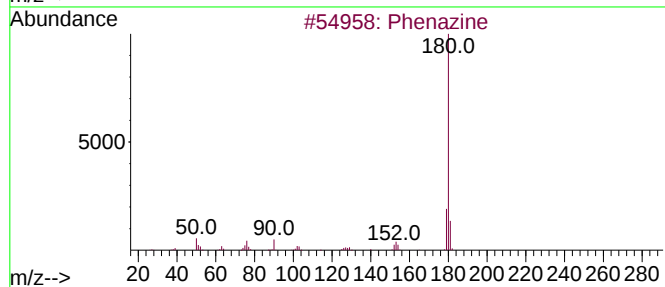
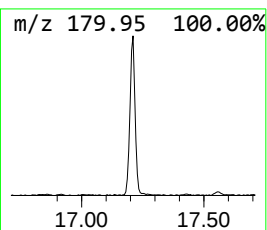
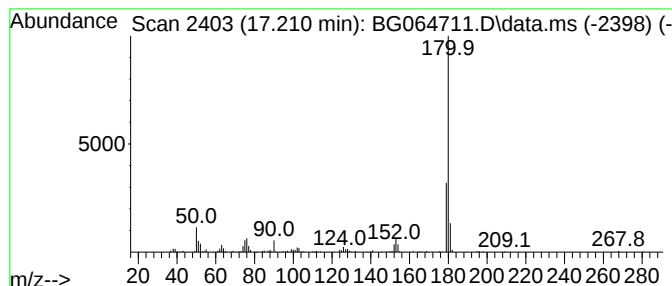
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenazine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.210	9.10 ng	238823	Phenanthrene-d10	17.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenazine	180	C12H8N2	000092-82-0	93
2			o-Phenanthroline	180	C12H8N2	000066-71-7	80
3			1,4-Benzenediamine, 2,3,5,6-tetr...	180	C6H4F4N2	001198-64-7	72
4			1-Phenazinedicarboxylic acid	224	C13H8N2O2	002538-68-3	64
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

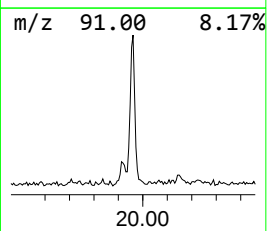
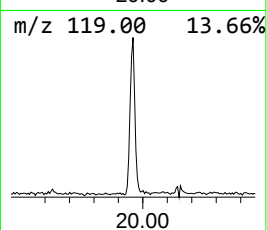
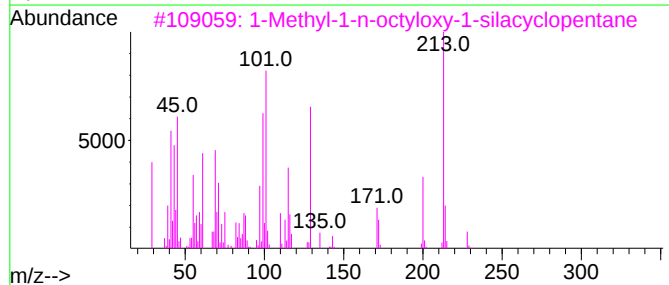
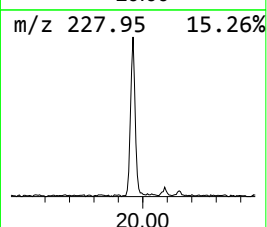
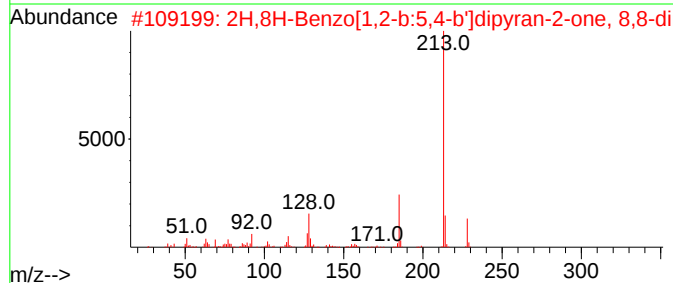
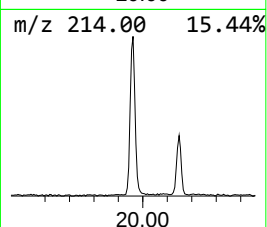
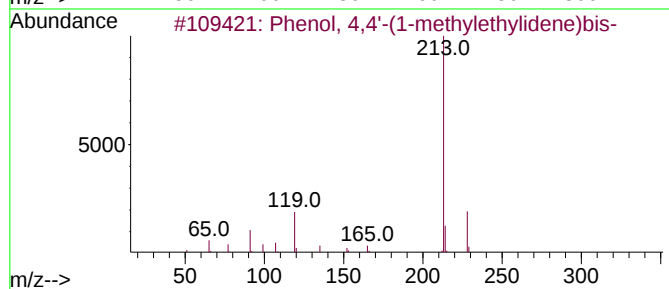
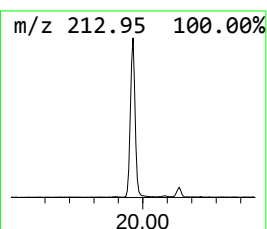
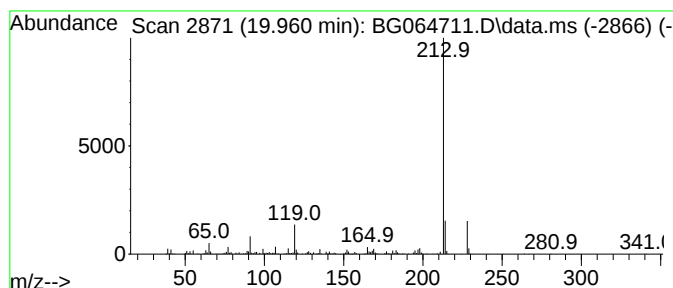
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.960	21.69 ng	812260	Chrysene-d12	21.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
3	1-Methyl-1-n-octyloxy-1-silacycl...	228	C13H28OSi	1010216-91-0	50
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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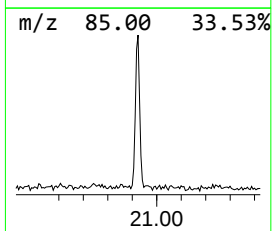
