

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139824.D
 Acq On : 16 Oct 2024 11:45
 Operator : RC/JU
 Sample : P4396-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-FRAC-TANK

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_F\Methods\8270-BF101524.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139824.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	495	504	511	rBV	64027	97630	3.47%	0.491%
2	5.469	568	574	581	rBV	829007	1087977	38.62%	5.467%
3	6.481	741	746	756	rBV	532286	688512	24.44%	3.460%
4	6.651	771	775	778	rBV	25587	39164	1.39%	0.197%
5	6.798	793	800	804	rVB2	97710	174604	6.20%	0.877%
6	6.851	804	809	812	rBV	389281	492643	17.49%	2.476%
7	6.881	812	814	822	rVB	110613	127087	4.51%	0.639%
8	7.134	854	857	863	rVB2	27879	44148	1.57%	0.222%
9	7.257	872	878	890	rBV4	27929	56896	2.02%	0.286%
10	7.416	897	905	910	rBV	1254454	1714447	60.86%	8.615%
11	7.481	910	916	922	rVV3	44831	105116	3.73%	0.528%
12	7.563	922	930	938	rVB4	120899	223127	7.92%	1.121%
13	7.663	938	947	952	rBV2	64369	108542	3.85%	0.545%
14	7.757	959	963	966	rBV2	22205	33274	1.18%	0.167%
15	8.016	1000	1007	1018	rBV4	69007	198627	7.05%	0.998%
16	8.133	1022	1027	1032	rVB	493470	600712	21.32%	3.019%
17	8.257	1044	1048	1055	rBV5	21498	40102	1.42%	0.202%
18	8.345	1059	1063	1068	rVB2	35766	49565	1.76%	0.249%
19	8.410	1068	1074	1079	rBV2	175732	269394	9.56%	1.354%
20	8.463	1079	1083	1095	rVB8	82581	217690	7.73%	1.094%
21	8.557	1095	1099	1102	rBV2	66745	106773	3.79%	0.537%
22	8.704	1121	1124	1130	rVB5	39981	78842	2.80%	0.396%
23	8.763	1130	1134	1139	rVB2	44461	56927	2.02%	0.286%
24	8.822	1139	1144	1152	rBV2	62596	129882	4.61%	0.653%
25	8.975	1166	1170	1173	rBV3	40963	62953	2.23%	0.316%
26	9.004	1173	1175	1180	rVB2	34468	40990	1.46%	0.206%
27	9.116	1187	1194	1203	rBV3	65175	135865	4.82%	0.683%
28	9.210	1204	1210	1215	rVB	2135762	2816979	100.00%	14.156%
29	9.333	1226	1231	1234	rBV2	17871	32344	1.15%	0.163%
30	9.539	1262	1266	1270	rVB	45222	59997	2.13%	0.301%
31	9.610	1274	1278	1281	rBV3	55095	75317	2.67%	0.378%
32	9.751	1299	1302	1310	rVB3	65330	105994	3.76%	0.533%
33	9.886	1318	1325	1333	rVB	561468	762779	27.08%	3.833%
34	10.027	1345	1349	1352	rBV	98008	114306	4.06%	0.574%
35	10.186	1373	1376	1381	rBV4	21642	34634	1.23%	0.174%
36	10.292	1389	1394	1401	rBV3	44142	98575	3.50%	0.495%

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37	10.516	1428	1432	1438	rVB	49214	68798	2.44%	0.346%
38	10.604	1440	1447	1454	rBV2	233704	445153	15.80%	2.237%
39	10.674	1454	1459	1468	rVV	1189768	1570077	55.74%	7.890%
40	10.786	1475	1478	1485	rVB	33341	44411	1.58%	0.223%
41	10.922	1495	1501	1506	rVB2	354045	500980	17.78%	2.518%
42	11.180	1541	1545	1551	rBV4	26156	52727	1.87%	0.265%
43	11.263	1556	1559	1562	rVV	74240	86193	3.06%	0.433%
44	11.292	1562	1564	1567	rVB	52863	51006	1.81%	0.256%
45	11.369	1571	1577	1585	rVB	506855	674538	23.95%	3.390%
46	11.469	1585	1594	1598	rBV2	115800	229505	8.15%	1.153%
47	11.510	1598	1601	1604	rBV	25859	29698	1.05%	0.149%
48	11.739	1636	1640	1645	rVB	176838	232236	8.24%	1.167%
49	11.892	1657	1666	1674	rBV2	218166	393801	13.98%	1.979%
50	12.010	1682	1686	1694	rVB3	72340	121285	4.31%	0.609%
51	12.210	1717	1720	1725	rVB3	28957	37384	1.33%	0.188%
52	12.345	1739	1743	1747	rVB2	43106	54143	1.92%	0.272%
53	12.427	1753	1757	1768	rVB3	50497	91155	3.24%	0.458%
54	12.568	1777	1781	1785	rBV2	32747	59194	2.10%	0.297%
55	12.633	1789	1792	1796	rVV2	59751	94643	3.36%	0.476%
56	12.674	1796	1799	1806	rVB2	83011	130140	4.62%	0.654%
57	12.845	1824	1828	1835	rVB2	32355	48301	1.71%	0.243%
58	12.957	1840	1847	1858	rVB	1425166	1921630	68.22%	9.657%
59	13.257	1895	1898	1902	rVB3	27355	35498	1.26%	0.178%
60	13.851	1996	1999	2010	rVB	42417	85628	3.04%	0.430%
61	14.010	2021	2026	2034	rVB	295376	391776	13.91%	1.969%
62	14.104	2038	2042	2046	rBV	41484	51791	1.84%	0.260%
63	14.527	2110	2114	2125	rVB	67256	113080	4.01%	0.568%
64	14.710	2140	2145	2152	rBV	74485	116877	4.15%	0.587%
65	14.821	2159	2164	2179	rVB	114601	211023	7.49%	1.060%
66	15.474	2269	2275	2284	rVB	302031	469126	16.65%	2.357%
67	15.592	2290	2295	2305	rBV	137158	282144	10.02%	1.418%
68	17.115	2546	2554	2574	rBV5	35596	123222	4.37%	0.619%

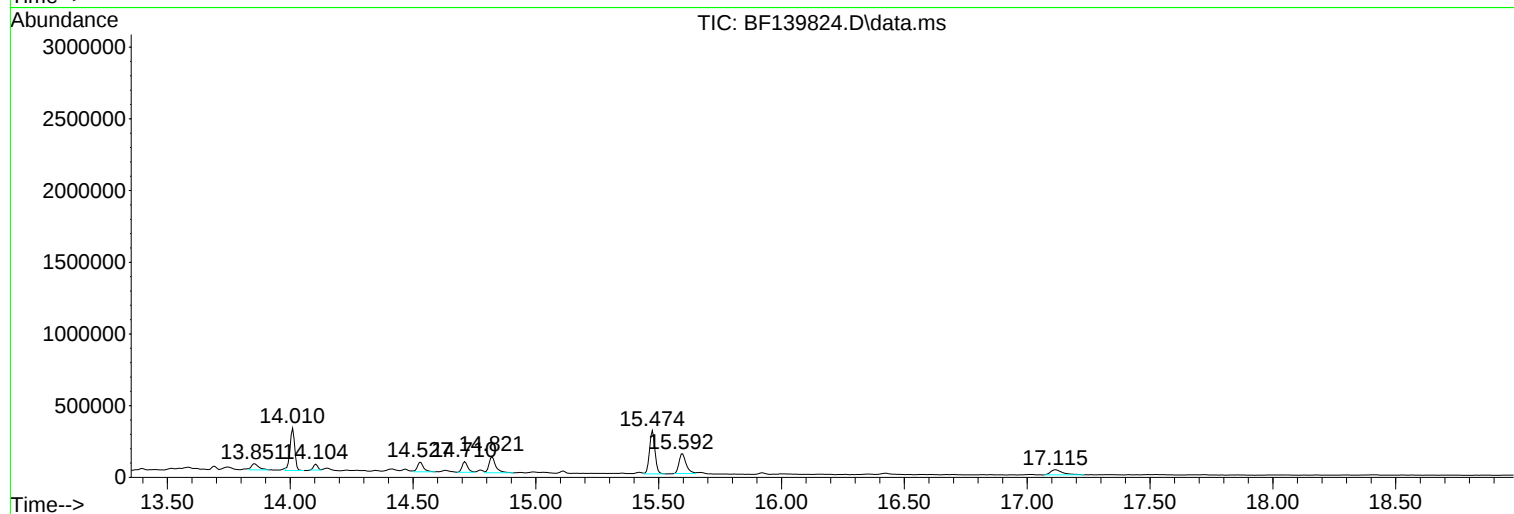
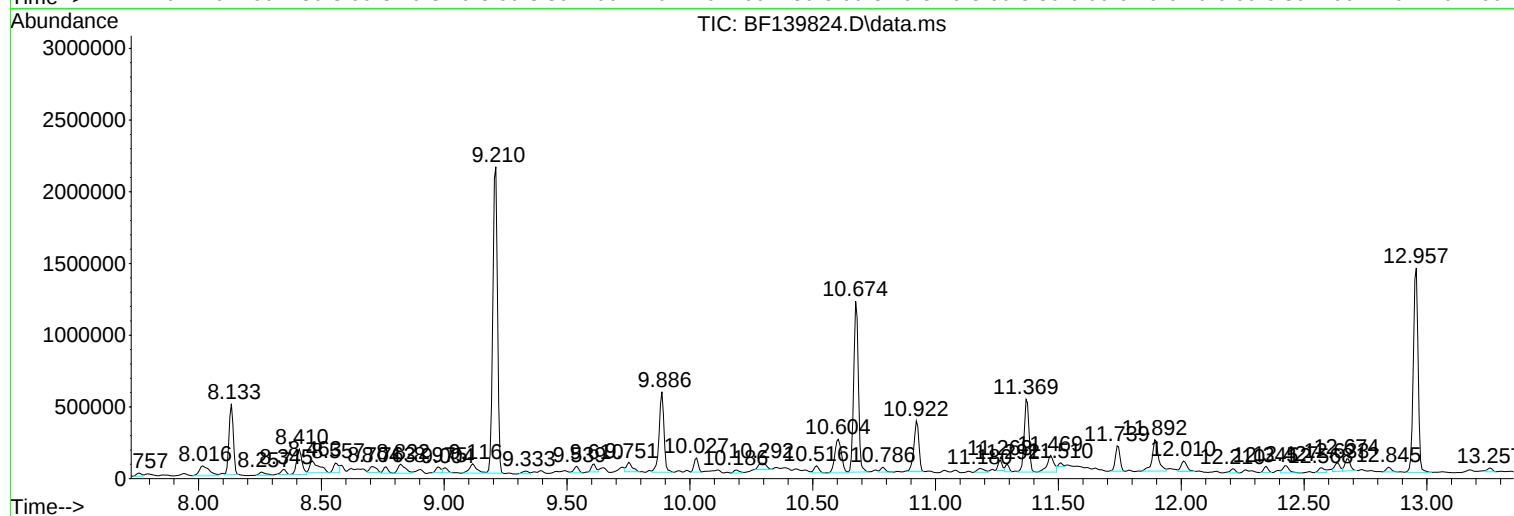
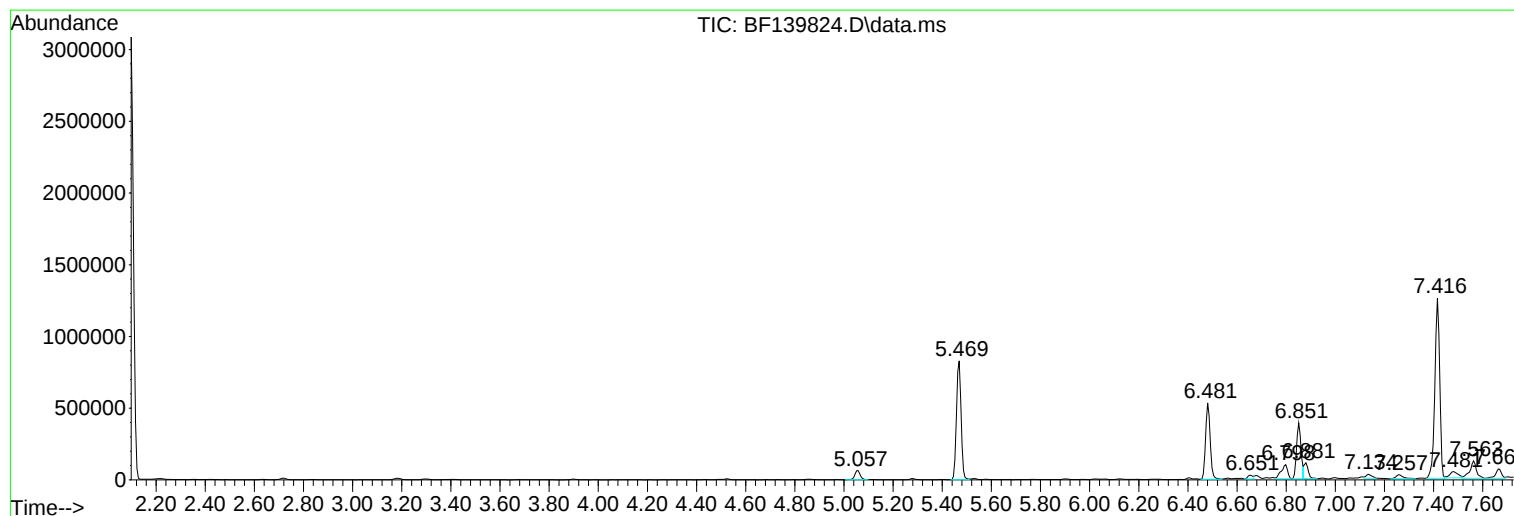
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ClientSampleId :
WASTE-WATER-FRAC-TANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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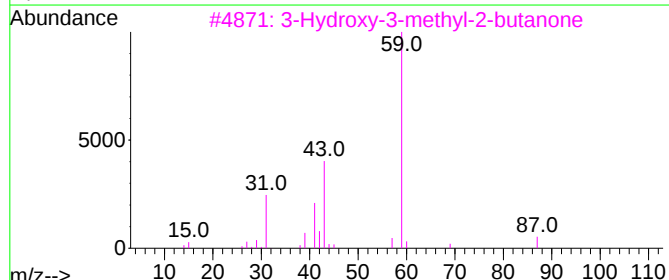
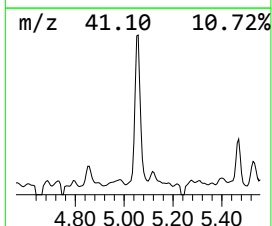
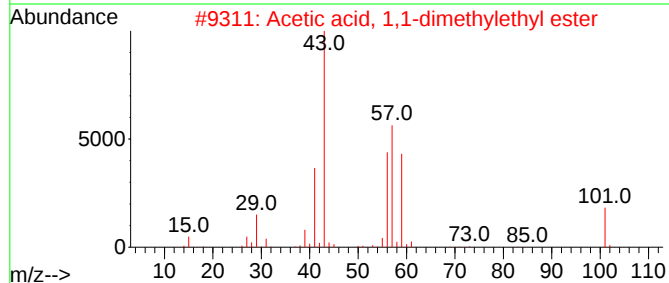
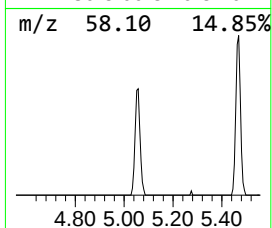
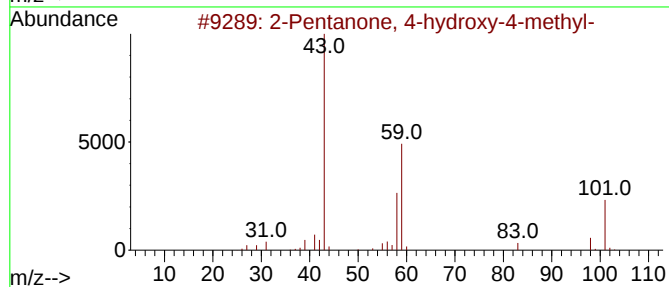
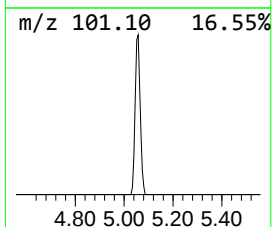
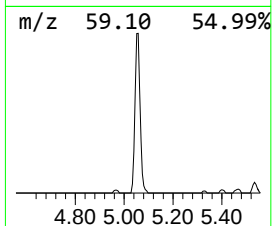
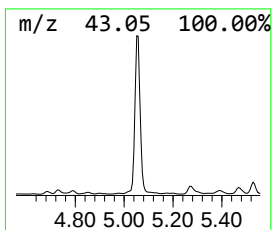
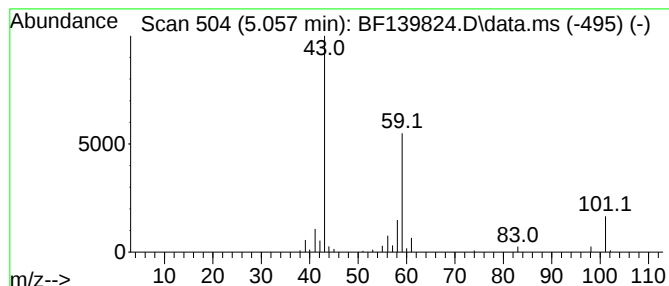
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	3.96 ng	97630	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25		



