

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123359.D
 Acq On : 3 Mar 2021 17:01
 Operator : JU/CG
 Sample : M1507-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14-15

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.828	122	126	142	rVB	4177649	6212561	15.68%	2.482%
2	3.557	247	250	273	rVB	447772	919628	2.32%	0.367%
3	3.834	291	297	312	rVB	566366	874181	2.21%	0.349%
4	4.981	488	492	495	rBV	650276	556797	1.41%	0.222%
5	5.193	523	528	533	rVV2	386978	468926	1.18%	0.187%
6	5.557	586	590	608	rBV	2941522	7487131	18.90%	2.992%
7	5.716	613	617	621	rBV2	561714	719806	1.82%	0.288%
8	5.798	628	631	633	rBV	403800	410159	1.04%	0.164%
9	5.934	639	654	658	rVB	5946041	18646747	47.07%	7.451%
10	6.069	673	677	679	rBV	526801	453073	1.14%	0.181%
11	6.204	695	700	705	rBV	1652610	2174613	5.49%	0.869%
12	6.534	747	756	765	rBV2	2070331	5254520	13.27%	2.100%
13	6.857	807	811	815	rBV	2610192	2520824	6.36%	1.007%
14	6.951	818	827	833	rVV	5734750	13248686	33.45%	5.294%
