

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038850.D
 Acq On : 27 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6533-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.179	12	15	22	rVB	32673	49006	2.37%	0.168%
2	3.267	23	30	33	rVV	43015	72187	3.50%	0.248%
3	3.296	33	35	43	rVV	26774	38492	1.86%	0.132%
4	3.472	59	65	78	rBV	95637	155733	7.54%	0.535%
5	4.095	165	171	174	rBV3	25517	45362	2.20%	0.156%
6	4.383	175	220	223	rVB	170014	1460251	70.73%	5.016%
7	4.971	312	320	323	rBV	39990	82385	3.99%	0.283%
8	5.006	323	326	335	rVB2	22791	43411	2.10%	0.149%
9	5.112	337	344	346	rBV	26282	47329	2.29%	0.163%
10	5.170	347	354	371	rVB	60251	151071	7.32%	0.519%
11	5.523	408	414	418	rBV2	36227	78617	3.81%	0.270%
12	5.611	423	429	436	rVB	207052	351609	17.03%	1.208%
13	6.105	506	513	522	rBV	107318	174629	8.46%	0.600%
14	6.369	550	558	566	rBV	191019	331457	16.05%	1.138%
15	6.469	566	575	580	rVV9	12602	40930	1.98%	0.141%
16	6.563	582	591	592	rVV5	16750	43569	2.11%	0.150%
17	6.592	593	596	616	rVB5	23456	70948	3.44%	0.244%
18	7.221	671	703	721	rBV4	301618	1568755	75.99%	5.388%
19	7.438	730	740	751	rVB2	34925	80820	3.91%	0.278%
20	7.585	753	765	773	rBV	422507	791827	38.35%	2.720%
21	7.820	799	805	811	rBV	28190	46229	2.24%	0.159%
22	7.897	811	818	826	rBV8	24795	88427	4.28%	0.304%
23	8.055	840	845	848	rVV2	101641	174327	8.44%	0.599%
24	8.096	848	852	858	rVB	142066	229862	11.13%	0.790%
25	8.308	881	888	893	rVV	458696	850772	41.21%	2.922%
26	8.378	893	900	914	rVB2	316672	685831	33.22%	2.356%
27	8.707	946	956	969	rVV3	72476	230192	11.15%	0.791%
28	8.831	970	977	994	rVB4	72855	183237	8.88%	0.629%
29	9.001	994	1006	1007	rBV9	18562	56691	2.75%	0.195%
30	9.060	1008	1016	1025	rVB4	56928	154595	7.49%	0.531%
31	9.236	1036	1046	1053	rBV	275477	527575	25.55%	1.812%
32	9.448	1065	1082	1095	rBV2	137672	564372	27.34%	1.938%
33	9.612	1104	1110	1116	rVB2	95183	193749	9.38%	0.665%
34	9.683	1116	1122	1126	rBV2	53952	85433	4.14%	0.293%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.730	1126	1130	1140	rVB3	51537	100620	4.87%	0.346%
36	9.824	1140	1146	1158	rBV5	27514	65534	3.17%	0.225%
37	9.941	1158	1166	1175	rVB7	25146	82010	3.97%	0.282%
38	10.047	1175	1184	1185	rBV6	22337	49854	2.41%	0.171%
39	10.106	1185	1194	1202	rVB7	33122	93056	4.51%	0.320%
40	10.253	1202	1219	1221	rBV2	119975	345446	16.73%	1.187%
41	10.370	1234	1239	1243	rBV3	97994	237634	11.51%	0.816%
42	10.552	1267	1270	1278	rVB6	61433	125900	6.10%	0.432%
43	10.629	1278	1283	1298	rVB	165468	335757	16.26%	1.153%