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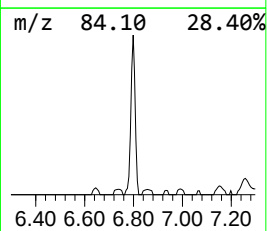
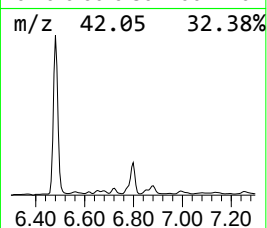
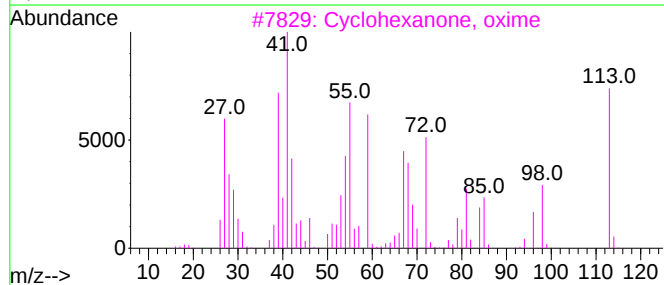
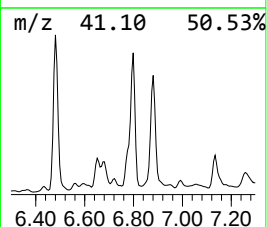
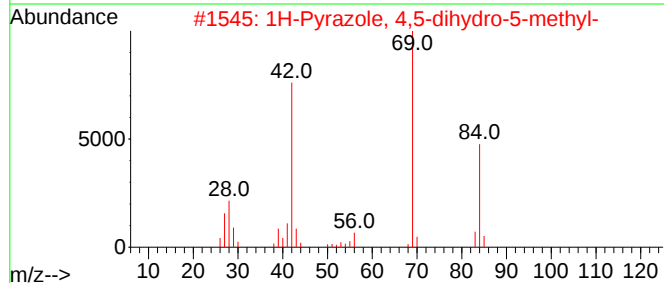
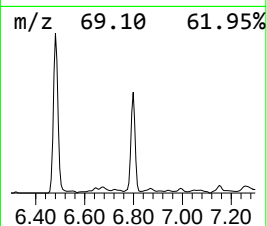
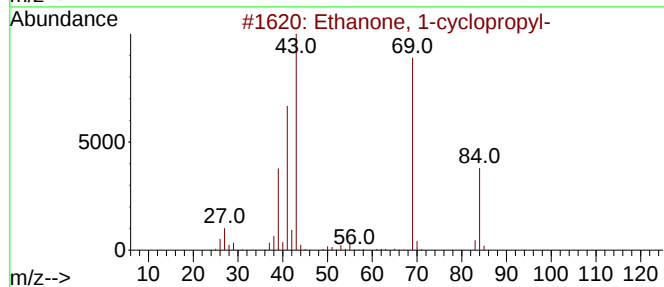
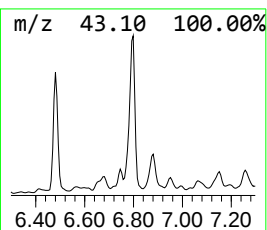
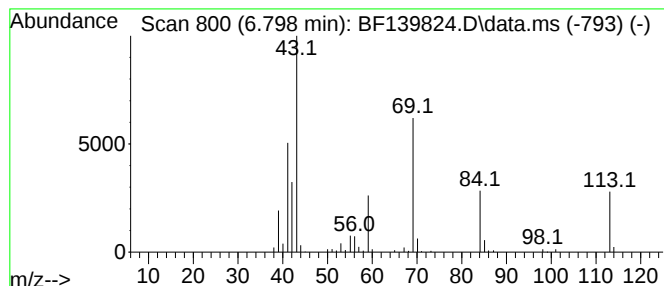
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.798 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.798	7.09 ng	174604	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	35
2			1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	27
3			Cyclohexanone, oxime	113	C6H11NO	000100-64-1	25
4			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	22
5			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	22



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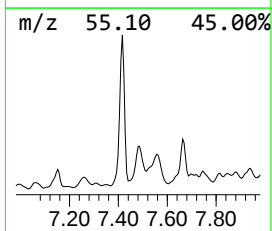
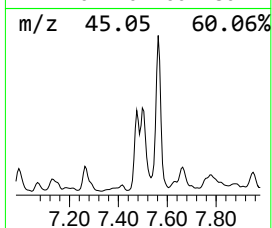
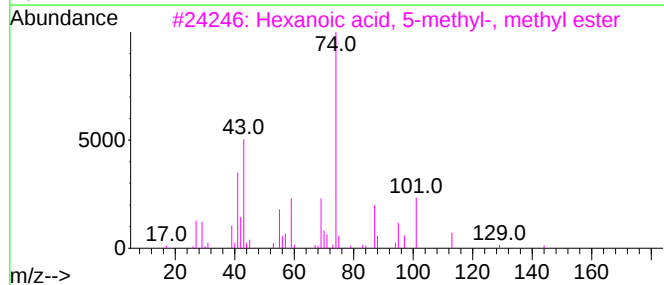
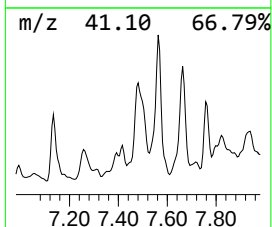
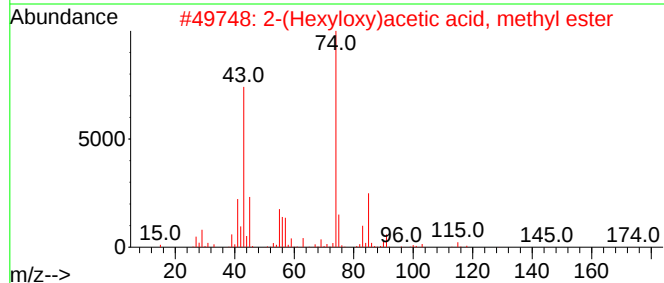
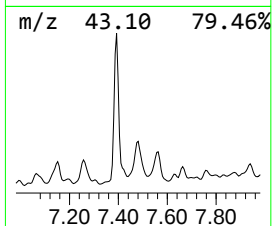
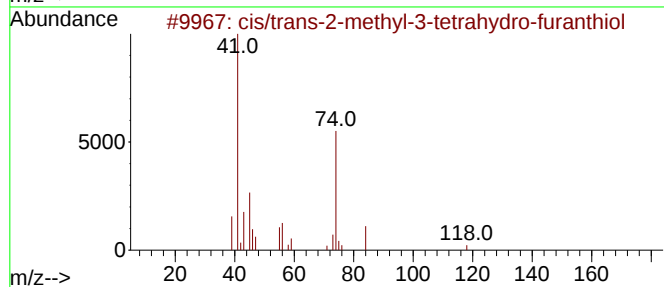
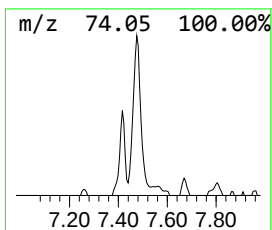
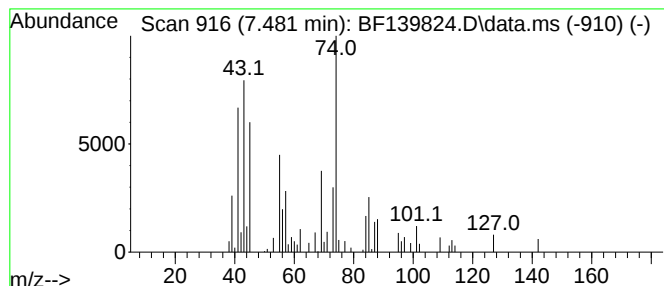
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown7.481 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	4.27 ng	105116	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis/trans-2-methyl-3-tetrahydro-...	118	C5H10O5	1000357-16-8	38
2			2-(Hexyloxy)acetic acid, methyl ...	174	C9H18O3	070038-38-9	38
3			Hexanoic acid, 5-methyl-, methyl...	144	C8H16O2	002177-83-5	27
4			Methyl isovalerate	116	C6H12O2	000556-24-1	25
5			Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	25