15	7.034	834	841	844	rVV	970143	2033041	5.13%	0.812%
16	7.087	848	850	855	rVB	460129	429624	1.08%	0.172%
17	7.269	874	881	883	rBV2	639859	1137903	2.87%	0.455%
18	7.292	883	885	889	rVB2	385802	499279	1.26%	0.200%
19	7.428	898	908	911	rBV	4698083	9999286	25.24%	3.996%
20	7.457	911	913	915	rVB2	947238	668734	1.69%	0.267%
21	7.487	915	918	920	rBV2	443549	407279	1.03%	0.163%
22	7.751	935	963	966	rBV2	2213748	11129744	28.10%	4.447%
23	7.839	973	978	979	rBV2	820753	1029661	2.60%	0.411%
24	7.981	990	1002	1004	rBV7	436112	1071322	2.70%	0.428%
25	8.022	1004	1009	1011	rVV2	806845	1318865	3.33%	0.527%
26	8.063	1013	1016	1021	rVV	1006830	1389990	3.51%	0.555%
27	8.134	1021	1028	1034	rVB	2462216	3943028	9.95%	1.576%
28	8.392	1069	1072	1075	rBV3	384825	589315	1.49%	0.235%
29	8.422	1075	1077	1079	rVB	617543	481601	1.22%	0.192%
30	8.910	1155	1160	1161	rVV2	1801749	2419327	6.11%	0.967%
31	8.928	1161	1163	1169	rVB3	1750015	1689015	4.26%	0.675%
32	9.104	1190	1193	1195	rVV	486951	619632	1.56%	0.248%