44	10.752	1298	1304	1314	rVB5	30497	84132	4.08%	0.289%
45	10.870	1318	1324	1334	rBV	128598	285815	13.84%	0.982%
46	11.116	1356	1366	1371	rBV	217520	506900	24.55%	1.741%
47	11.163	1371	1374	1378	rVV3	38454	58332	2.83%	0.200%
48	11.210	1378	1382	1389	rVB6	42221	87333	4.23%	0.300%
49	11.445	1417	1422	1425	rBV4	36591	67774	3.28%	0.233%
50	11.498	1425	1431	1439	rVV	69889	168159	8.15%	0.578%
51	11.633	1443	1454	1461	rVV5	109122	351868	17.04%	1.209%
52	11.845	1469	1490	1496	rBV2	166071	582438	28.21%	2.001%
53	11.986	1502	1514	1519	rVB3	136999	384040	18.60%	1.319%
54	12.115	1520	1536	1546	rBV4	251374	977670	47.36%	3.358%
55	12.203	1546	1551	1560	rVB3	93440	177245	8.59%	0.609%
56	12.362	1574	1578	1584	rVB3	58851	94163	4.56%	0.323%
57	12.468	1590	1596	1604	rVB7	31006	85936	4.16%	0.295%
58	12.908	1642	1671	1676	rBV2	508778	2064530	100.00%	7.091%
59	13.032	1686	1692	1696	rBV2	111004	210705	10.21%	0.724%
60	13.314	1733	1740	1751	rVB2	921981	1586625	76.85%	5.450%
61	13.425	1752	1759	1767	rBV	196418	377299	18.28%	1.296%
62	13.508	1768	1773	1776	rBV3	31585	55931	2.71%	0.192%
63	13.631	1790	1794	1806	rVB	180372	359554	17.42%	1.235%
64	13.766	1809	1817	1822	rBV	163092	328091	15.89%	1.127%
65	13.837	1822	1829	1833	rBV2	49508	105706	5.12%	0.363%
66	13.948	1838	1848	1862	rVB2	447095	1338592	64.84%	4.598%
67	14.089	1868	1872	1876	rBV3	45452	76581	3.71%	0.263%
68	14.142	1877	1881	1883	rVV	48715	66596	3.23%	0.229%
69	14.177	1883	1887	1891	rVV3	44108	67714	3.28%	0.233%
70	14.254	1897	1900	1902	rBV	45016	56194	2.72%	0.193%
71	14.324	1908	1912	1920	rBV3	58994	106578	5.16%	0.366%

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72	14.418	1923	1928	1935	rVB4	86979	200384	9.71%	0.688%
73	14.536	1944	1948	1955	rVB	126237	200221	9.70%	0.688%
74	14.659	1965	1969	1970	rBV	60634	73421	3.56%	0.252%
75	14.695	1970	1975	1981	rVB2	261957	451586	21.87%	1.551%
76	14.794	1988	1992	1996	rBV2	65095	112161	5.43%	0.385%
77	14.847	1997	2001	2005	rVV5	58172	116135	5.63%	0.399%
78	14.894	2006	2009	2015	rVB	65385	95631	4.63%	0.328%
79	15.018	2026	2030	2034	rBV4	60260	106359	5.15%	0.365%
80	15.182	2053	2058	2062	rBV	58222	93287	4.52%	0.320%
81	15.423	2096	2099	2104	rVB5	48499	70704	3.42%	0.243%
82	15.711	2146	2148	2154	rVB4	46007	67130	3.25%	0.231%
83	15.946	2184	2188	2196	rVB	53117	87577	4.24%	0.301%
84	16.187	2223	2229	2240	rVB5	745285	1284572	62.22%	4.412%
85	17.186	2396	2399	2405	rVB2	37212	57859	2.80%	0.199%
86	17.444	2437	2443	2448	rVB2	275382	432462	20.95%	1.485%
87	17.773	2497	2499	2504	rVB3	29889	40932	1.98%	0.141%