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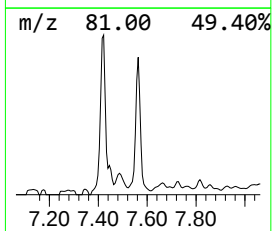
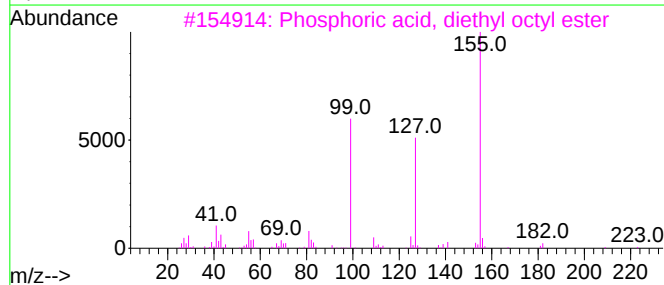
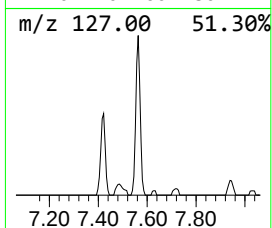
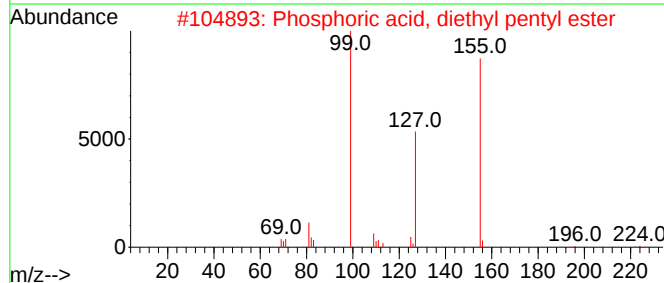
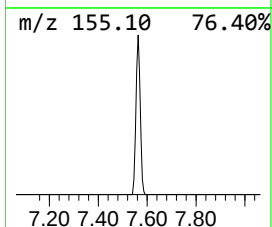
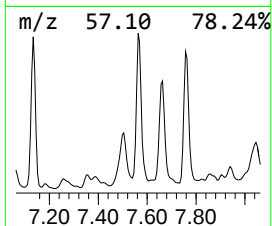
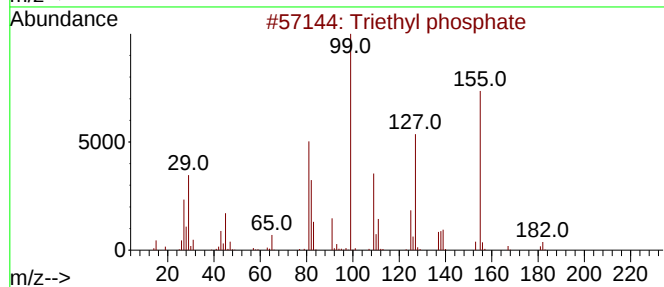
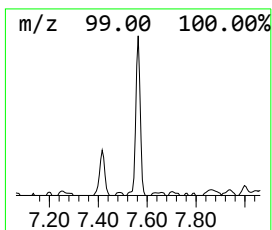
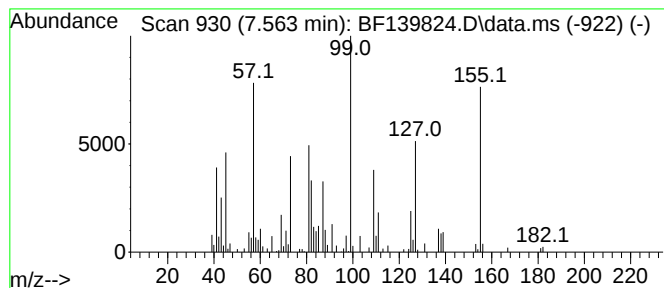
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Triethyl phosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	7.43 ng	223127	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triethyl phosphate	182	C6H15O4P	000078-40-0	95
2			Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	59
3			Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	53
4			Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	40
5			4-Methylpentyl methylphosphonofl...	182	C7H16FO2P	959010-20-9	10