33	9.151	1198	1201	1202	rVV2	851311	898529	2.27%	0.359%
34	9.186	1202	1207	1208	rVV	4194443	5871040	14.82%	2.346%
35	9.216	1209	1212	1215	rVB	7619145	8607503	21.73%	3.439%
36	9.345	1230	1234	1238	rVB2	475484	724275	1.83%	0.289%

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37	9.428	1244	1248	1250	rBV	400604	511462	1.29%	0.204%
38	9.551	1266	1269	1272	rVB	829296	812098	2.05%	0.324%
39	9.628	1279	1282	1285	rBV2	354094	528643	1.33%	0.211%
40	9.669	1285	1289	1293	rVB	2923709	3110043	7.85%	1.243%
41	9.710	1293	1296	1299	rVB	492166	474233	1.20%	0.189%
42	9.857	1317	1321	1323	rBV3	1139934	1513399	3.82%	0.605%
43	9.892	1324	1327	1330	rVB	2960363	2602198	6.57%	1.040%
44	10.139	1366	1369	1374	rVB3	414298	508964	1.28%	0.203%
45	10.298	1393	1396	1402	rVB3	533300	649849	1.64%	0.260%
46	10.510	1429	1432	1434	rBV2	765327	745970	1.88%	0.298%
47	10.563	1434	1441	1446	rVB	2994705	4404545	11.12%	1.760%
48	10.651	1452	1456	1457	rBV2	916524	1120059	2.83%	0.448%
49	10.704	1460	1465	1468	rVB	5620621	7115389	17.96%	2.843%