88	18.302	2585	2589	2594	rBV	137450	200925	9.73%	0.690%
89	19.042	2713	2715	2722	rVB	43454	49860	2.42%	0.171%
90	19.571	2801	2805	2813	rBV4	43550	80117	3.88%	0.275%
91	20.041	2880	2885	2891	rVB	1206176	1563332	75.72%	5.370%
92	21.316	3098	3102	3110	rVB2	81905	136841	6.63%	0.470%
93	21.722	3165	3171	3178	rVB2	284622	499232	24.18%	1.715%
94	23.161	3411	3416	3423	rVB2	47122	101261	4.90%	0.348%
95	23.290	3433	3438	3445	rVB2	67863	138706	6.72%	0.476%
96	23.972	3549	3554	3564	rVB3	55157	124753	6.04%	0.428%
97	24.930	3711	3717	3723	rBV4	42292	110659	5.36%	0.380%
98	25.018	3723	3732	3744	rVB2	171009	521493	25.26%	1.791%
99	26.069	3905	3911	3921	rVB3	36884	113982	5.52%	0.391%
100	27.433	4133	4143	4155	rBV5	22680	84682	4.10%	0.291%

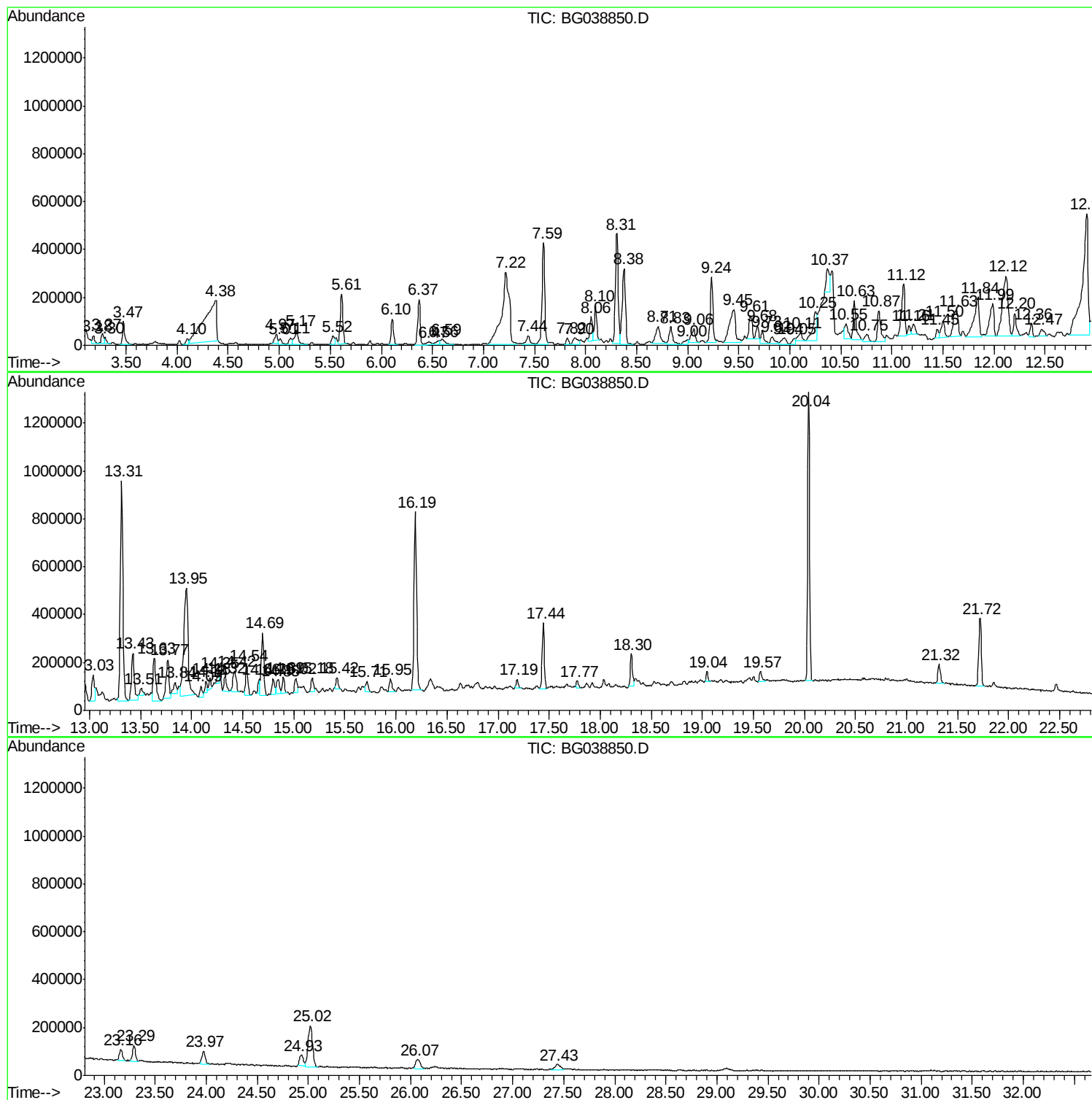
Sum of corrected areas: 29114256

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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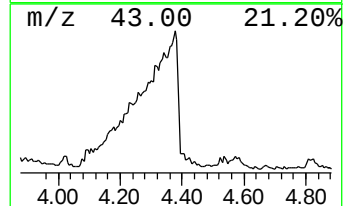
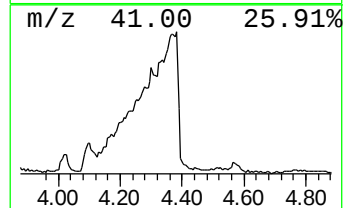
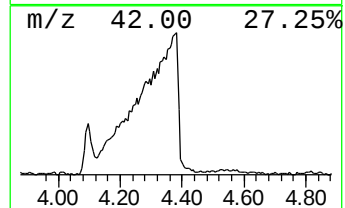
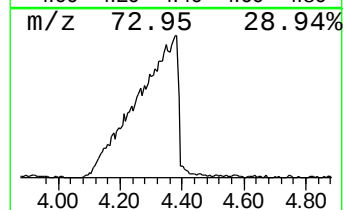
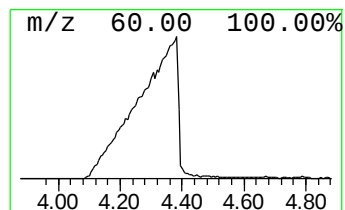
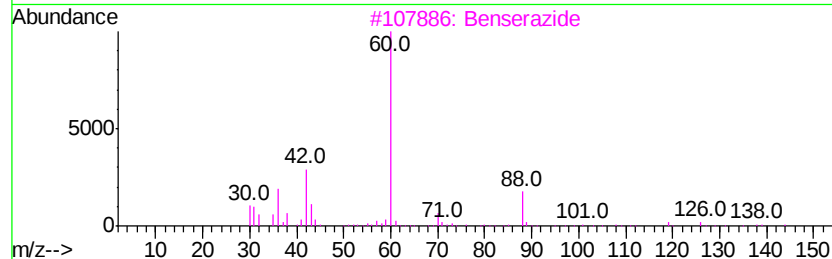
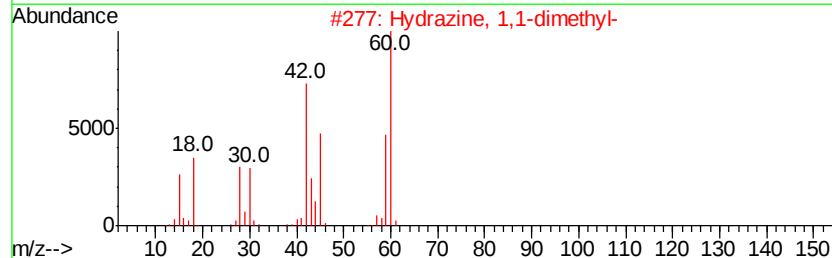
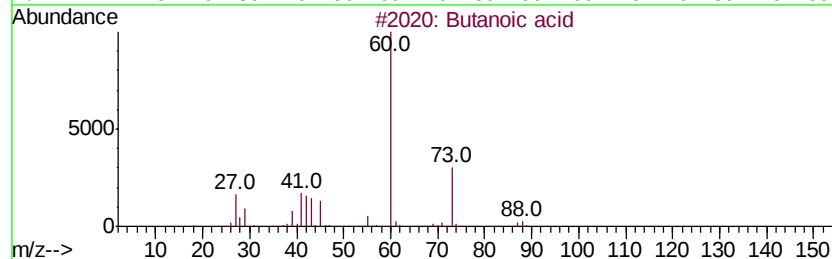
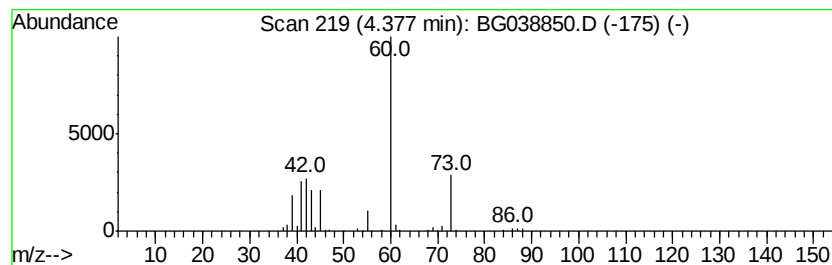
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	167.53 ng	1460250	1,4-Dichlorobenzene-d4	8.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid		88	C4H8O2	000107-92-6	50
2	Hydrazine, 1,1-dimethyl-		60	C2H8N2	000057-14-7	9
3	Benserazide		257	C10H15N3O5	000322-35-0	9
4	4-Bromobutyric acid		166	C4H7BrO2	002623-87-2	9
5	Urea		60	CH4N2O	000057-13-6	5



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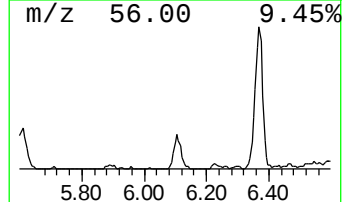
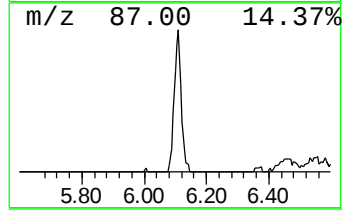
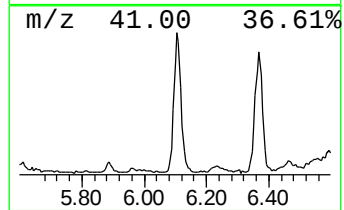
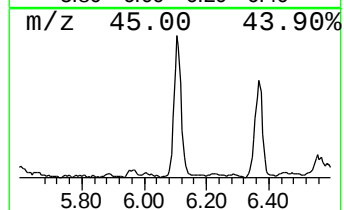
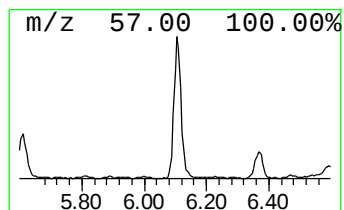
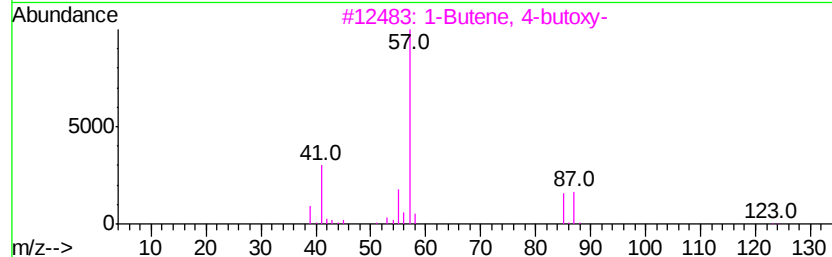
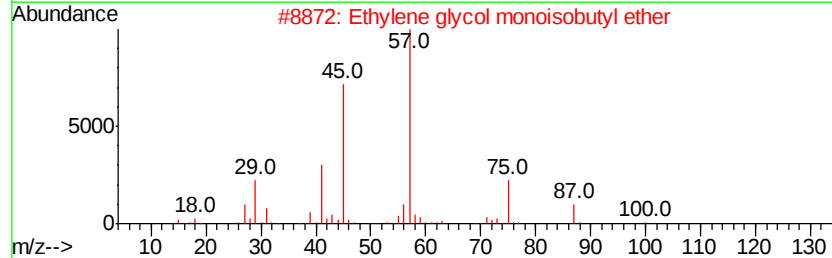
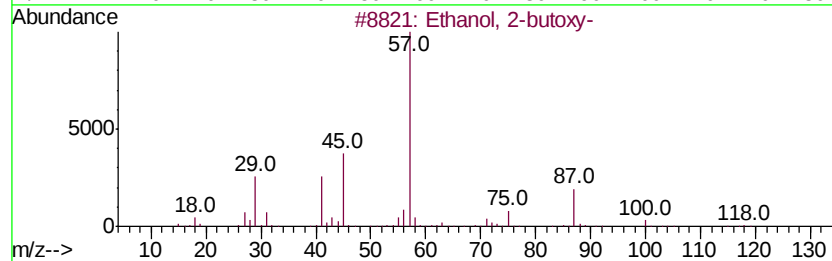
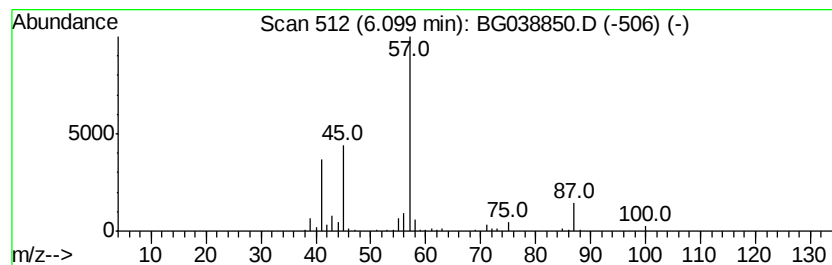
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	20.03 ng	174629	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
4		Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	22
5		Isobutyl ether	130	C8H18O	000628-55-7	17



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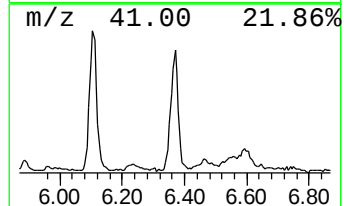
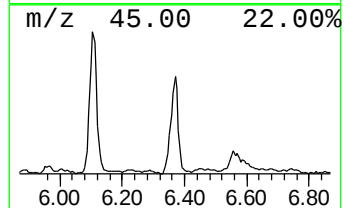
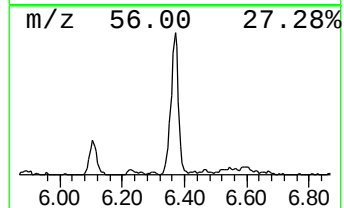
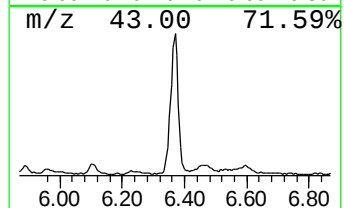