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Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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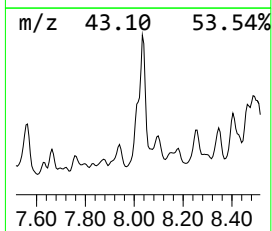
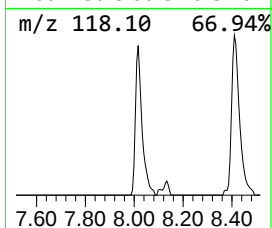
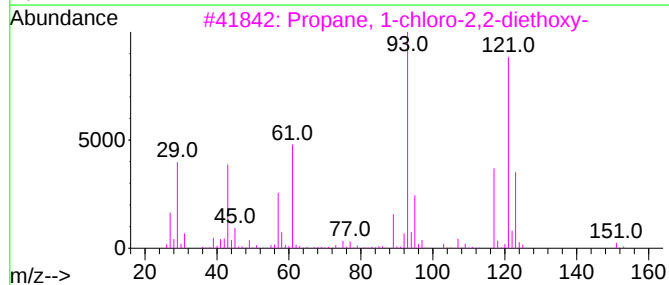
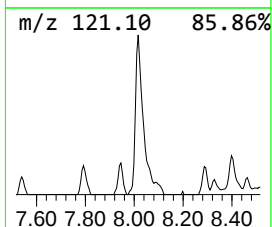
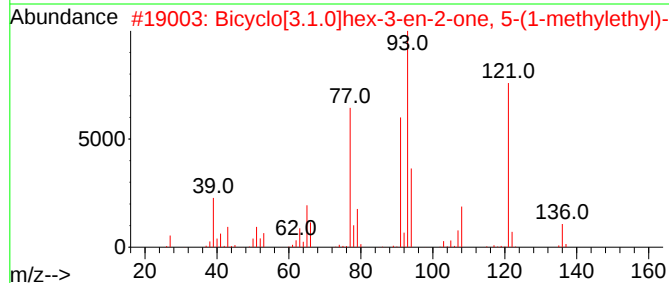
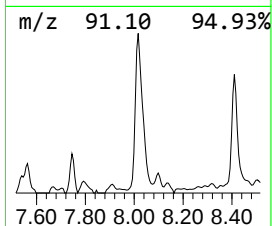
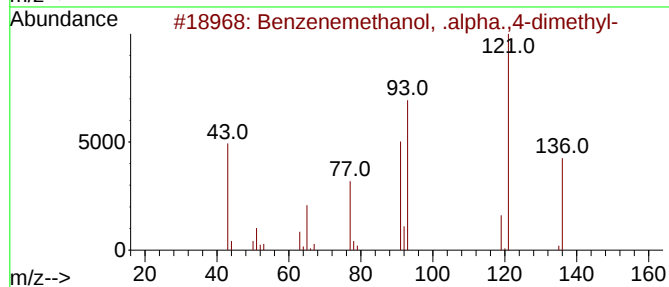
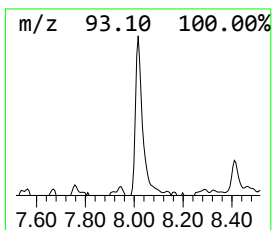
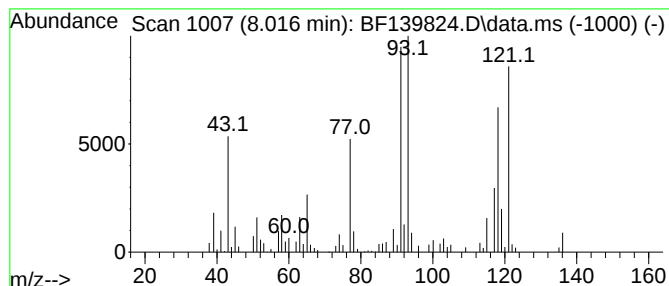
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzenemethanol, .alpha.,4-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	6.61 ng	198627	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	62
2			Bicyclo[3.1.0]hex-3-en-2-one, 5-...	136	C9H12O	036262-12-1	50
3			Propane, 1-chloro-2,2-diethoxy-	166	C7H15ClO2	063594-18-3	37
4			Benzene, 1-methyl-4-nitroso-	121	C7H7NO	000623-11-0	27
5			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
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Sample : P4396-01
Misc :
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Instrument :
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ClientSampleId :
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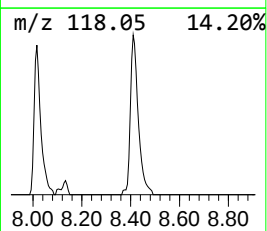
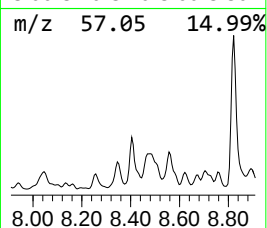
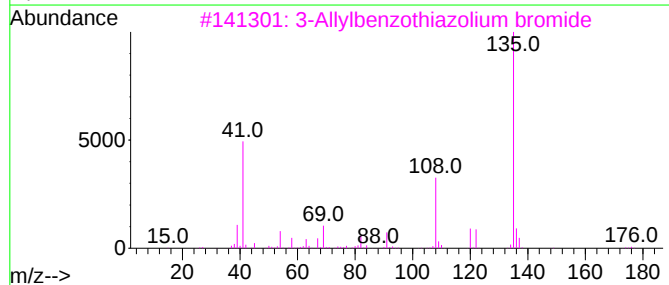
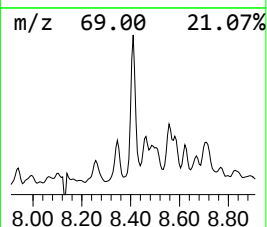
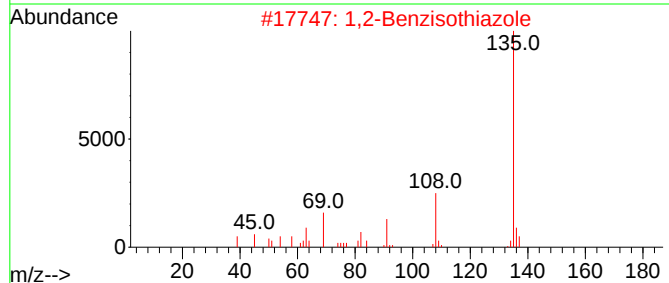
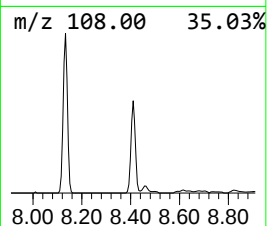
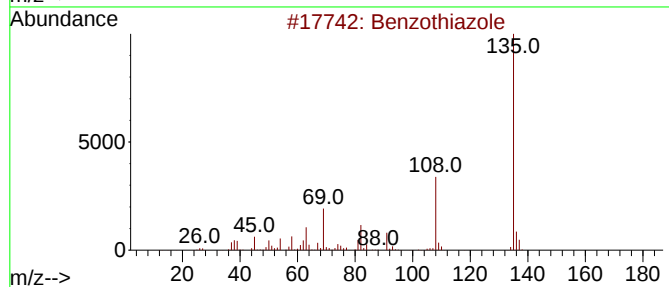
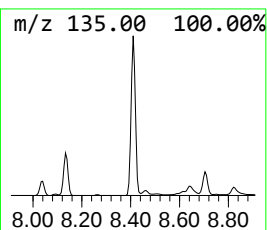
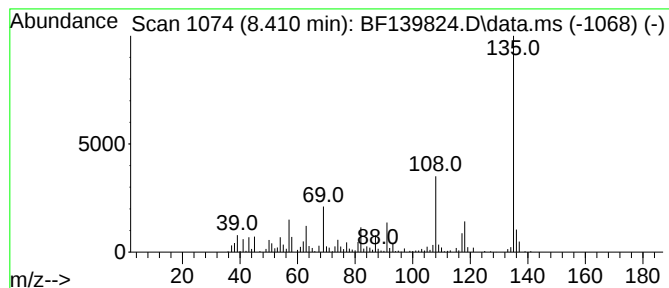
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzothiazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	8.97 ng	269394	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzothiazole	135	C7H5NS	000095-16-9	96
2			1,2-Benzisothiazole	135	C7H5NS	000272-16-2	87
3			3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	64
4			Adenine	135	C5H5N5	000073-24-5	58
5			Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
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Operator : RC/JU
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Instrument :
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ClientSampleId :
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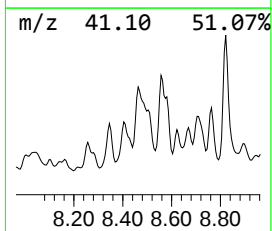
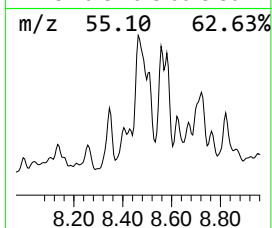
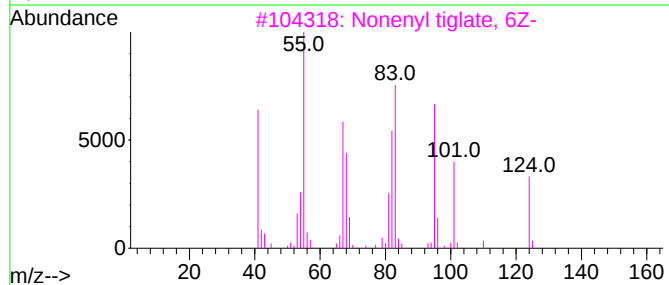
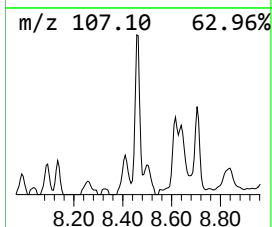
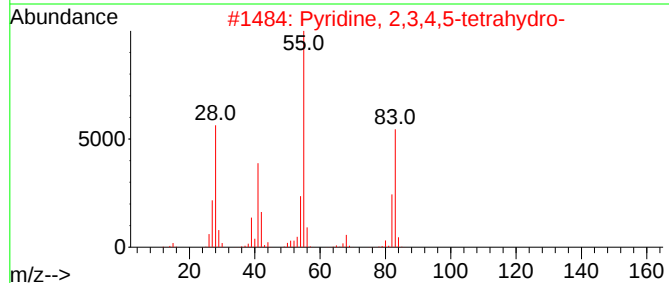
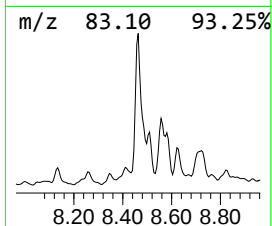
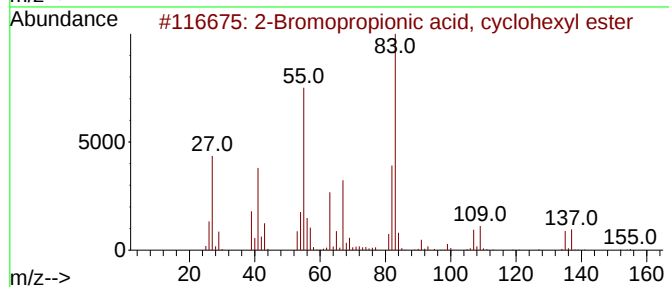
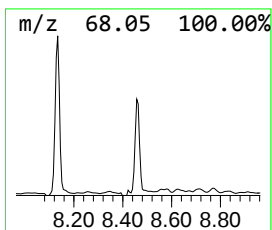
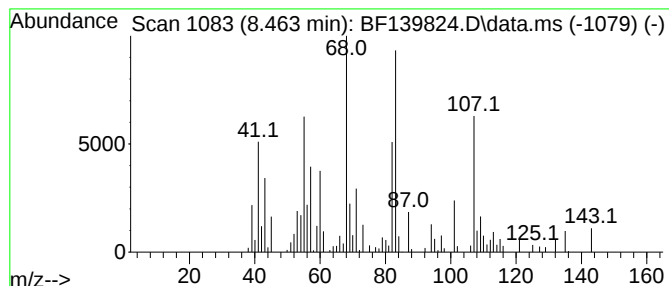
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.463 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	7.25 ng	217690	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromopropionic acid, cyclohexy...	234	C9H15BrO2	015151-89-0	35		
2	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	27		
3	Nonenyl tiglate, 6Z-	224	C14H24O2	1000383-60-9	22		
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	22		
5	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
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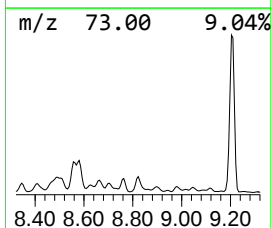
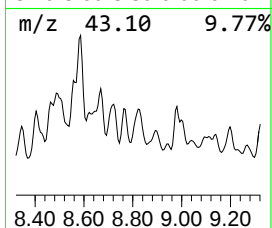
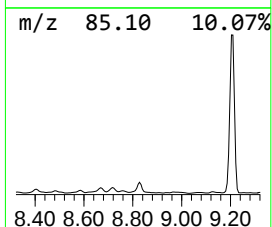
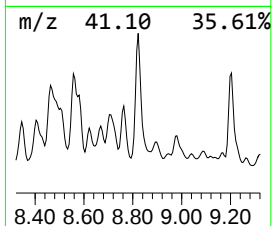
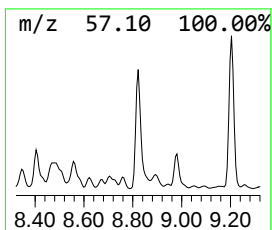
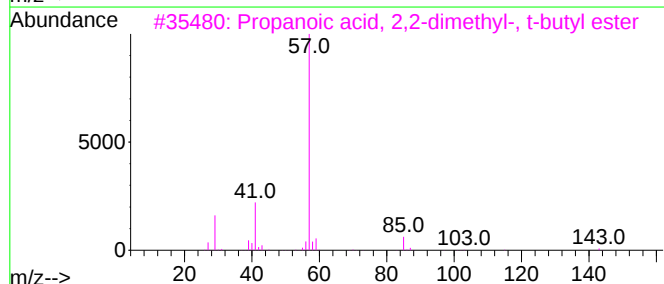
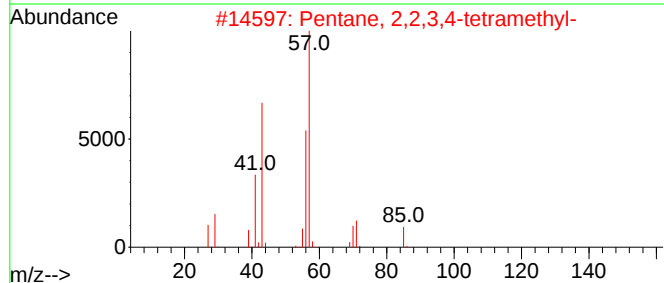
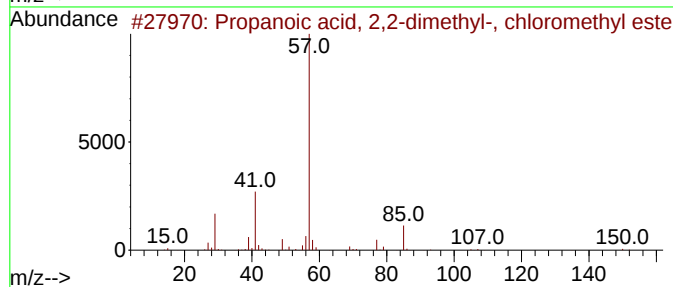
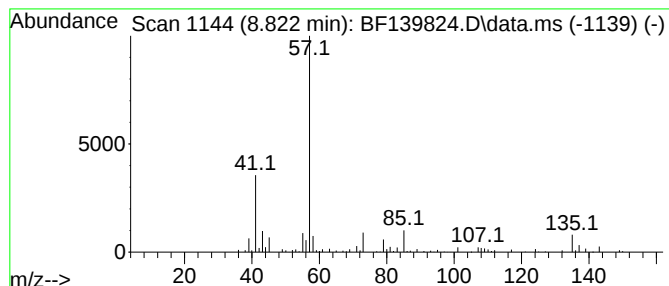
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.822 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	4.32 ng	129882	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2-dimethyl-, c...	150	C6H11ClO2	018997-19-8	32
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	32
3			Propanoic acid, 2,2-dimethyl-, t...	158	C9H18O2	016474-43-4	32
4			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	23
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
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Sample : P4396-01
Misc :
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Instrument :
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ClientSampleId :
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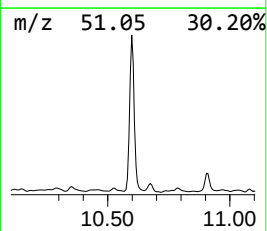
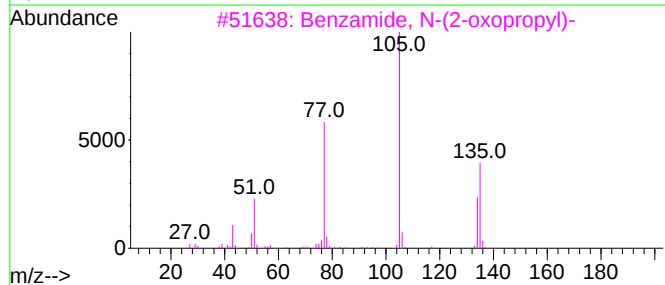
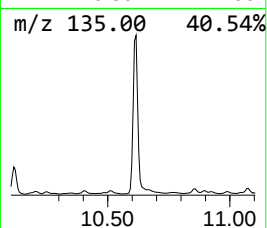
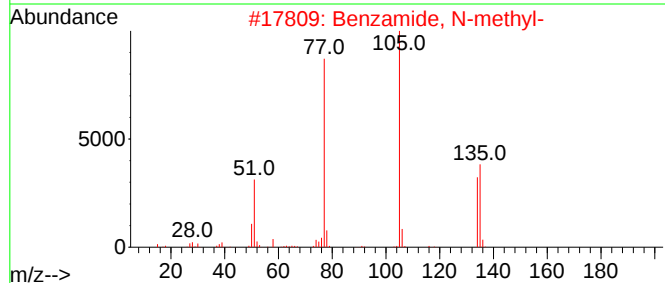
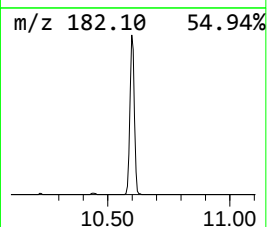
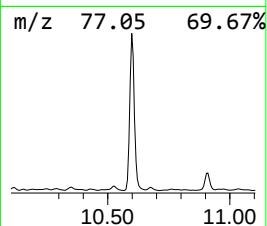
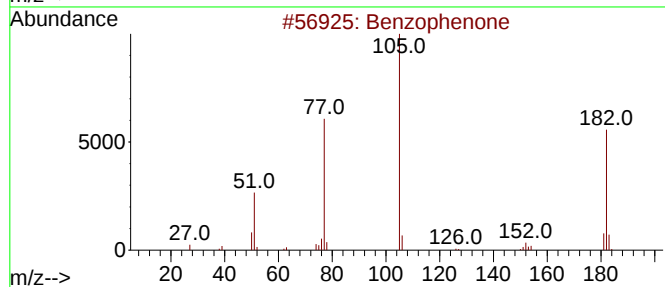
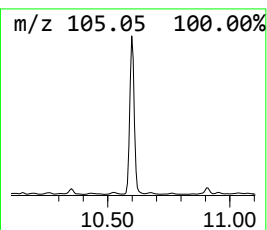
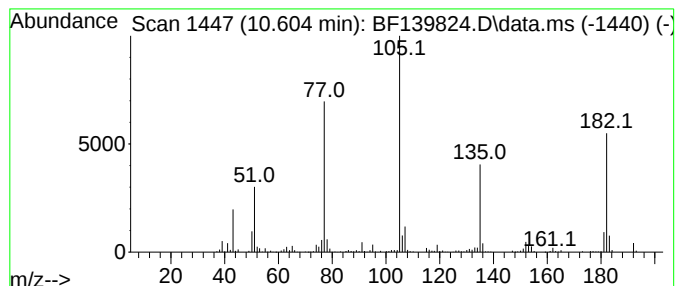
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	11.67 ng	445153	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzamide, N-methyl-	135	C8H9NO	000613-93-4	60
3			Benzamide, N-(2-oxopropyl)-	177	C10H11NO2	050996-03-7	49
4			Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	46
5			Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
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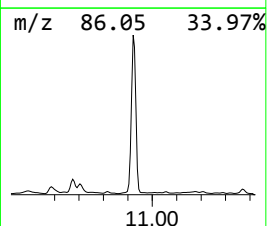
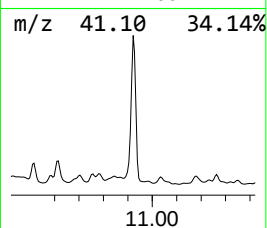
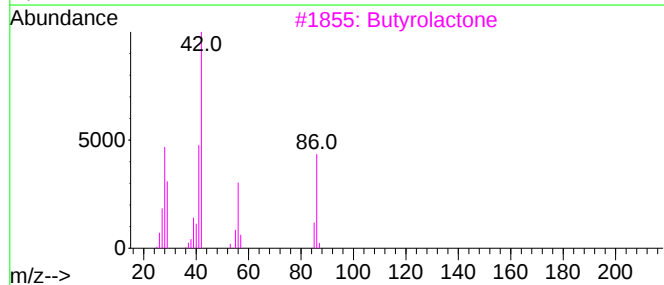
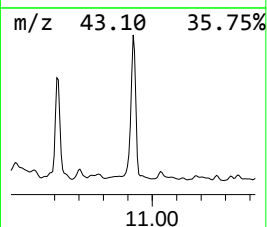
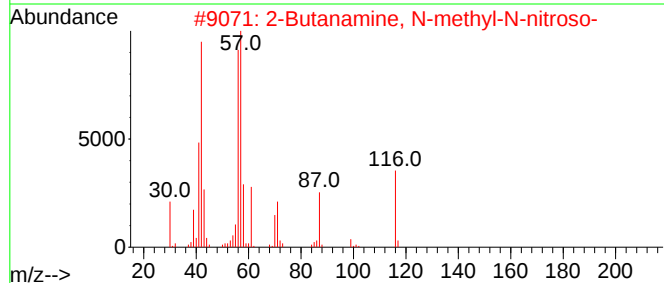
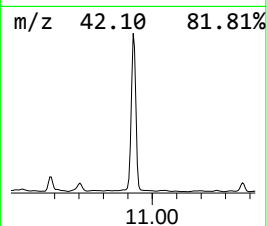
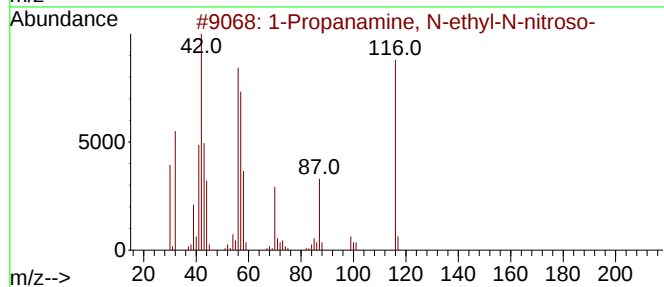
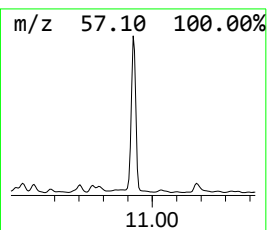
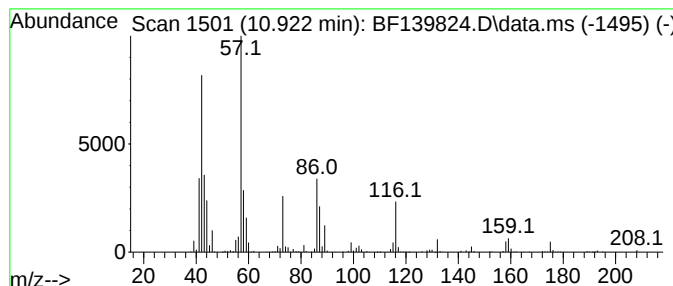
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Propanamine, N-ethyl-N-ni... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.922	14.85 ng	500980	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Propanamine, N-ethyl-N-nitroso-		116	C5H12N2O	025413-61-0	52
2	2-Butanamine, N-methyl-N-nitroso-		116	C5H12N2O	035606-37-2	50
3	Butyrolactone		86	C4H6O2	000096-48-0	25
4	Oxaziridine, 2-methyl-3-propyl-		101	C5H11NO	058751-77-2	17
5	(3S)-(+)-1-Benzyl-3-aminopyrroli...		176	C11H16N2	114715-38-7	10