50	11.022	1515	1519	1525	rVB	2073751	2050780	5.18%	0.819%
51	11.345	1571	1574	1578	rBV5	485322	895075	2.26%	0.358%
52	11.386	1578	1581	1584	rVB	4024662	3592577	9.07%	1.436%
53	11.463	1592	1594	1599	rVB	451345	495654	1.25%	0.198%
54	11.539	1599	1607	1616	rBV	2138287	3674837	9.28%	1.468%
55	11.892	1663	1667	1670	rBV	1136837	1501226	3.79%	0.600%
56	11.974	1670	1681	1684	rVB	6867749	15521792	39.19%	6.202%
57	12.210	1716	1721	1728	rVB2	3261539	4621360	11.67%	1.847%
58	12.333	1739	1742	1744	rBV	387730	429325	1.08%	0.172%
59	12.363	1744	1747	1750	rVV	1682190	1662638	4.20%	0.664%
60	12.416	1754	1756	1760	rVB	515928	399528	1.01%	0.160%
61	12.686	1792	1802	1805	rBV2	2913630	5679400	14.34%	2.269%
62	12.798	1805	1821	1824	rVB	10223302	39611354	100.00%	15.828%
63	12.998	1848	1855	1858	rVB2	8378740	13783093	34.80%	5.507%
64	13.439	1927	1930	1936	rVV	1305317	1353718	3.42%	0.541%
65	13.545	1946	1948	1952	rBV	693907	654422	1.65%	0.261%
66	13.763	1982	1985	1990	rVB	617421	642092	1.62%	0.257%