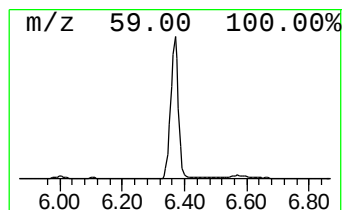
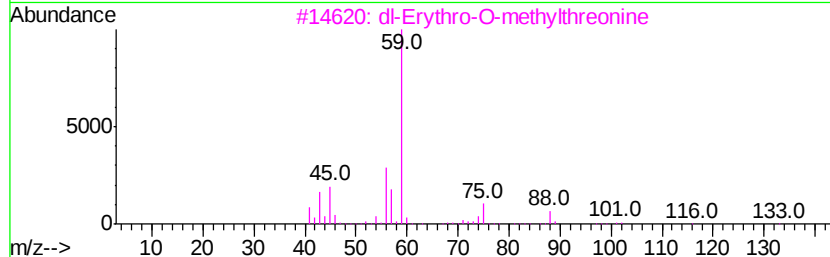
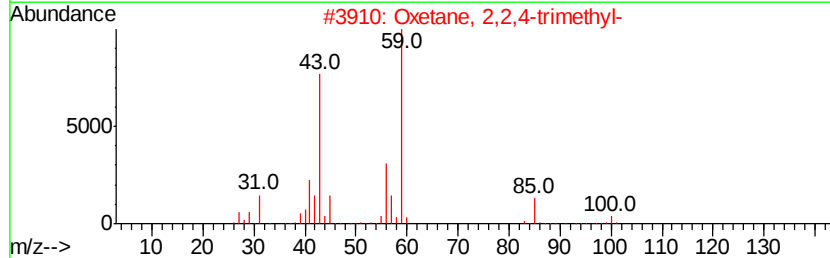
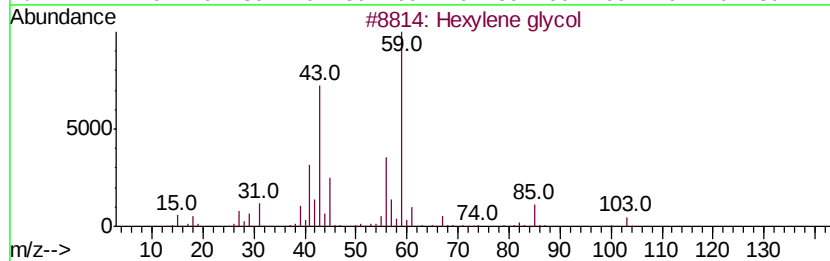
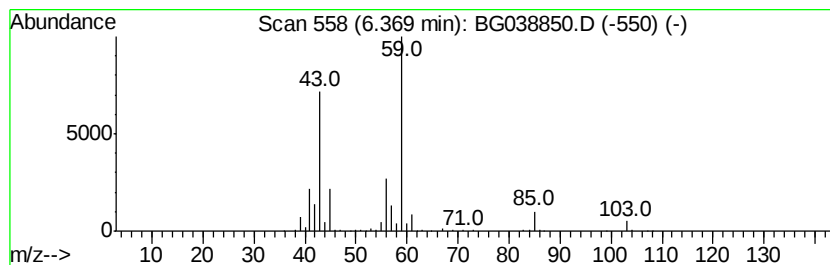
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Peak Number 5 Hexylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	38.03 ng	331457	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexylene glycol	118	C6H14O2	000107-41-5	90
2		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3		dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	50
4		N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	45
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-4

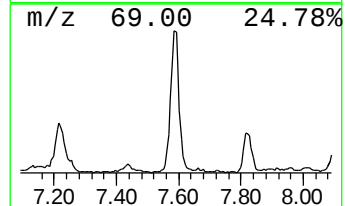
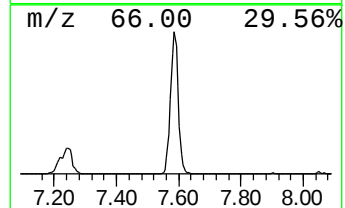
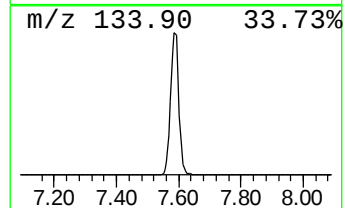
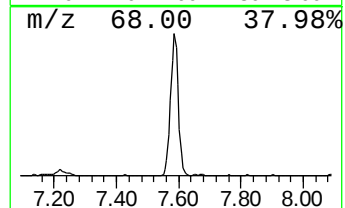
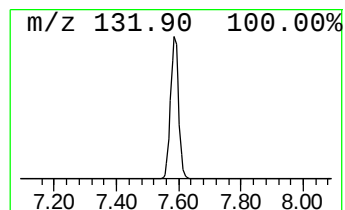
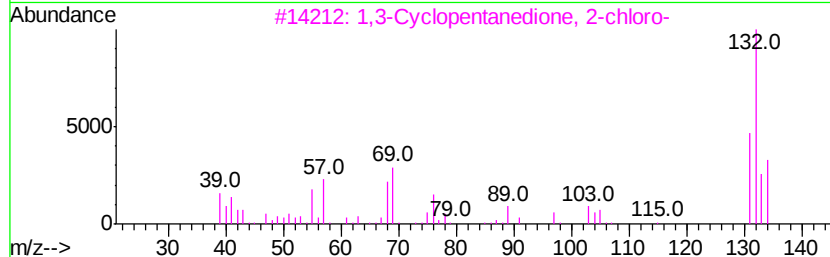
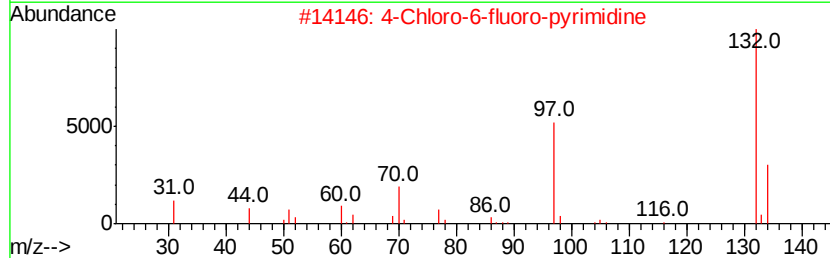
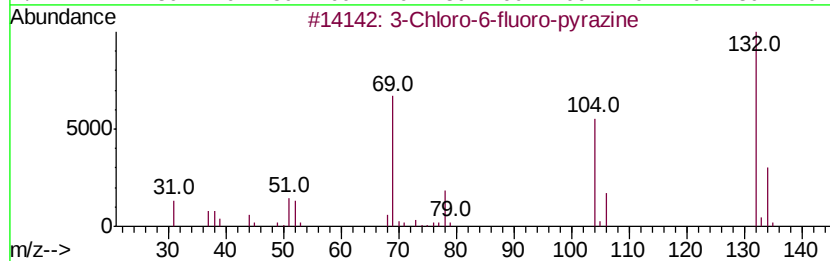
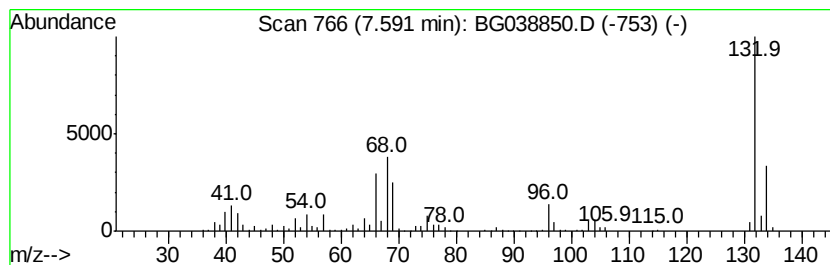
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	90.84 ng	791827	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27	
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23	
4	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	22	
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
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Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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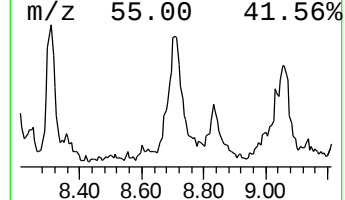
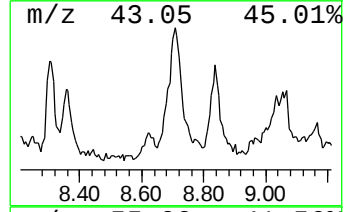
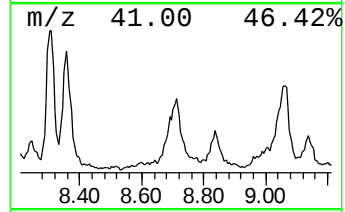
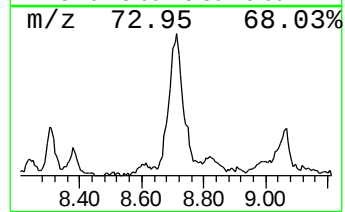
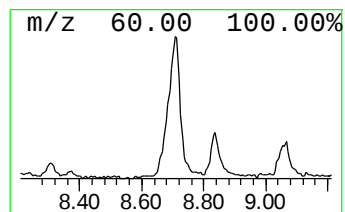
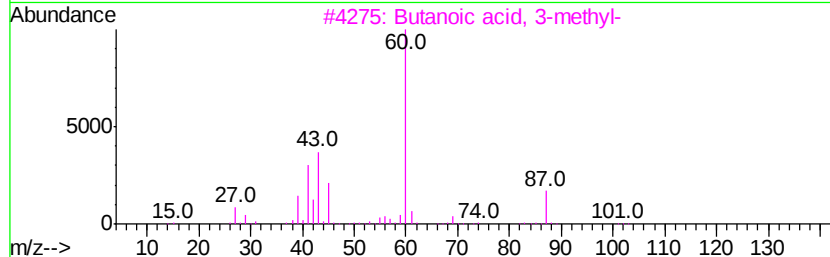
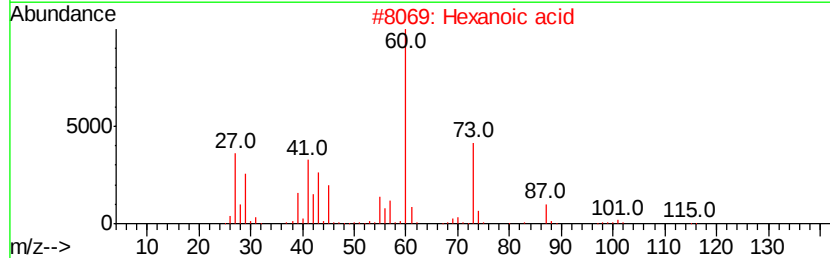
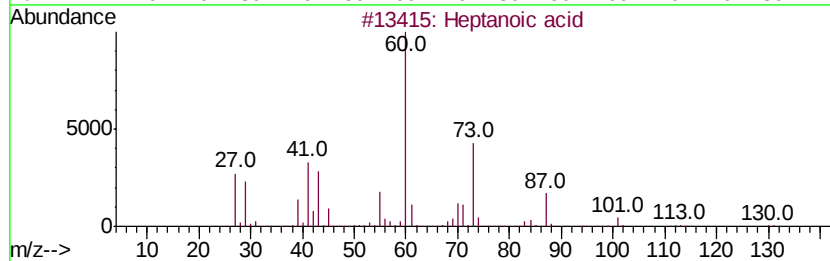
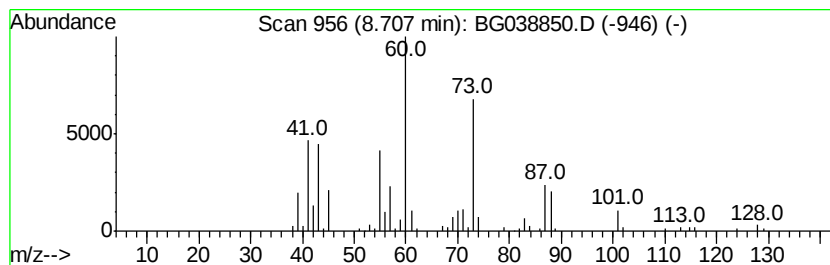
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	26.41 ng	230192	1,4-Dichlorobenzene-d4	8.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	59	
2	Hexanoic acid	116	C6H12O2	000142-62-1	59	
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53	
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	50	
5	Pentanoic acid	102	C5H10O2	000109-52-4	46	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-4

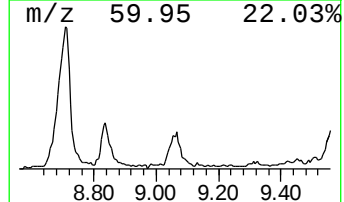
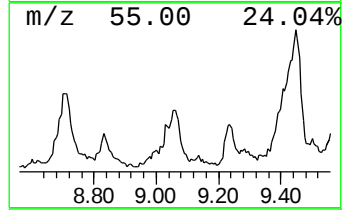
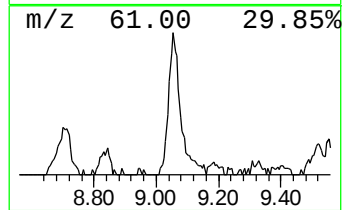
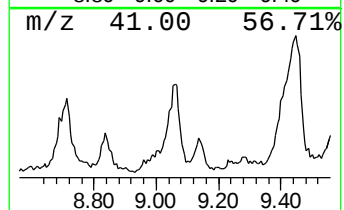
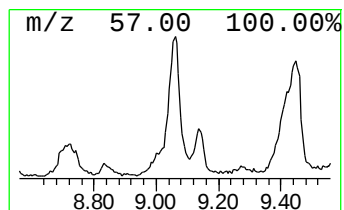
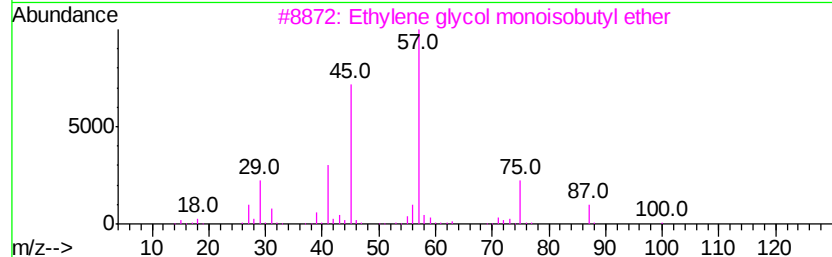