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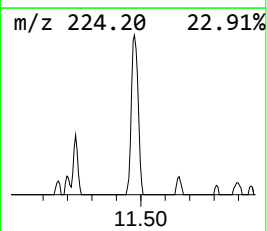
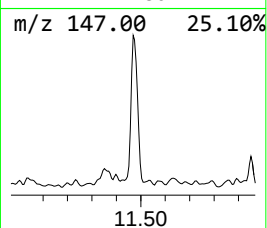
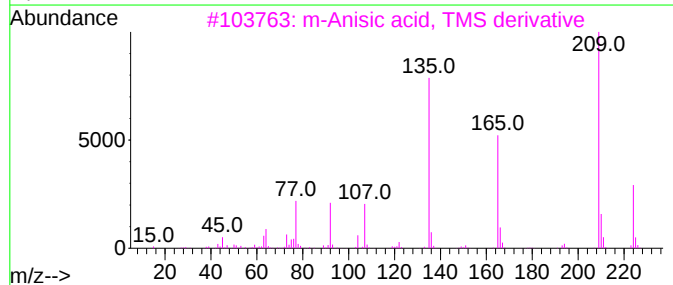
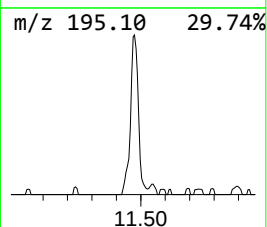
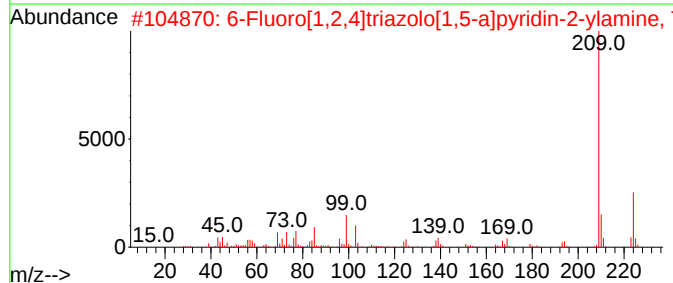
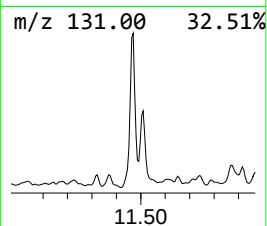
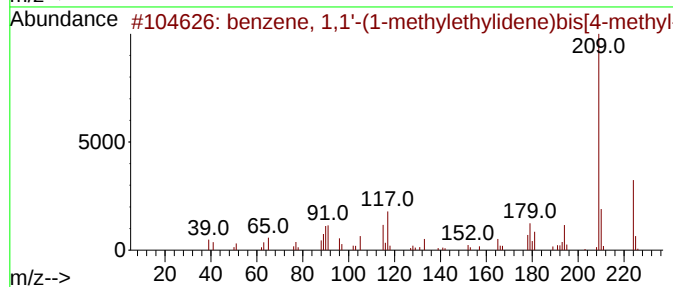
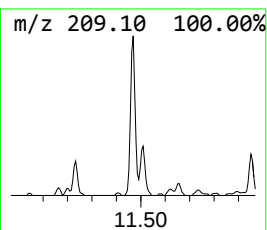
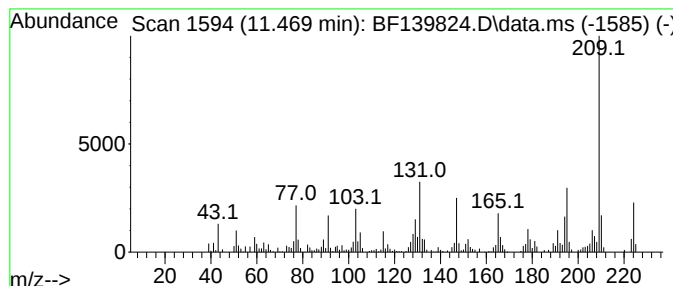
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.469 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	6.80 ng	229505	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			benzene, 1,1'-(1-methylethyliden...	224	C17H20	1000400-89-0	46
2			6-Fluoro[1,2,4]triazolo[1,5-a]py...	224	C9H13FN4Si	1000500-35-8	46
3			m-Anisic acid, TMS derivative	224	C11H16O3Si	959111-51-4	43
4			2-[p-Aminophenyl]benzimidazole	209	C13H11N3	002963-77-1	38
5			Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

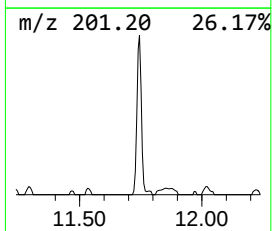
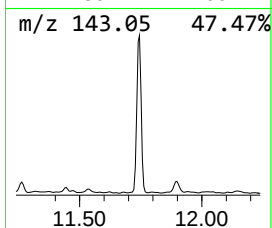
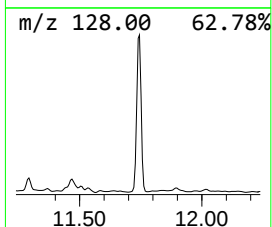
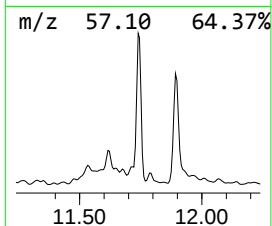
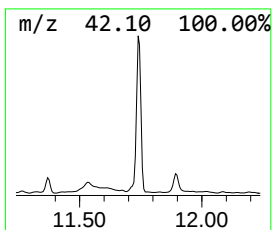
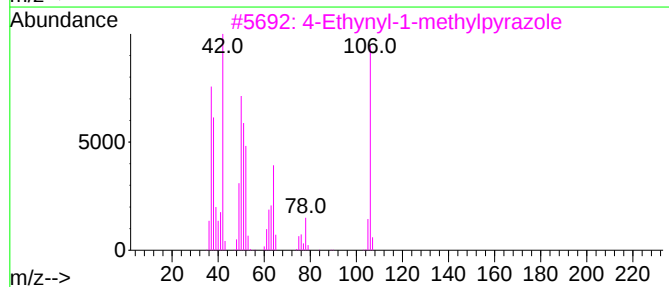
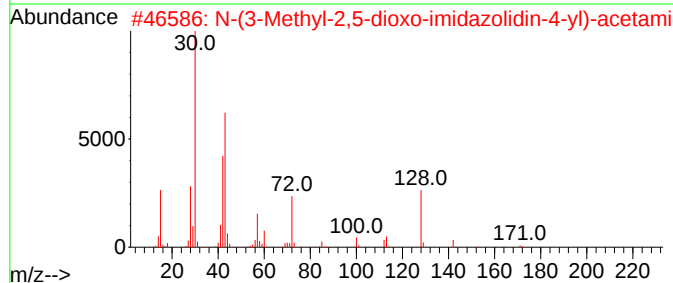
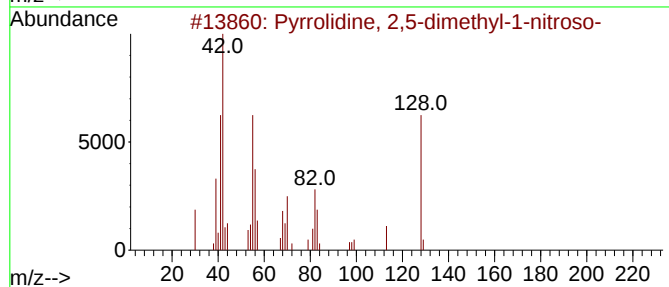
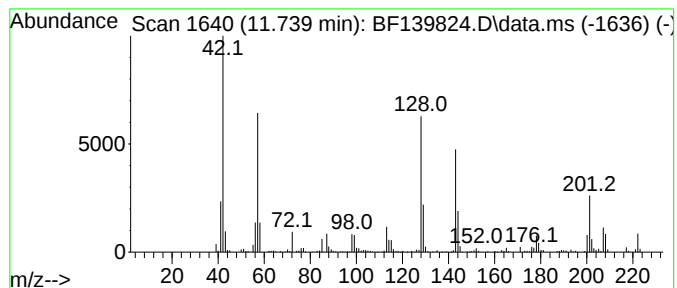
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.739 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	6.89 ng	232236	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrrolidine, 2,5-dimethyl-1-nitr...	128	C6H12N2O	055556-86-0	23
2			N-(3-Methyl-2,5-dioxo-imidazolid...	171	C6H9N3O3	1000287-36-8	23
3			4-Ethynyl-1-methylpyrazole	106	C6H6N2	039806-89-8	22
4			Aziridine, 1-methyl-	57	C3H7N	001072-44-2	22
5			2,7-Ethanonaphth[2,3-b]oxirene, ...	172	C12H12O	054515-76-3	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