67	13.880	2002	2005	2011	rVB	2258034	2448264	6.18%	0.978%
68	14.045	2028	2033	2036	rVB	3783297	4149030	10.47%	1.658%
69	15.527	2278	2285	2289	rVB2	2846789	4287392	10.82%	1.713%
70	16.027	2365	2370	2378	rBV	307303	638155	1.61%	0.255%
71	17.168	2558	2564	2585	rVB4	347493	1169093	2.95%	0.467%

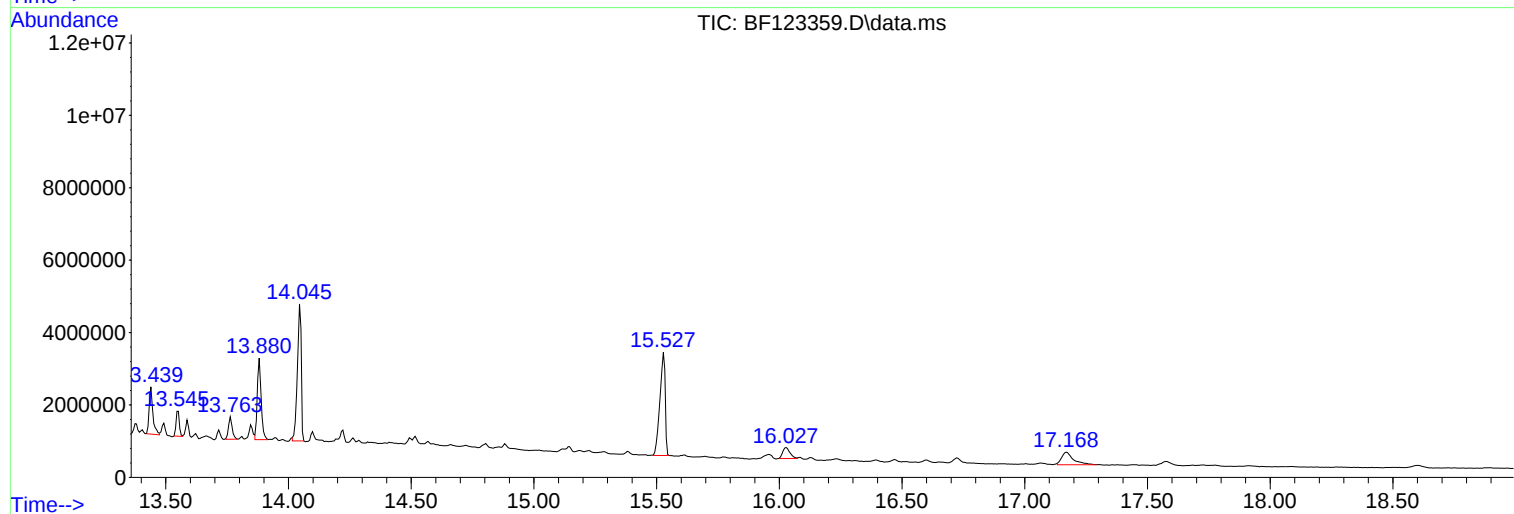
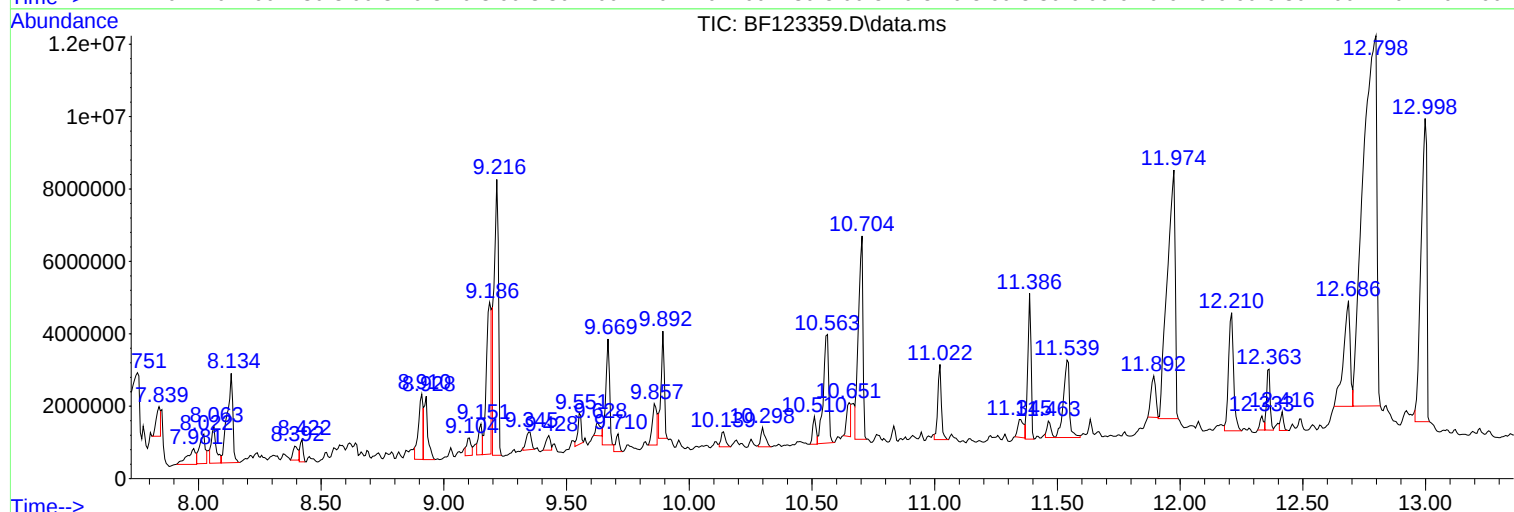
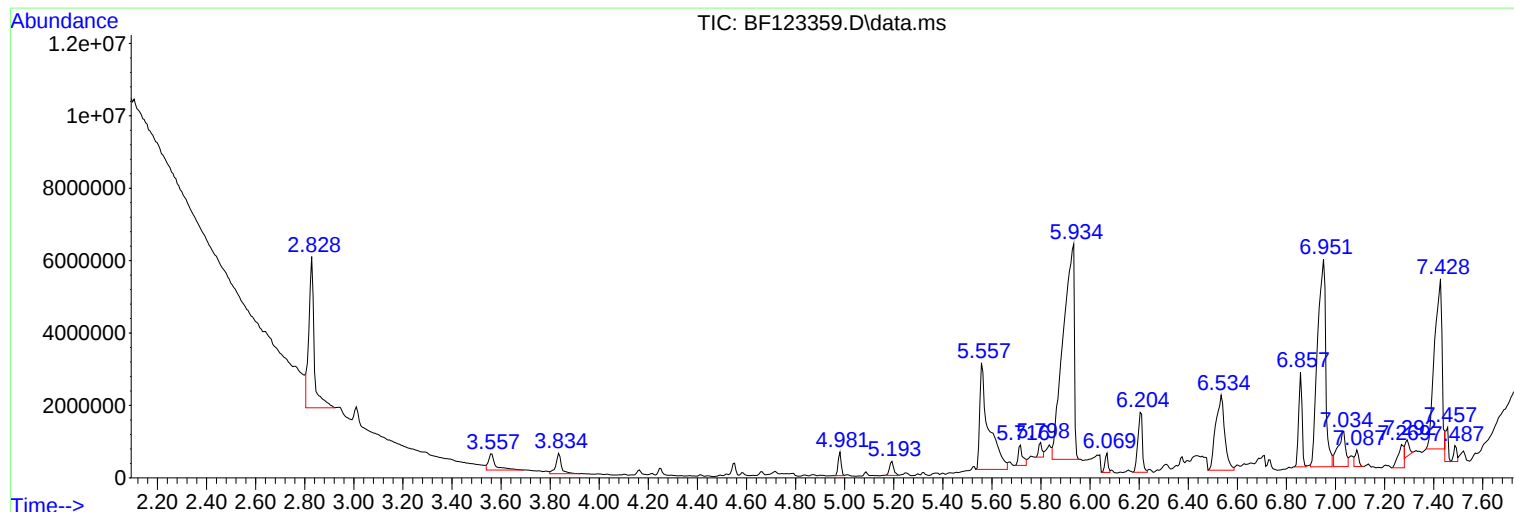
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

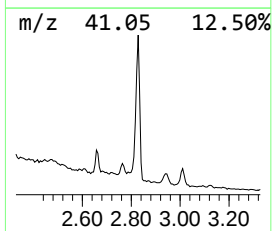
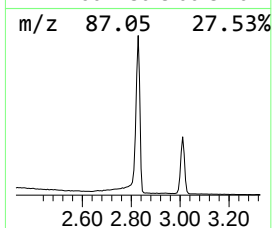
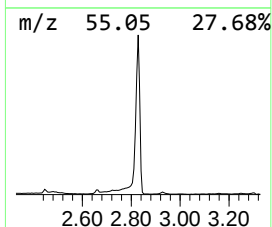
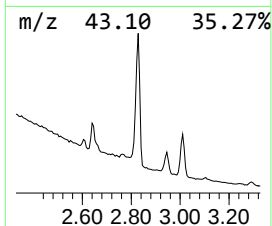
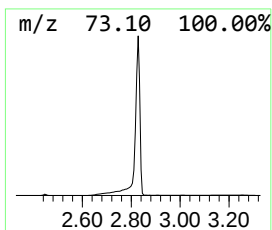
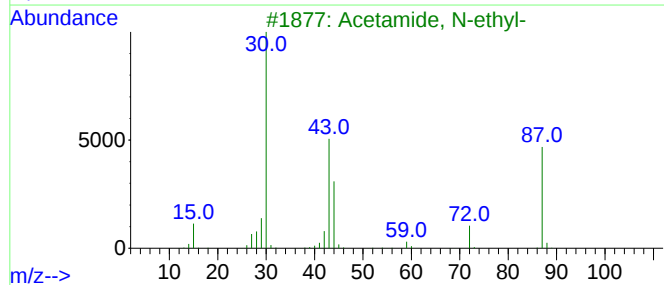
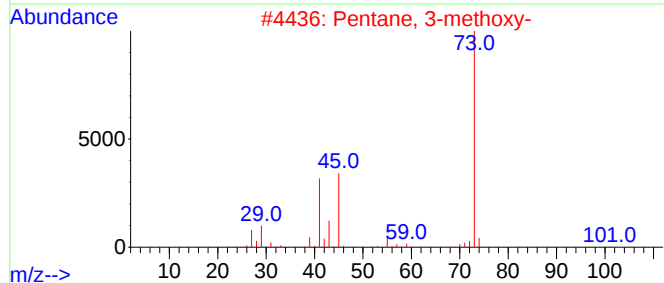
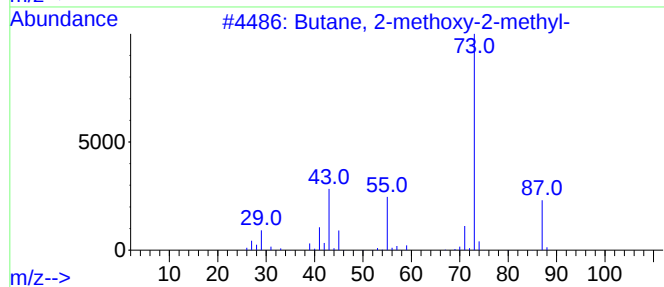
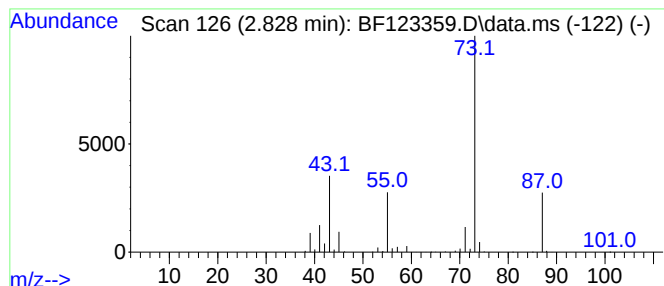
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.828	49.29 ng	6212560	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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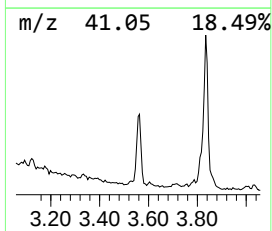