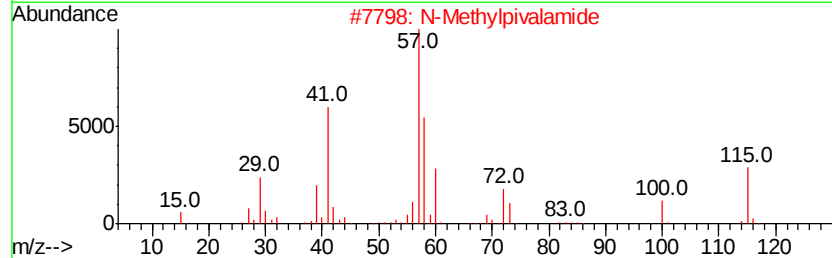
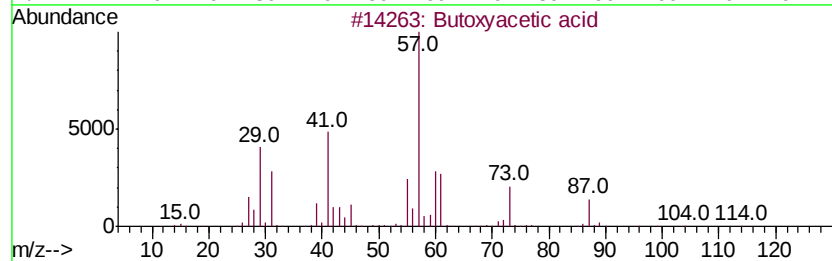
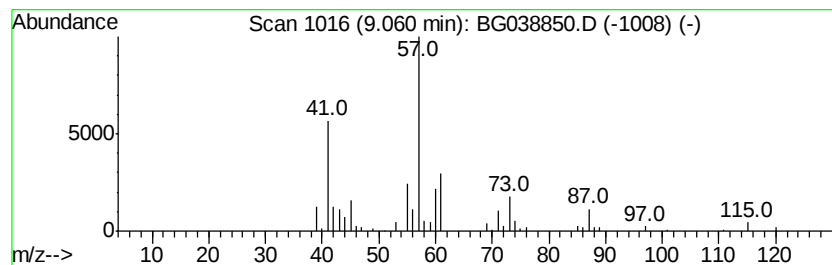
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butoxyacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	17.74 ng	154595	1,4-Dichlorobenzene-d4	8.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butoxyacetic acid	132	C6H12O3	002516-93-0	80
2		N-Methylpivalamide	115	C6H13NO	006830-83-7	37
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	17
4		Amyl nitrite	117	C5H11NO2	000463-04-7	16
5		Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
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Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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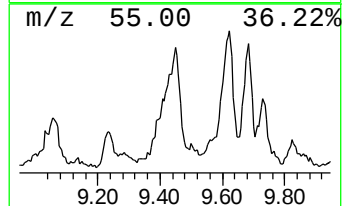
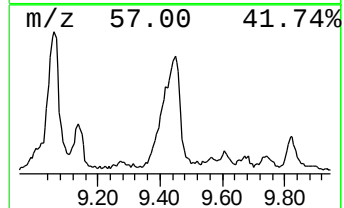
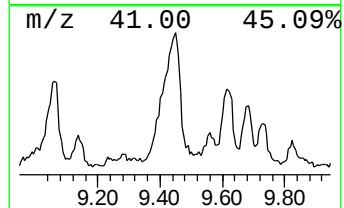
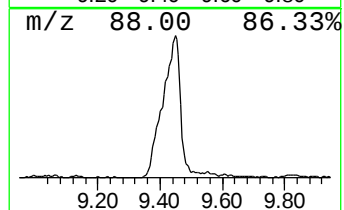
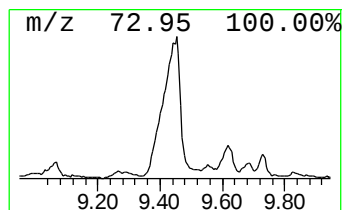
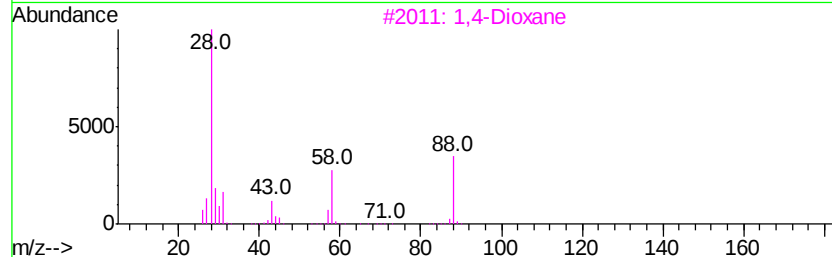
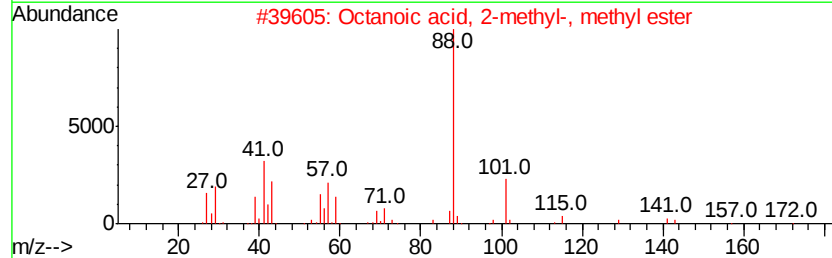
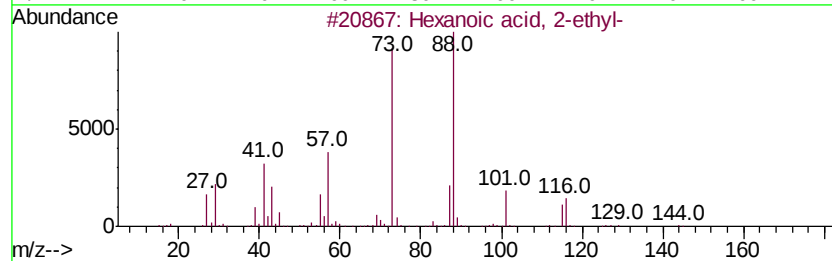
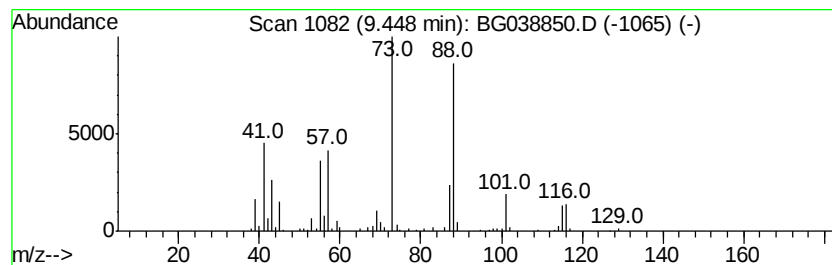
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	64.75 ng	564372	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	47
3		1,4-Dioxane	88	C4H8O2	000123-91-1	43
4		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	42
5		Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
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Sample : J6533-16
Misc :
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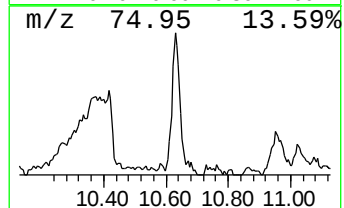
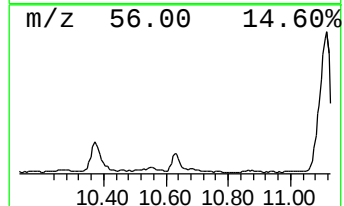
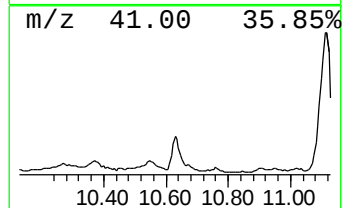
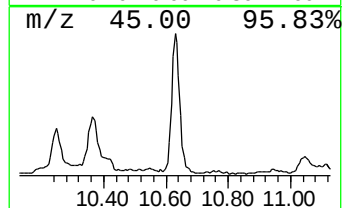
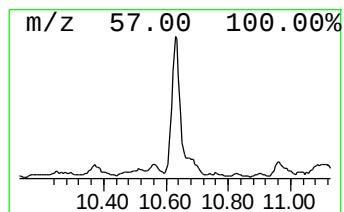
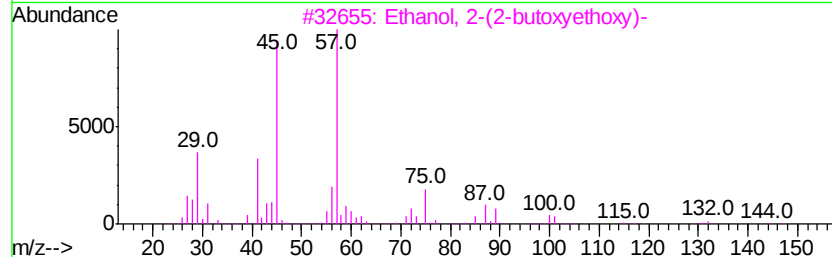
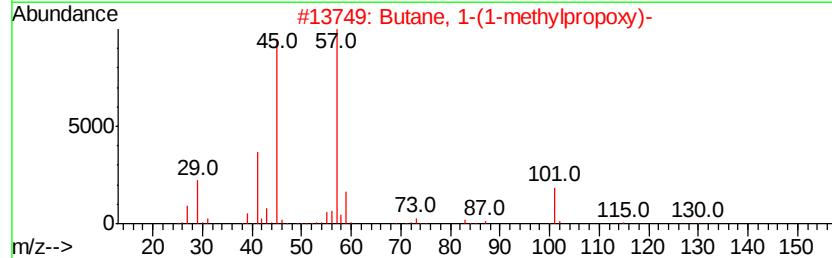
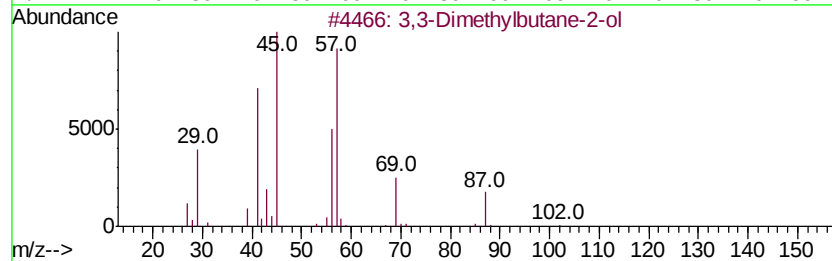
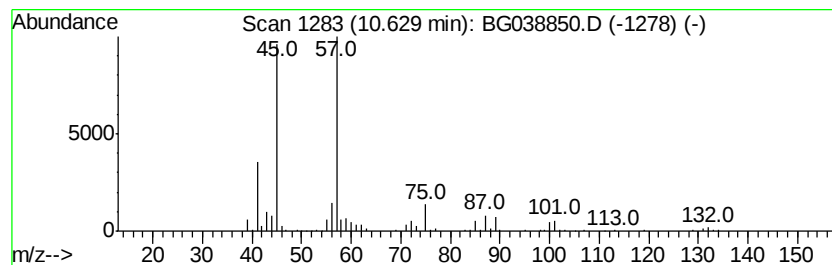
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,3-Dimethylbutane-2-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	23.49 ng	335757	Naphthalene-d8	10.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,3-Dimethylbutane-2-ol	102 C6H14O	000464-07-3	53
2	Butane, 1-(1-methylpropoxy)-	130 C8H18O	000999-65-5	53
3	Ethanol, 2-(2-butoxyethoxy)-	162 C8H18O3	000112-34-5	52
4	Ethylene glycol monoisobutyl ether	118 C6H14O2	004439-24-1	50
5	2-Pentanol, 3-methyl-	102 C6H14O	000565-60-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
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ClientSampleId :