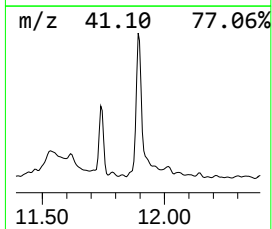
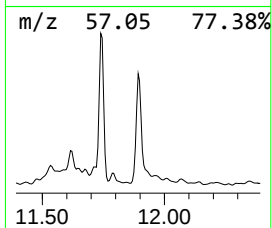
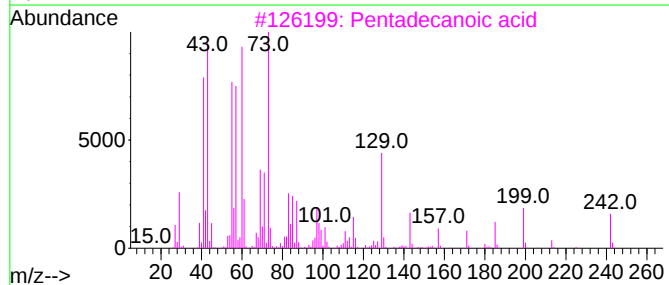
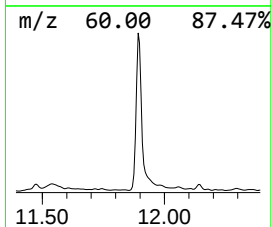
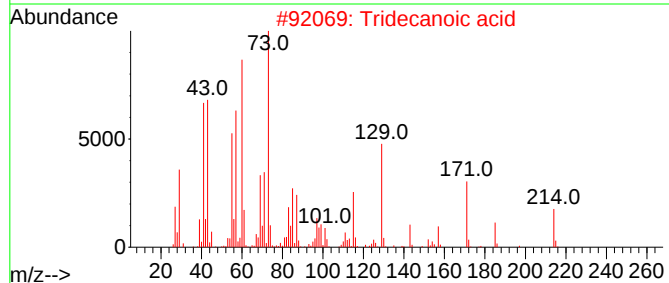
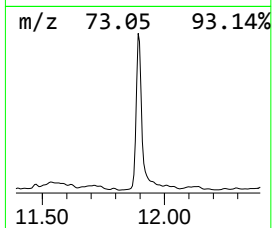
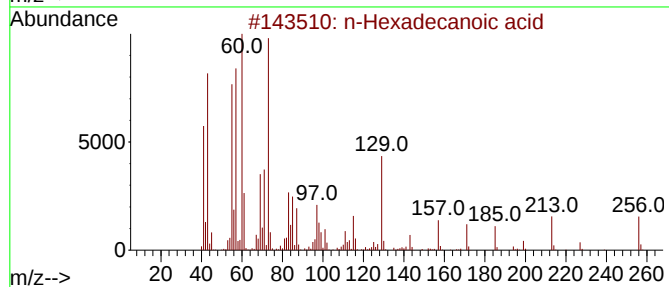
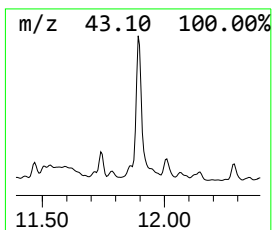
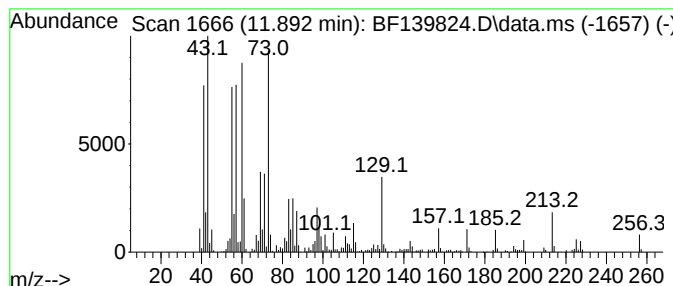
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	11.68 ng	393801	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

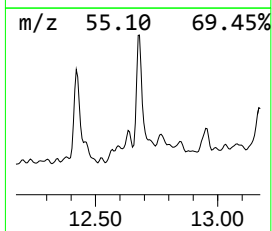
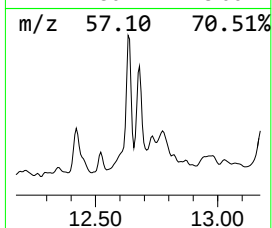
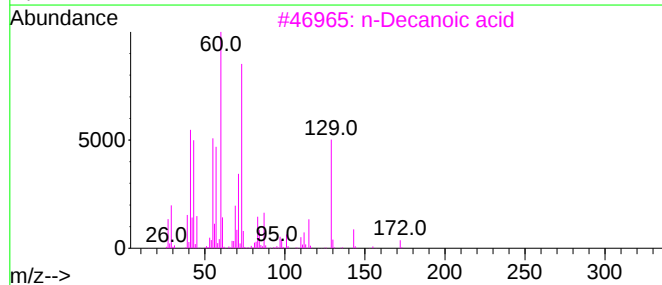
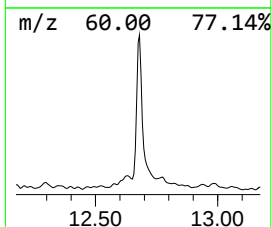
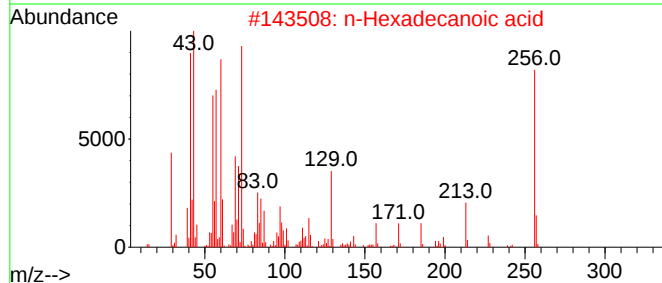
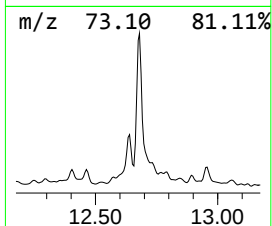
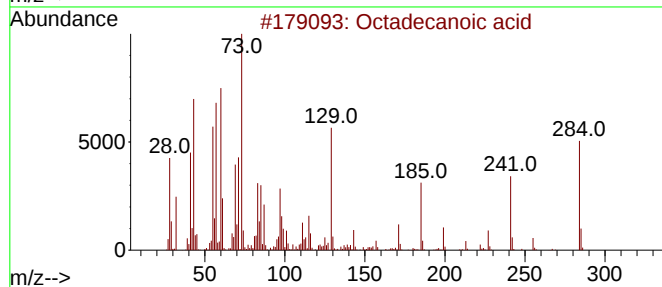
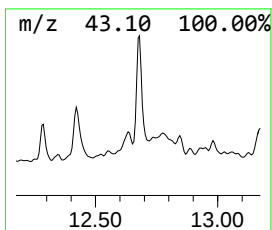
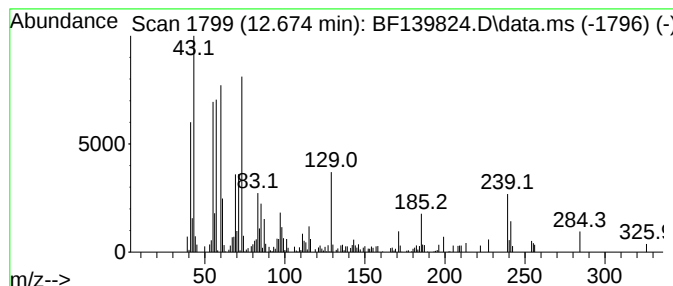
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	3.86 ng	130140	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Decanoic acid	172	C10H20O2	000334-48-5	78
4		Isopropyl stearate	326	C21H42O2	000112-10-7	70
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

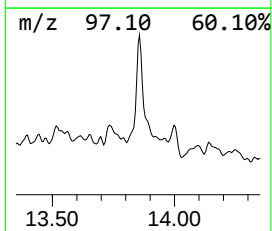
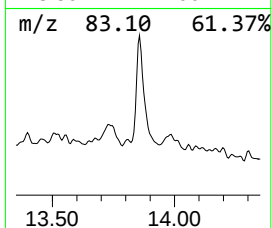
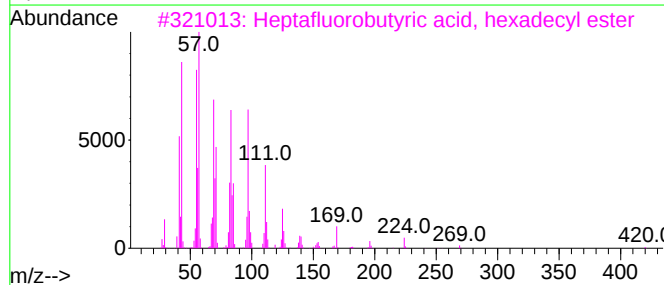
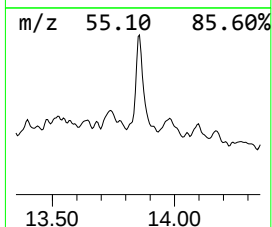
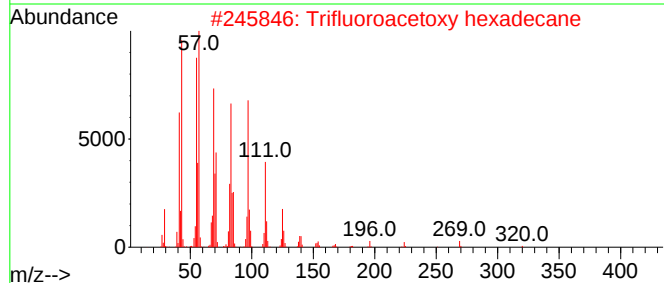
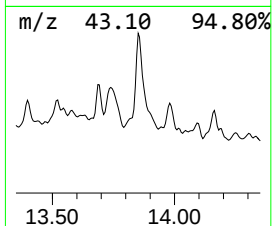
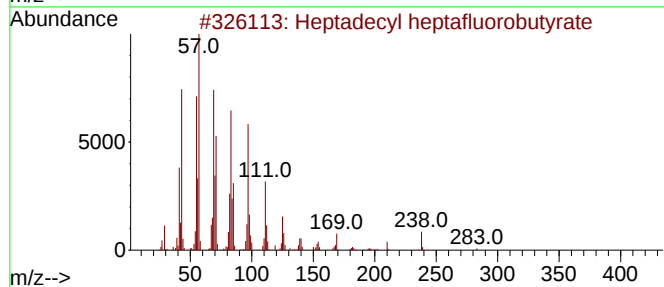
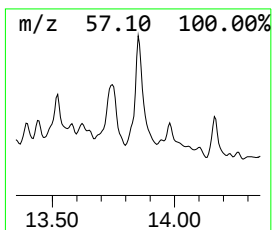
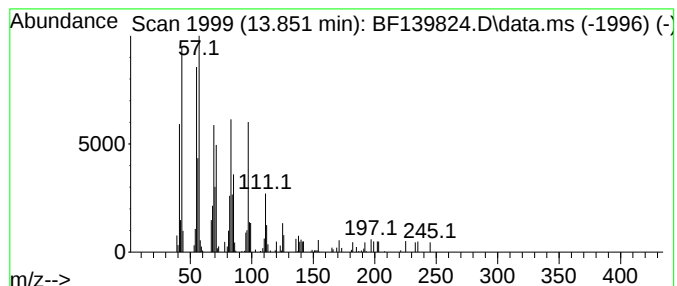
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecyl heptafluorobutyrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.851	4.37 ng	85628	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
4	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	90
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