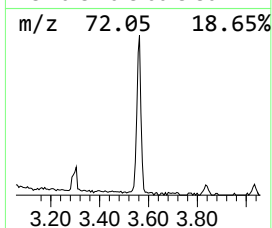
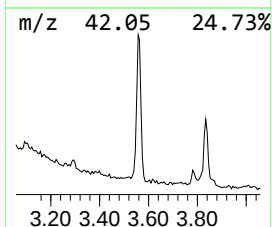
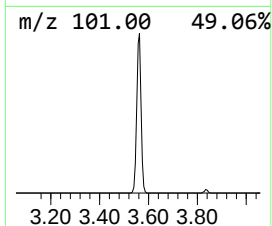
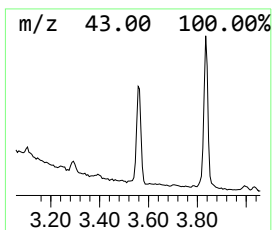
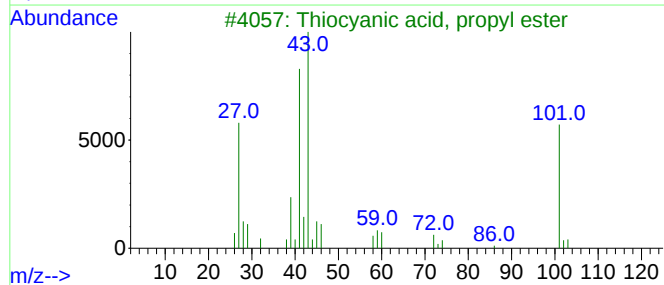
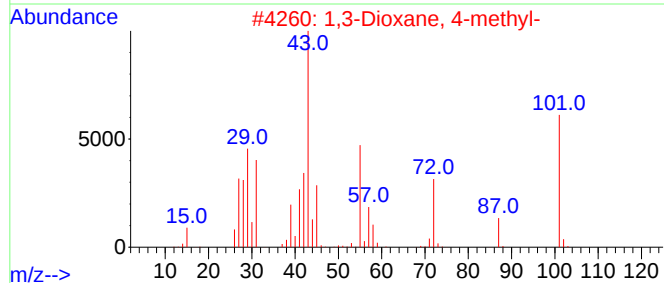
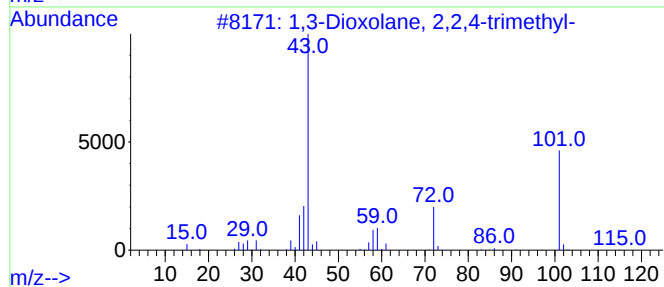
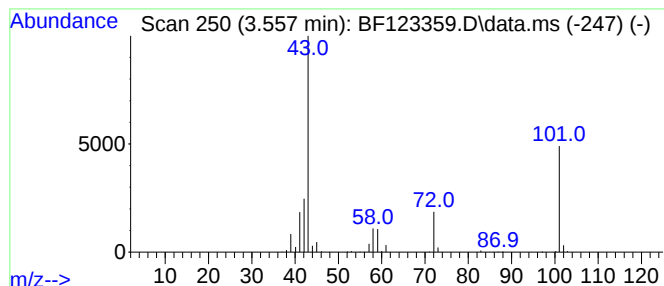
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.557	7.30 ng	919628	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2			1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	38
3			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	36
4			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	10
5			Ethanethioic acid, S-(dihydro-2,...	174	C6H6O4S	006953-60-2	10



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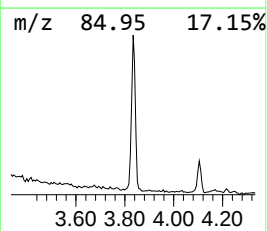
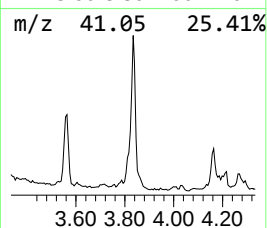
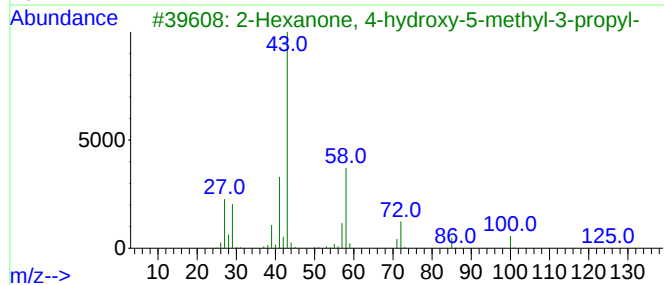
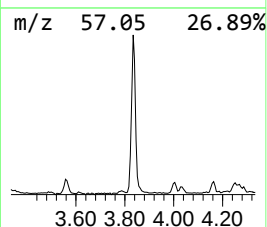