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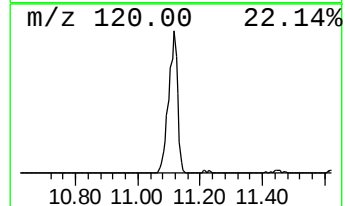
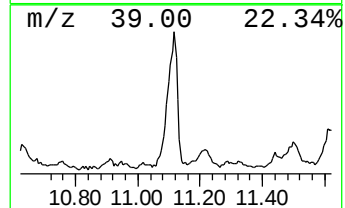
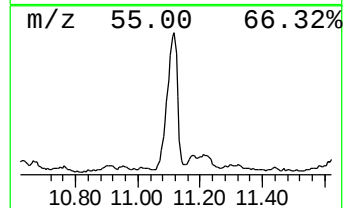
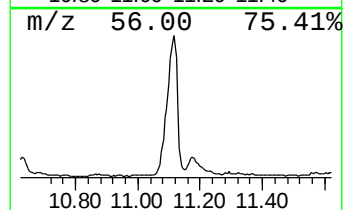
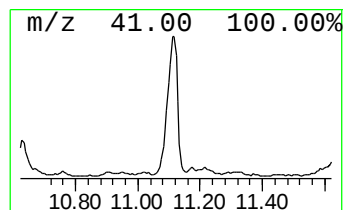
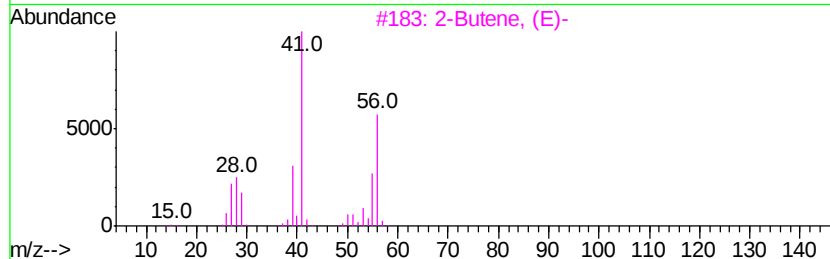
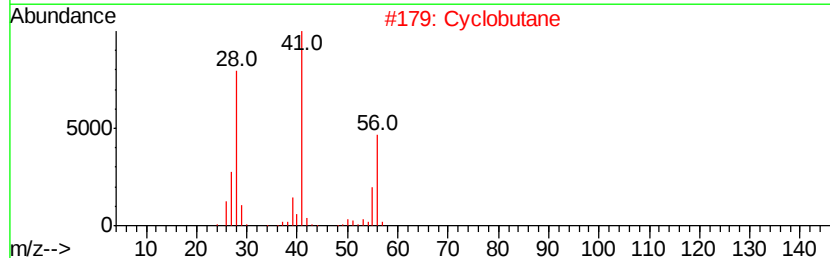
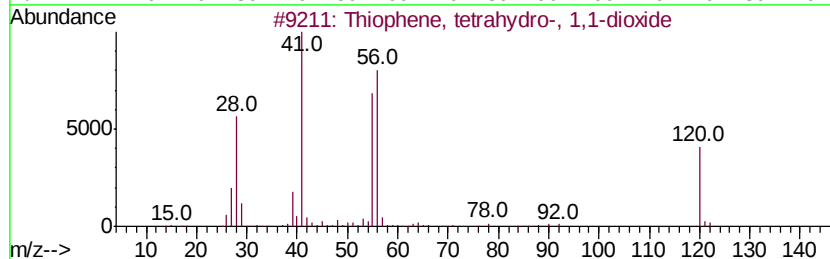
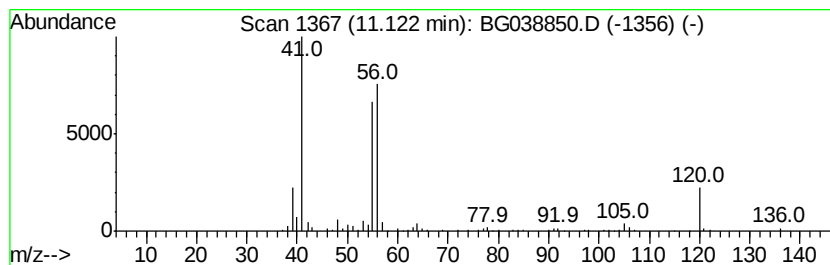
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Thiophene, tetrahydro-, 1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	35.47 ng	506900	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	86
2		Cyclobutane	56	C4H8	000287-23-0	53
3		2-Butene, (E)-	56	C4H8	000624-64-6	42
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	28
5		1-[Benzenesulfonyl]-2-methylazir...	197	C9H11NO2S	021384-00-9	25



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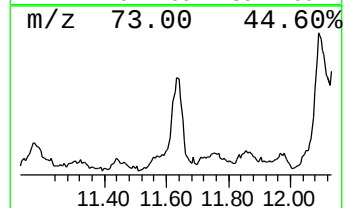
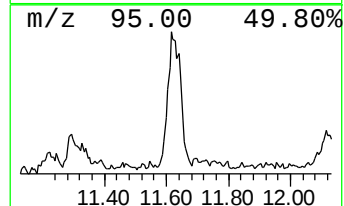
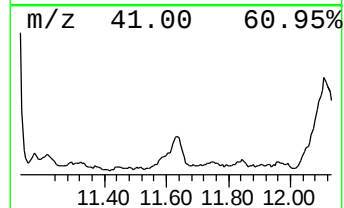
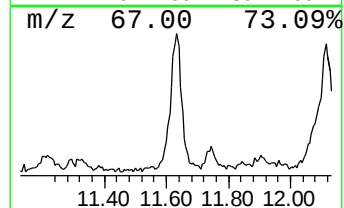
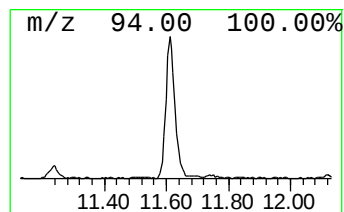
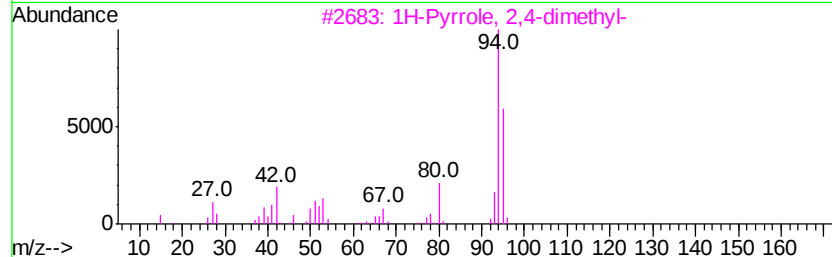
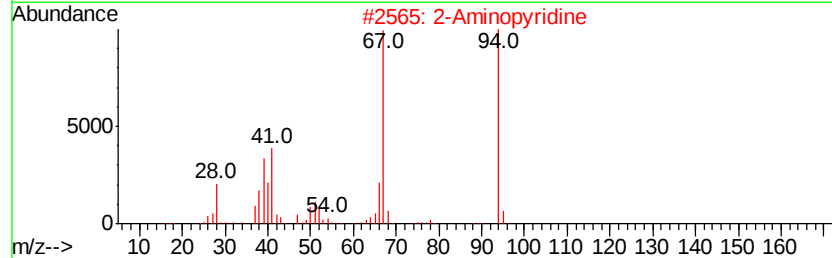
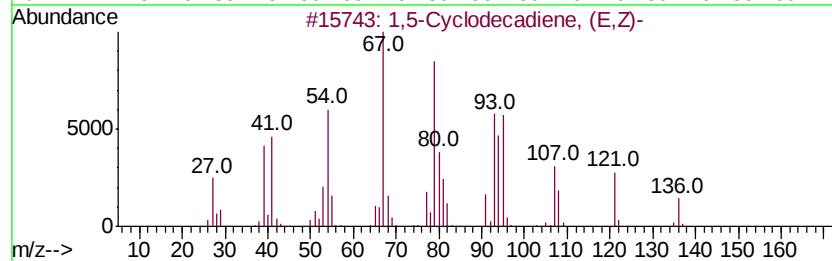
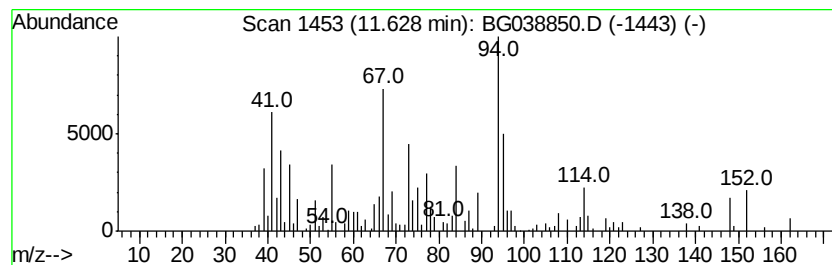
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.63 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	24.62 ng	351868	Napthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	38
2		2-Aminopyridine	94	C5H6N2	000504-29-0	35
3		1H-Pyrrole, 2,4-dimethyl-	95	C6H9N	000625-82-1	14
4		2(1H)-Pyridinone	95	C5H5NO	000142-08-5	14
5		Sorbic acid vinyl ester	138	C8H10O2	042739-26-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-4

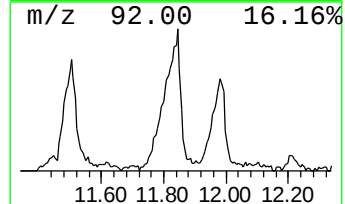
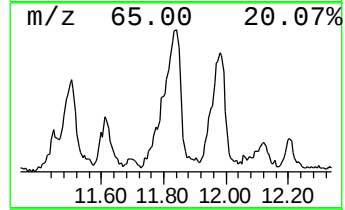
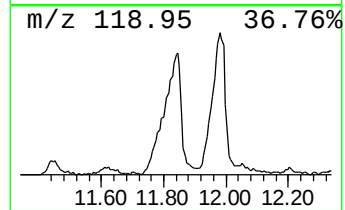
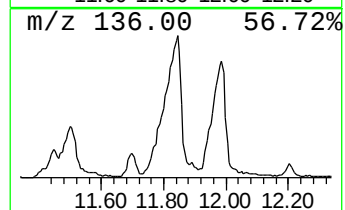
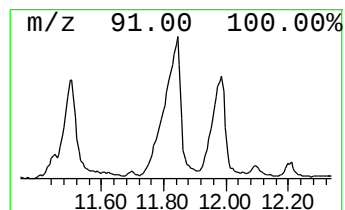
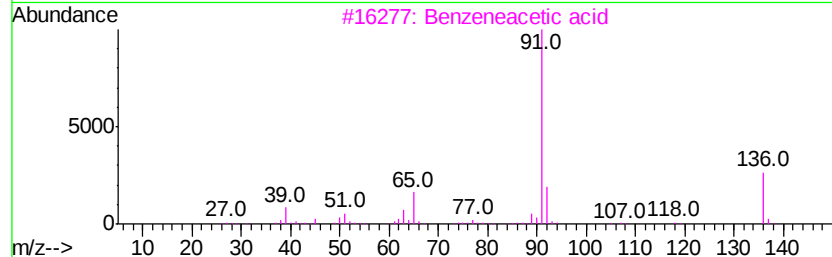
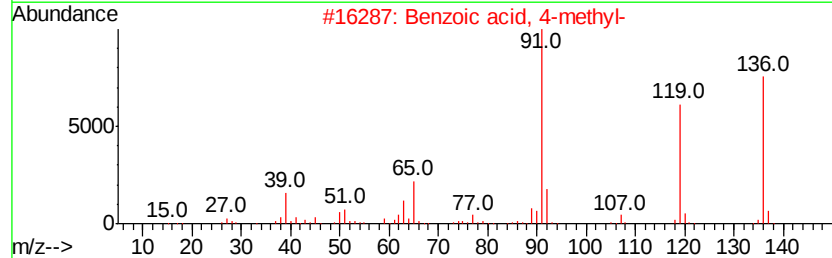
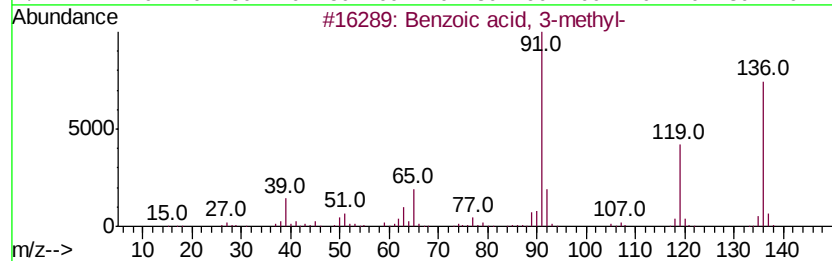
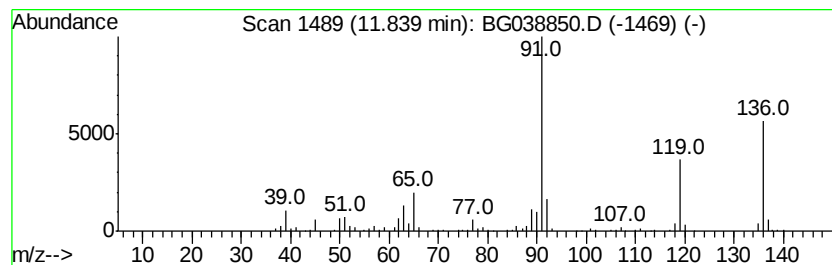
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	40.76 ng	582438	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91
3		Benzeneacetic acid	136	C8H8O2	000103-82-2	60
4		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	43
5		Benzeneacetic acid, hexyl ester	220	C14H20O2	005421-17-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-4

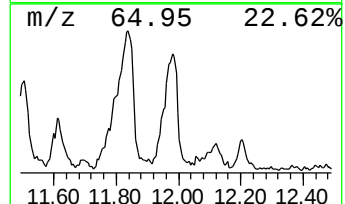
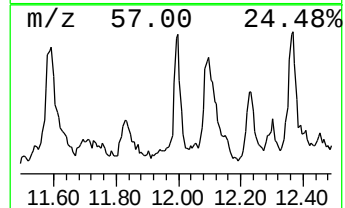