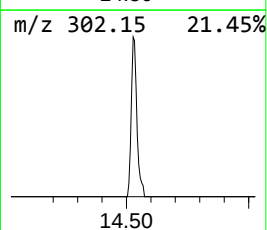
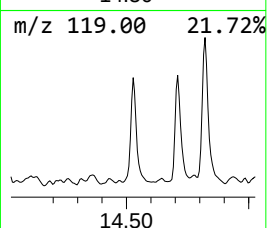
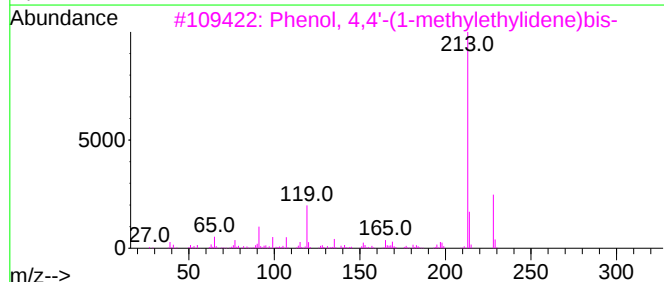
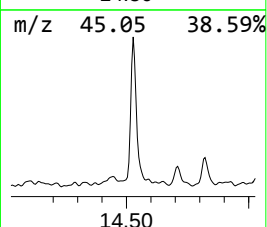
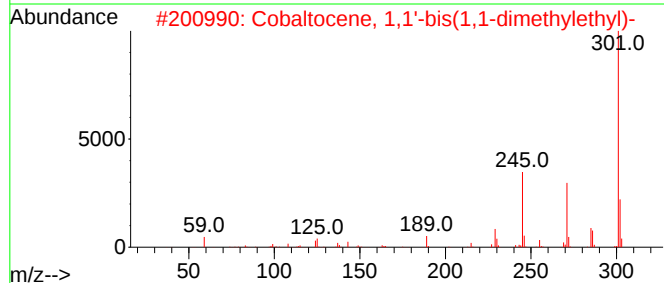
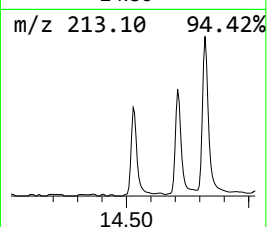
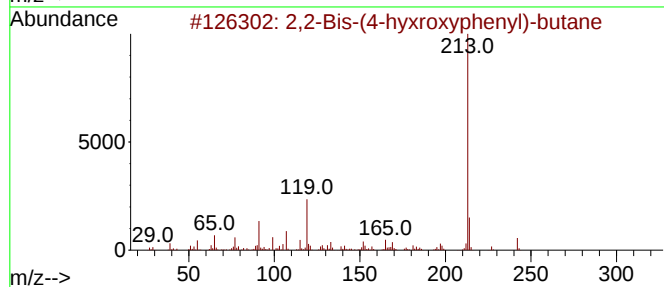
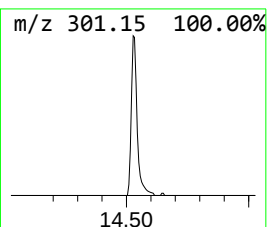
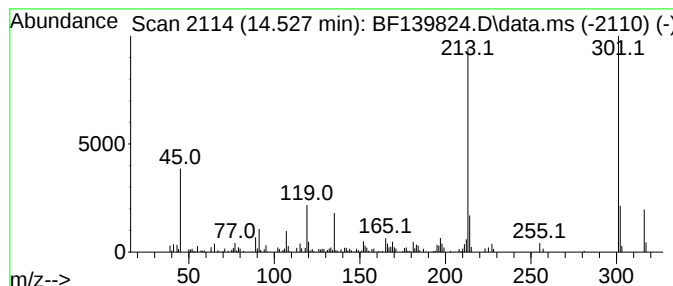
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.527 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	5.77 ng	113080	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	27		
2	Cobaltocene, 1,1'-bis(1,1-dimeth...	301	C18H26Co	059610-19-4	27		
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	27		
4	Bisphenol B, 2-methylpropionate	312	C20H24O3	1000462-14-8	27		
5	Bisphenol B, acetate	284	C18H20O3	1000462-14-9	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

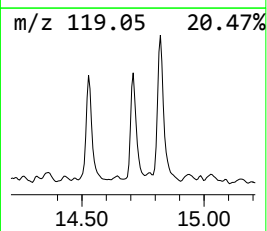
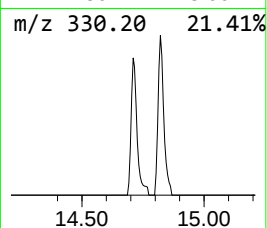
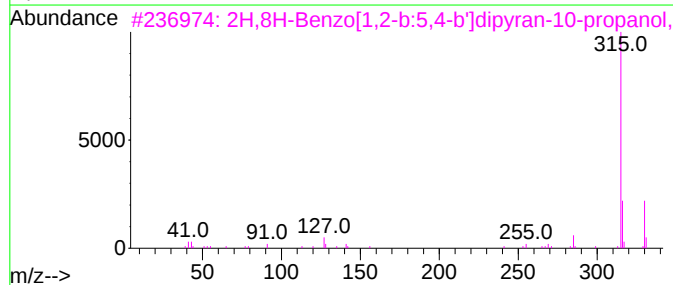
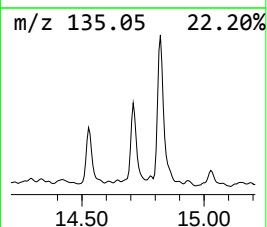
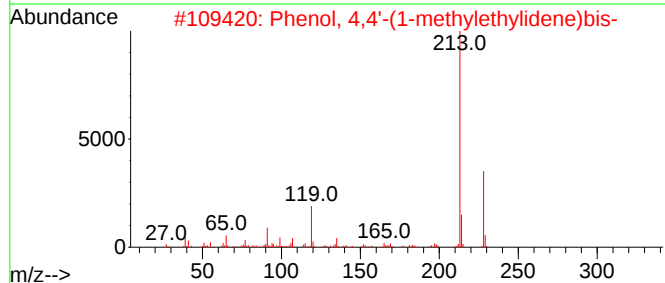
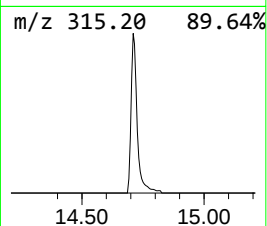
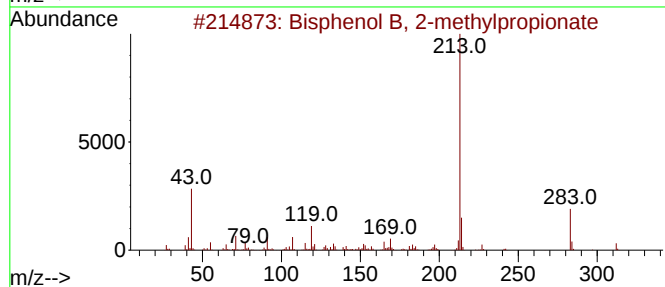
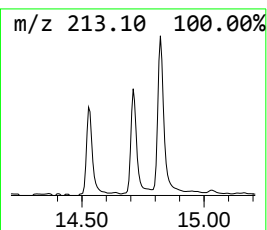
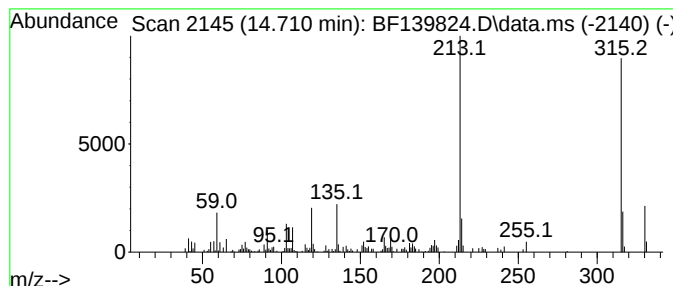
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.710 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	5.97 ng	116877	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bisphenol B, 2-methylpropionate	312	C20H24O3	1000462-14-8	38
2			Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	38
3			2H,8H-Benzo[1,2-b:5,4-b']dipyran-10-propanol	330	C20H26O4	026535-37-5	38
4			Bisphenol B, acetate	284	C18H20O3	1000462-14-9	35
5			Diphenolic acid	286	C17H18O4	000126-00-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

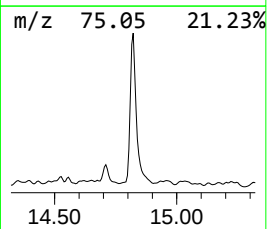
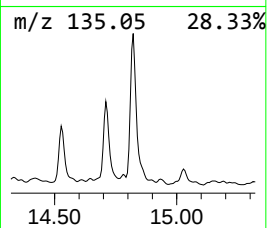
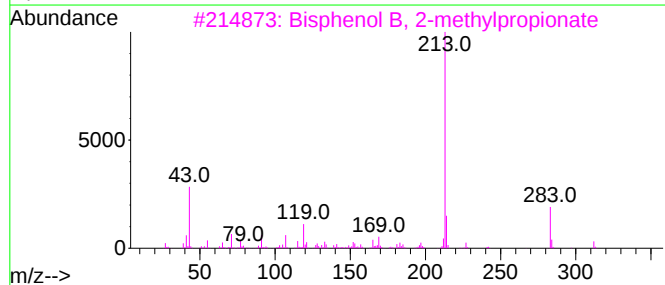
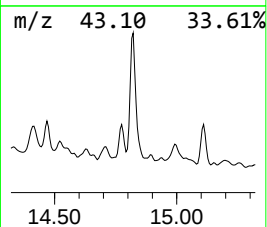
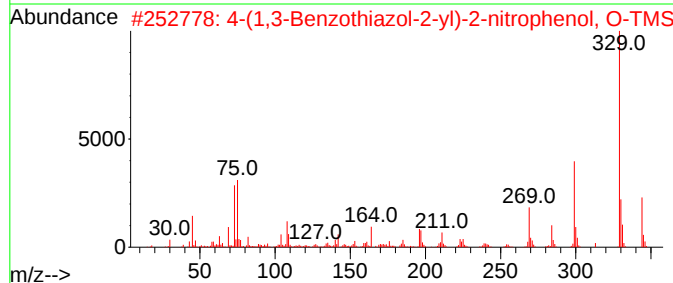
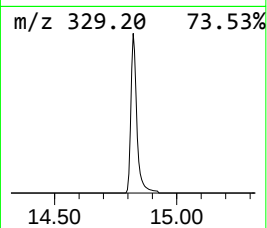
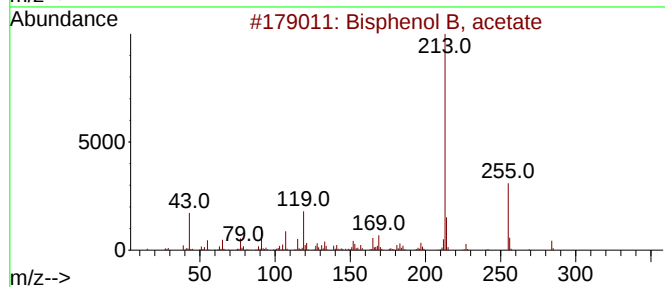
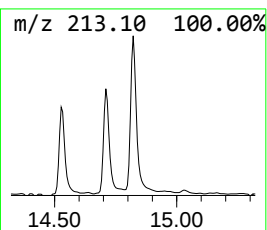
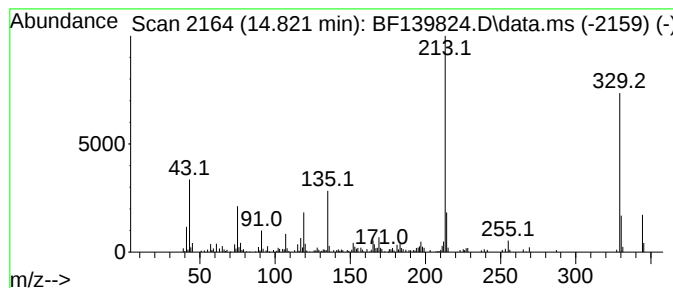
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.821 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	9.00 ng	211023	Perylene-d12	15.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bisphenol B, acetate	284	C18H20O3	1000462-14-9	38
2			4-(1,3-Benzothiazol-2-yl)-2-nitr...	344	C16H16N2O3SSi	1000472-76-7	38
3			Bisphenol B, 2-methylpropionate	312	C20H24O3	1000462-14-8	38
4			2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	30
5			2H,8H-Benzo[1,2-b:5,4-b']dipyr...	344	C20H24O5	026535-35-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