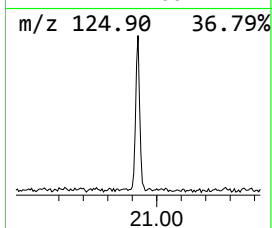
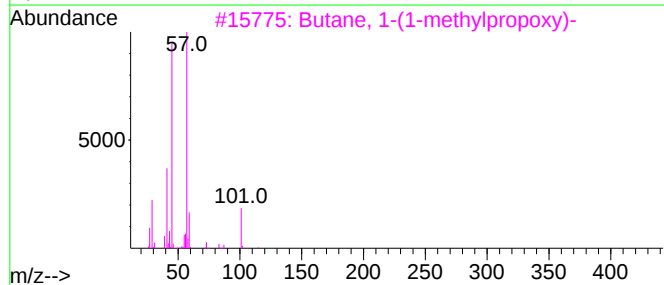
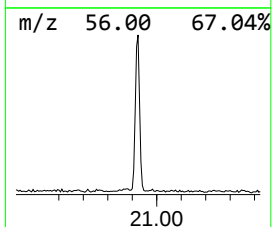
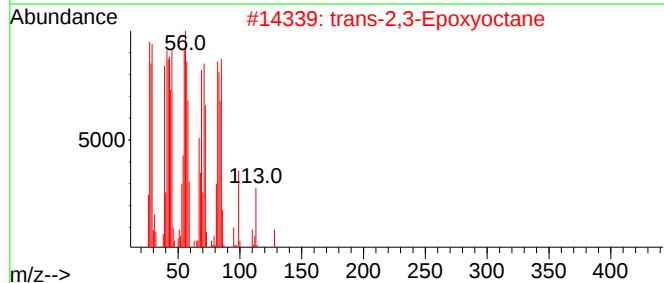
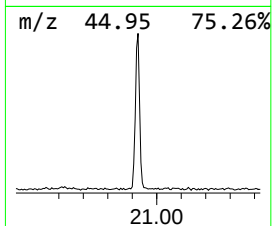
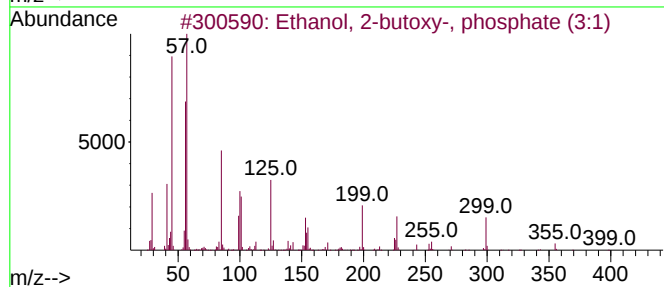
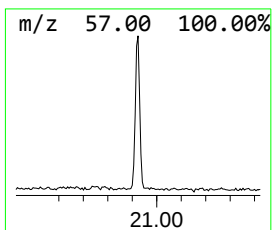
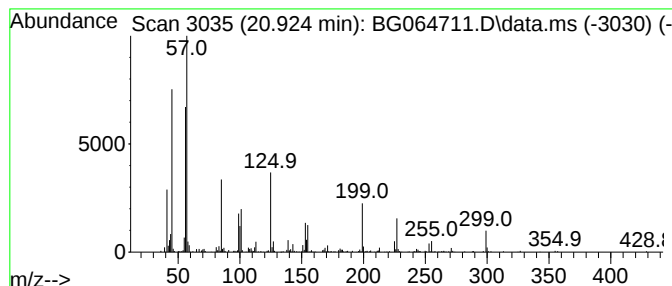
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Ethanol, 2-butoxy-, phospho... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.924	8.87 ng	332247	Chrysene-d12	21.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	27
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	27
5		Di-sec-Butyl ether	130	C8H18O	006863-58-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Triethyl phosphate	9.654	5.4	ng	71382	2	11.023	265958	20.0
Phenol, p-tert-...	12.339	47.5	ng	632362	2	11.023	265958	20.0
4,7-Methano-5H-...	12.410	30.8	ng	409407	2	11.023	265958	20.0
Cyclohexanamine...	14.290	13.1	ng	294660	3	14.819	448448	20.0
Benzoic acid, p...	14.625	11.7	ng	262850	3	14.819	448448	20.0
2(3H)-Benzothia...	16.493	32.4	ng	850948	4	17.557	524728	20.0
Benzenesulfonam...	16.817	8.4	ng	220617	4	17.557	524728	20.0
Phenazine	17.210	9.1	ng	238823	4	17.557	524728	20.0
Phenol, 4,4'-(1...	19.960	21.7	ng	812260	5	21.828	749005	20.0
Ethanol, 2-buto...	20.924	8.9	ng	332247	5	21.828	749005	20.0