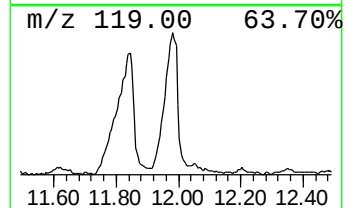
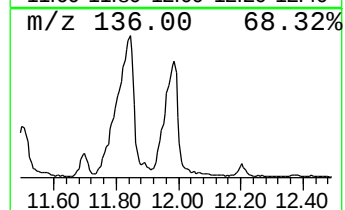
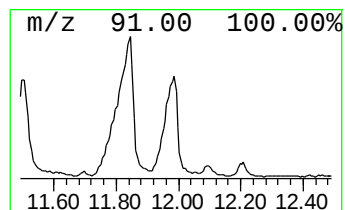
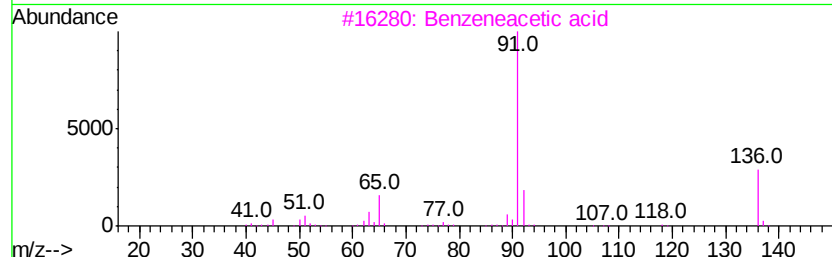
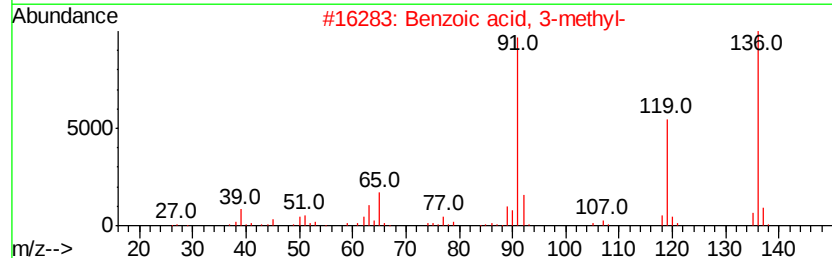
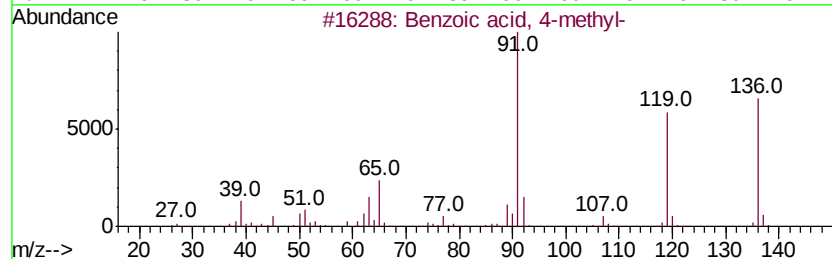
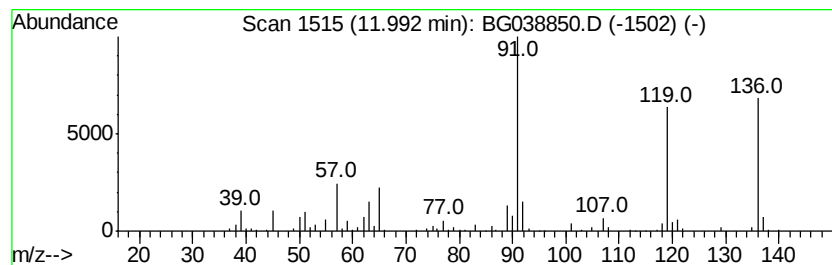
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	26.87 ng	384040	Naphthalene-d8	10.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
2			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	87
3			Benzeneacetic acid	136	C8H8O2	000103-82-2	60
4			Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	52
5			3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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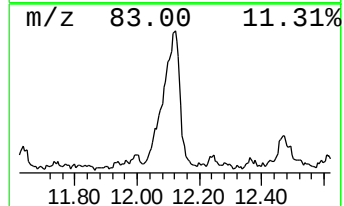
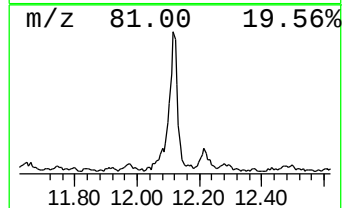
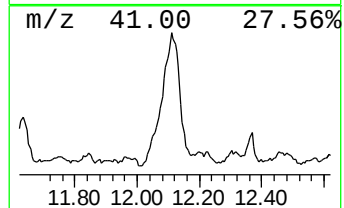
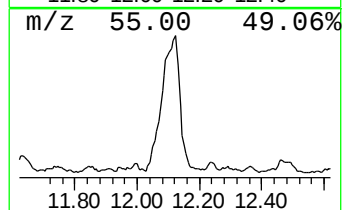
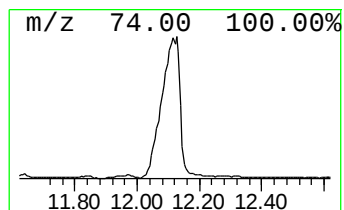
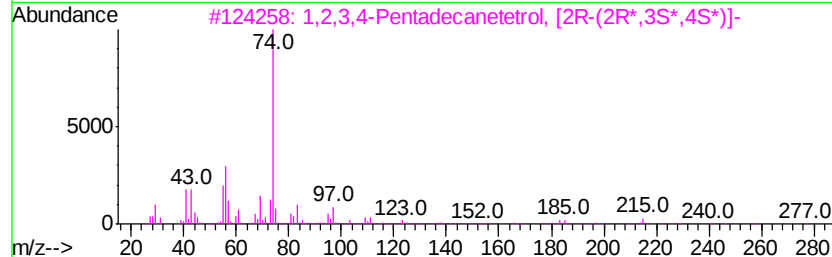
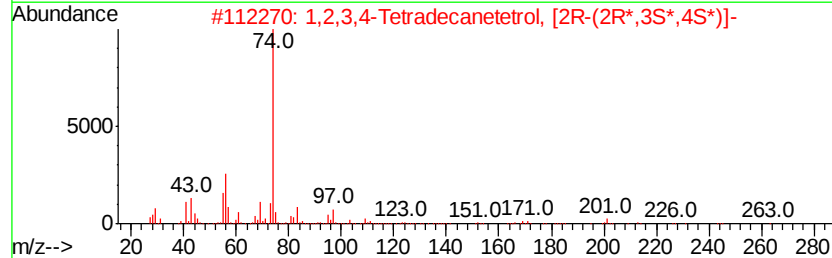
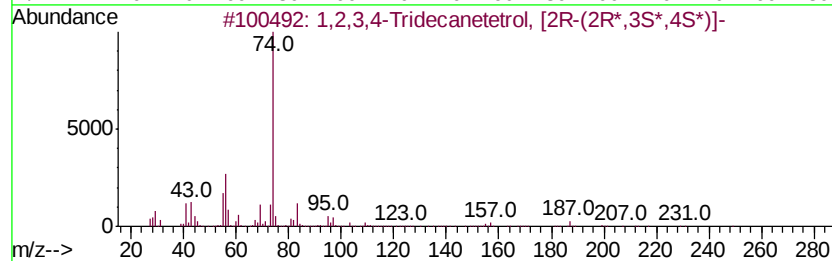
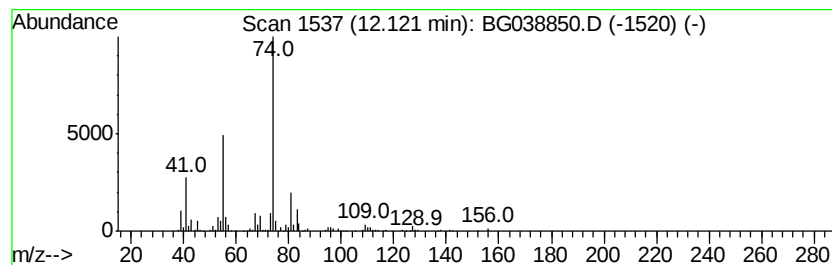
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	68.41 ng	977670	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4-Tridecanetetrol, [2R-(2R...	248	C13H28O4	136953-03-2	45
2		1,2,3,4-Tetradecanetetrol, [2R-(...	262	C14H30O4	136953-04-3	35
3		1,2,3,4-Pentadecanetetrol, [2R-(...	276	C15H32O4	136953-05-4	25
4		Hypodolycin	141	C7H11NO2	000156-56-9	9
5		Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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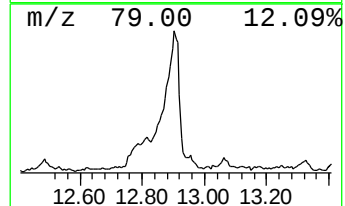
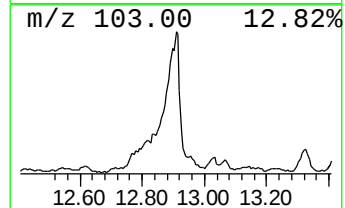
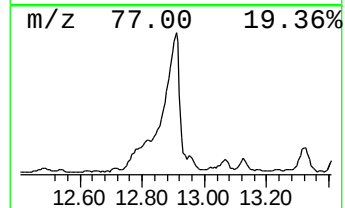
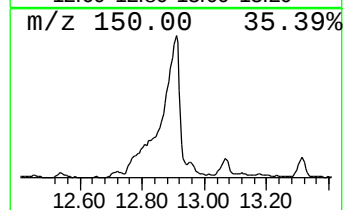
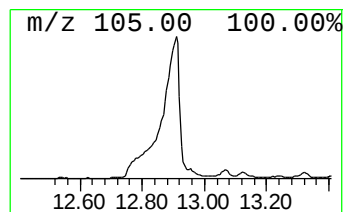
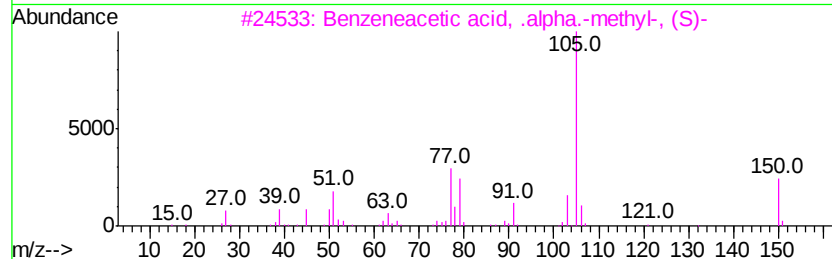
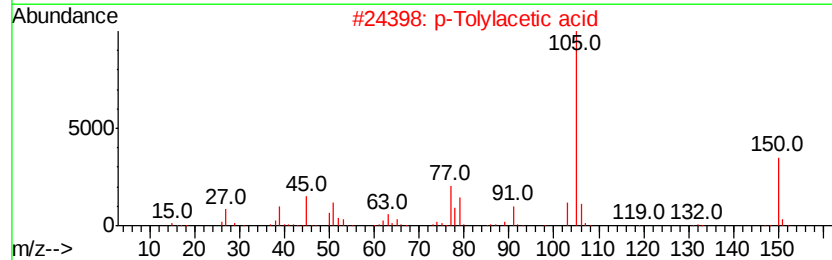
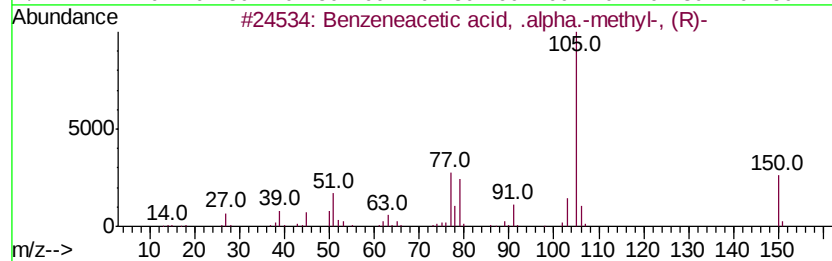
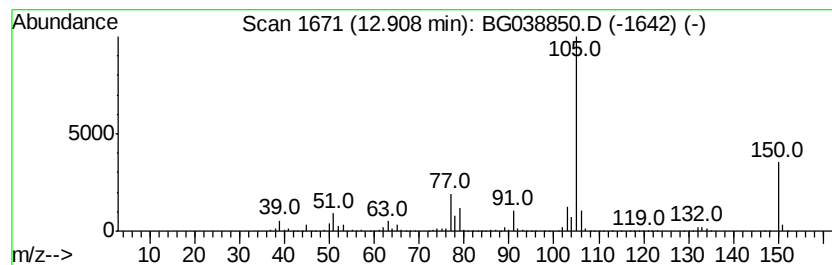
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzeneacetic acid, .alpha.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	91.43 ng	2064530	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	95
2		p-Tolylacetic acid	150	C9H10O2	000622-47-9	94
3		Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	94
4		Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
5		o-Tolylacetic acid	150	C9H10O2	000644-36-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

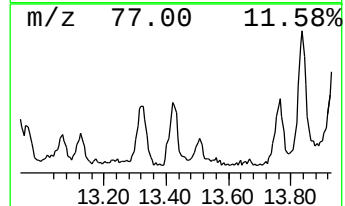
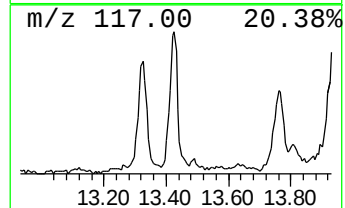
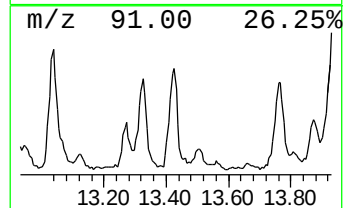