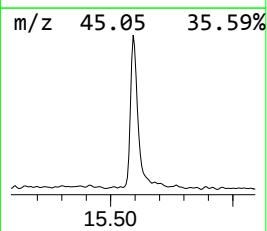
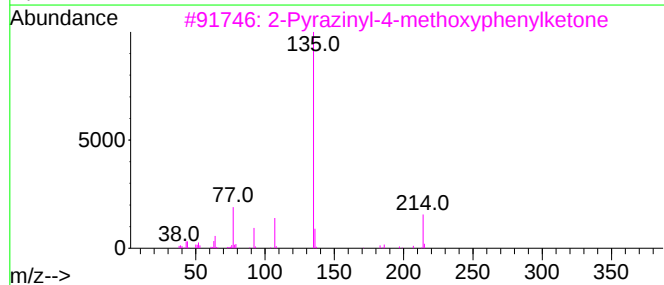
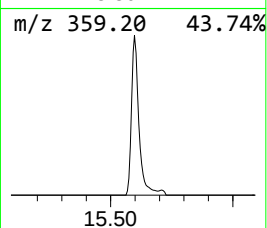
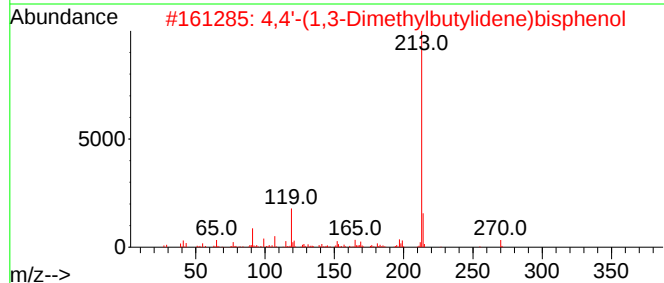
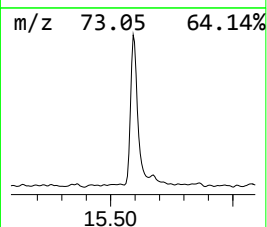
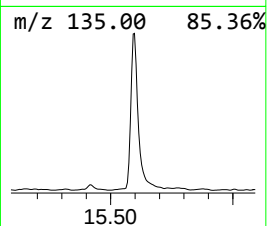
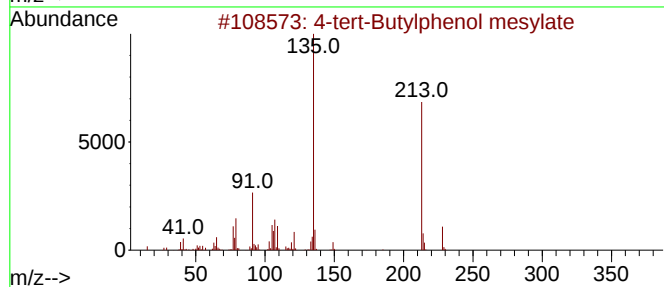
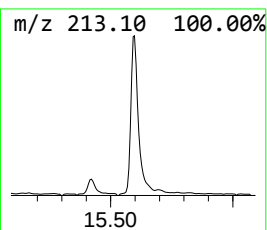
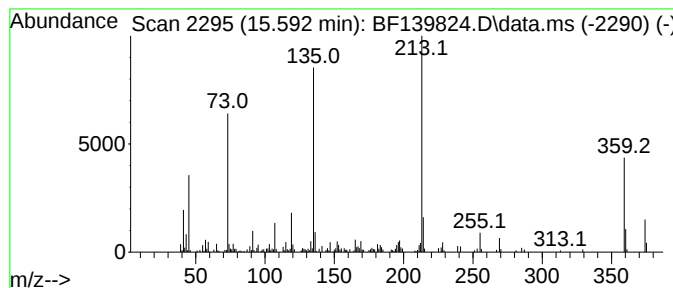
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4-tert-Butylphenol mesylate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	12.03 ng	282144	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-tert-Butylphenol mesylate	228	C11H16O3S	059970-38-6	53
2		4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	51
3		2-Pyrazinyl-4-methoxyphenylketone	214	C12H10N2O2	086461-74-7	30
4		3-Bromomethylbenzoic acid	214	C8H7BrO2	006515-58-8	27
5		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

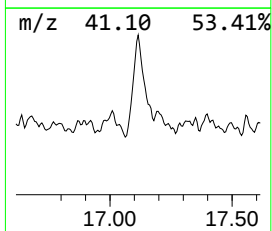
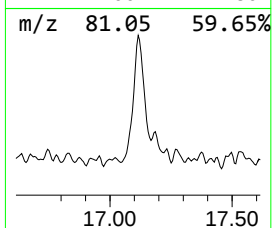
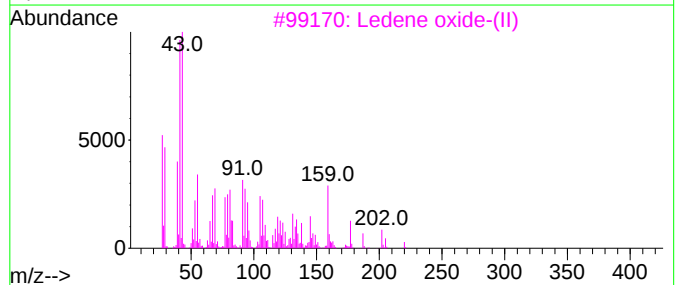
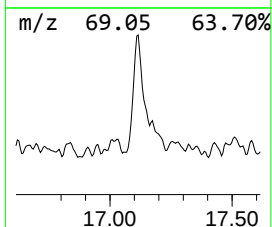
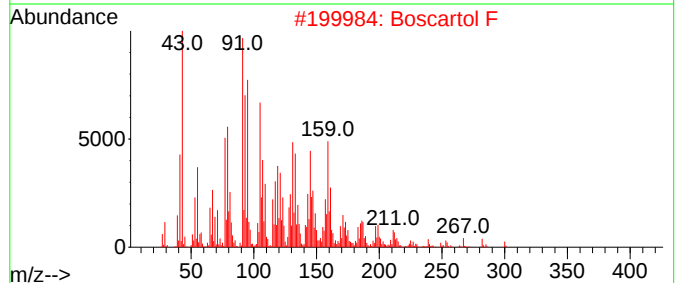
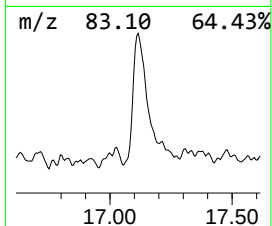
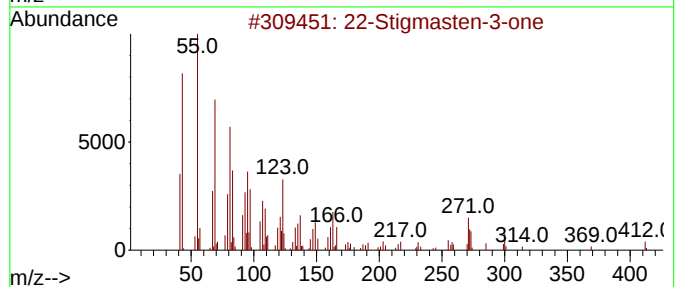
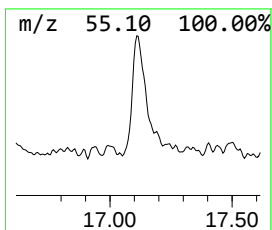
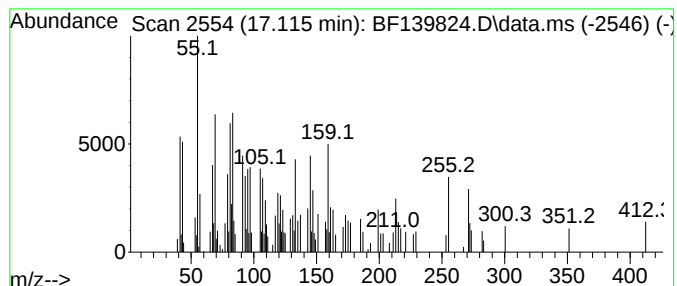
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 22-Stigmasten-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	5.25 ng	123222	Perylene-d12	15.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			22-Stigmasten-3-one	412	C29H48O	004736-95-2	58
2			Boscartol F	300	C20H28O2	1486443-17-7	46
3			Ledene oxide-(II)	220	C15H24O	1000159-36-7	16
4			Retinoic acid	300	C20H28O2	000302-79-4	15
5			4,22-Stigmastadiene-3-one	410	C29H46O	020817-72-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139824.D
Acq On : 16 Oct 2024 11:45
Operator : RC/JU
Sample : P4396-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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
2-Pentanone, 4-...	5.057	4.0	ng	97630	1	6.851	492643	20.0
unknown6.798	6.798	7.1	ng	174604	1	6.851	492643	20.0
unknown7.481	7.481	4.3	ng	105116	1	6.851	492643	20.0
Triethyl phosphate	7.563	7.4	ng	223127	2	8.133	600712	20.0
Benzenemethanol...	8.016	6.6	ng	198627	2	8.133	600712	20.0
Benzothiazole	8.410	9.0	ng	269394	2	8.133	600712	20.0
unknown8.463	8.463	7.3	ng	217690	2	8.133	600712	20.0
unknown8.822	8.822	4.3	ng	129882	2	8.133	600712	20.0
Benzophenone	10.604	11.7	ng	445153	3	9.886	762779	20.0
1-Propanamine, ...	10.922	14.9	ng	500980	4	11.369	674538	20.0
unknown11.469	11.469	6.8	ng	229505	4	11.369	674538	20.0
unknown11.739	11.739	6.9	ng	232236	4	11.369	674538	20.0
n-Hexadecanoic ...	11.892	11.7	ng	393801	4	11.369	674538	20.0
Octadecanoic acid	12.674	3.9	ng	130140	4	11.369	674538	20.0
Heptadecyl hept...	13.851	4.4	ng	85628	5	14.010	391776	20.0
unknown14.527	14.527	5.8	ng	113080	5	14.010	391776	20.0
unknown14.710	14.710	6.0	ng	116877	5	14.010	391776	20.0
unknown14.821	14.821	9.0	ng	211023	6	15.474	469126	20.0
4-tert-Butylphe...	15.592	12.0	ng	282144	6	15.474	469126	20.0
22-Stigmasten-3...	17.115	5.3	ng	123222	6	15.474	469126	20.0