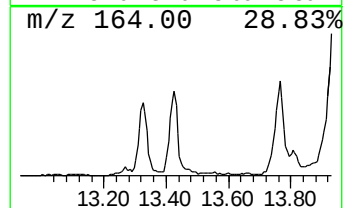
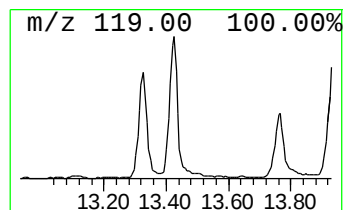
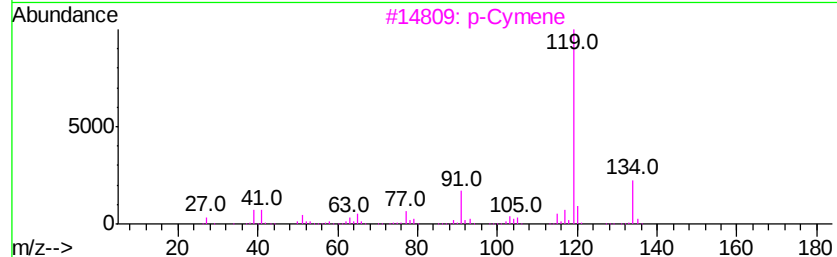
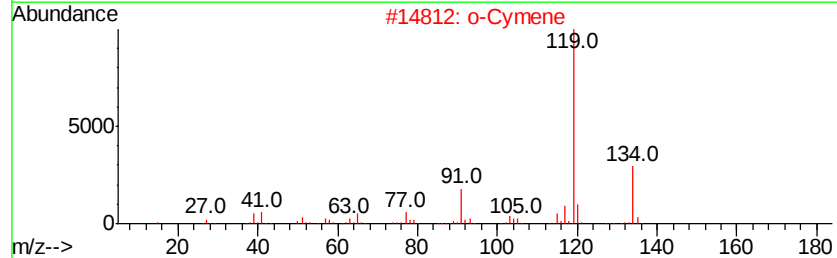
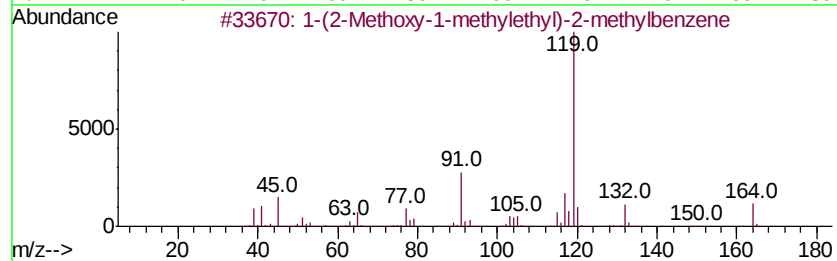
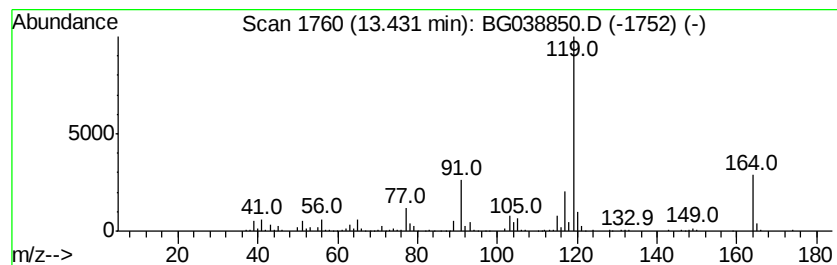
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-(2-Methoxy-1-methylethyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.43	16.71 ng	377299	Acenaphthene-d10	14.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	86
2	o-Cymene	134	C10H14	000527-84-4	72
3	p-Cymene	134	C10H14	000099-87-6	59
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-4

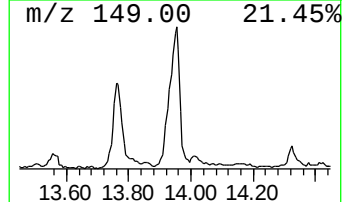
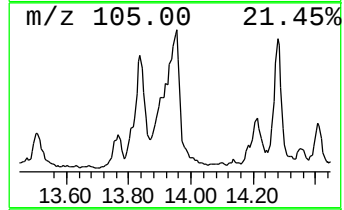
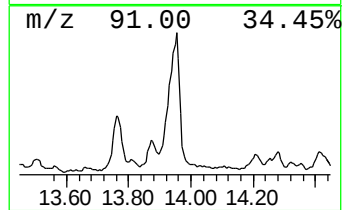
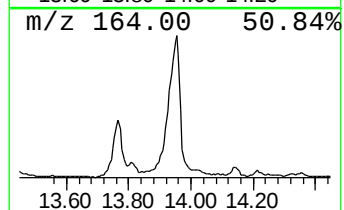
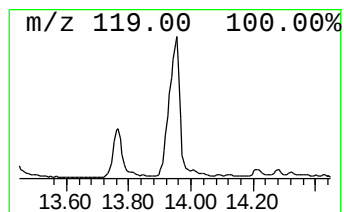
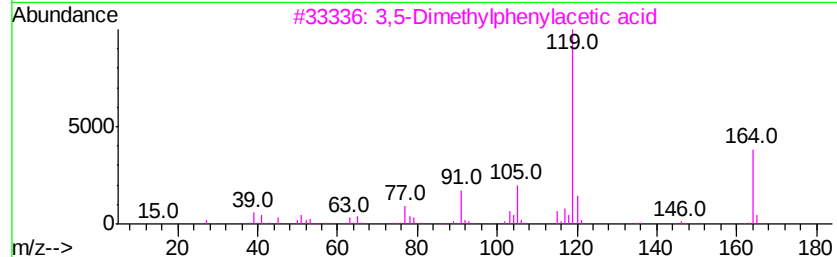
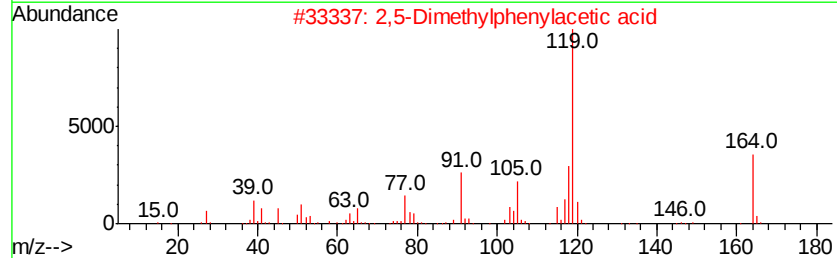
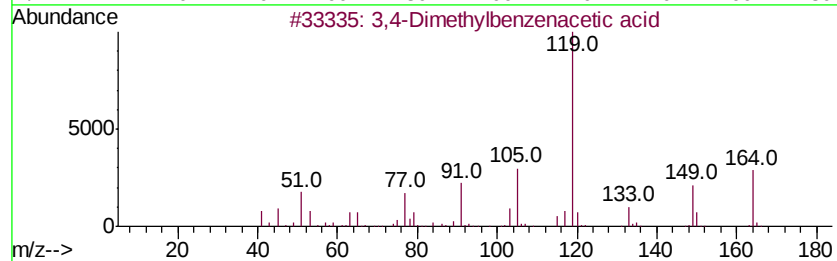
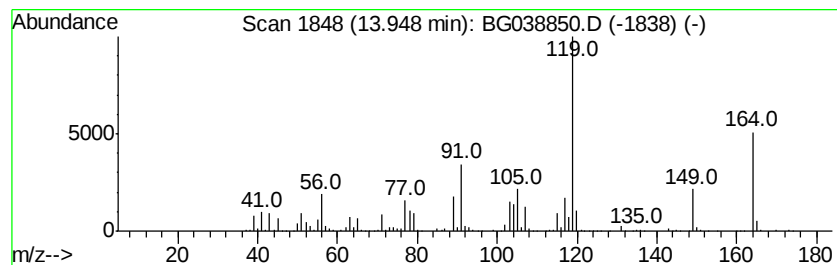
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4-Dimethylbenzenacetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	59.28 ng	1338590	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	72
2		2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	72
3		3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	64
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5		p-Cymene	134	C10H14	000099-87-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122718\
 Data File : BG038850.D
 Acq On : 27 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6533-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanoic acid	4.38	167.5	ng	1460250	1	8.06	174327	20.0
Ethanol, 2-butoxy-	6.10	20.0	ng	174629	1	8.06	174327	20.0
Hexylene glycol	6.37	38.0	ng	331457	1	8.06	174327	20.0
unknown7.59	7.59	90.8	ng	791827	1	8.06	174327	20.0
Heptanoic acid	8.71	26.4	ng	230192	1	8.06	174327	20.0
Butoxyacetic acid	9.06	17.7	ng	154595	1	8.06	174327	20.0
Hexanoic acid, 2-...	9.45	64.8	ng	564372	1	8.06	174327	20.0
3,3-Dimethylbutan...	10.63	23.5	ng	335757	2	10.87	285815	20.0
Thiophene, tetrah...	11.12	35.5	ng	506900	2	10.87	285815	20.0
unknown11.63	11.63	24.6	ng	351868	2	10.87	285815	20.0
Benzoic acid, 3-m...	11.84	40.8	ng	582438	2	10.87	285815	20.0
Benzoic acid, 4-m...	11.99	26.9	ng	384040	2	10.87	285815	20.0
unknown12.12	12.12	68.4	ng	977670	2	10.87	285815	20.0
Benzeneacetic aci...	12.91	91.4	ng	2064530	3	14.69	451586	20.0
1-(2-Methoxy-1-me...	13.43	16.7	ng	377299	3	14.69	451586	20.0
3,4-Dimethylbenze...	13.95	59.3	ng	1338590	3	14.69	451586	20.0