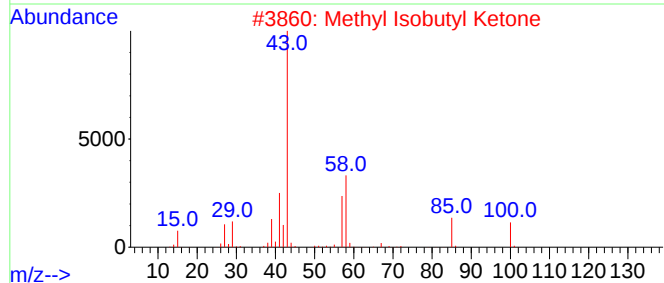
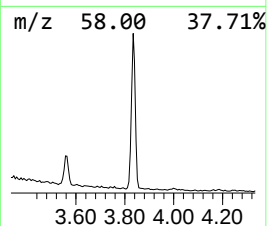
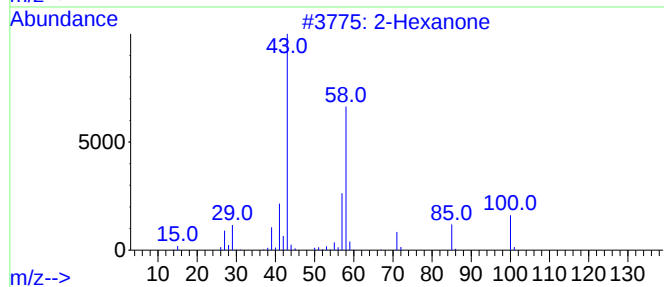
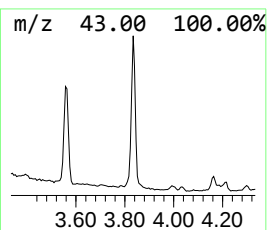
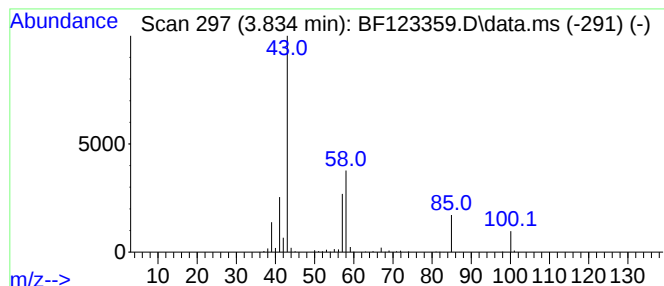
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2-Hexanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.834	6.94 ng	874181	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	83
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3			2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	45
4			Acetylacetone	100	C5H8O2	000123-54-6	32
5			2,3-Pentanedione	100	C5H8O2	000600-14-6	22



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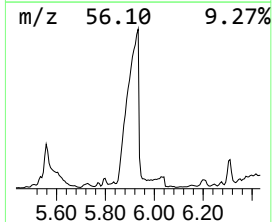
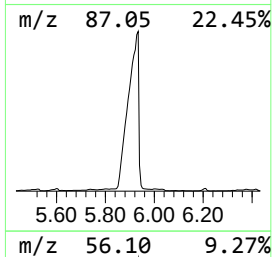
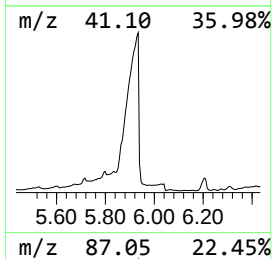
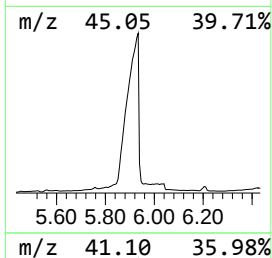
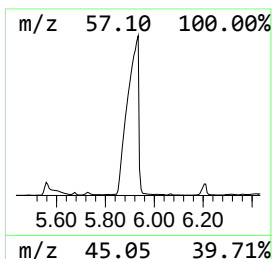
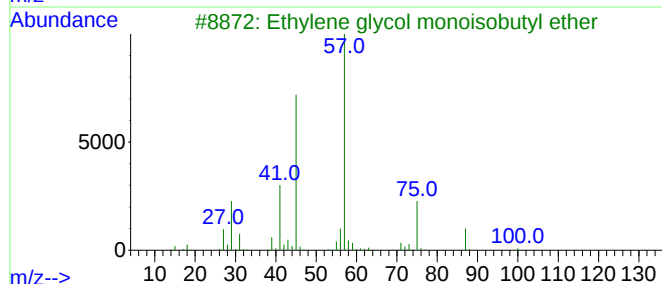
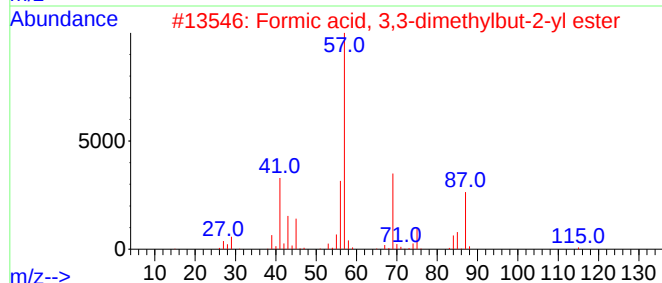
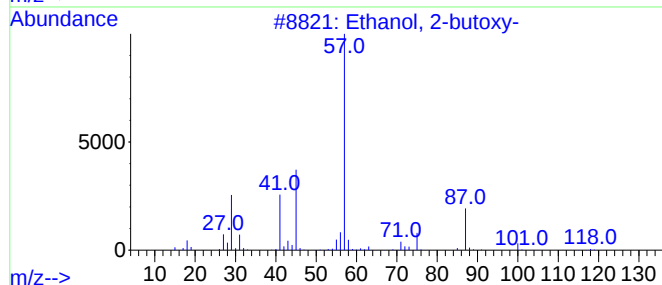
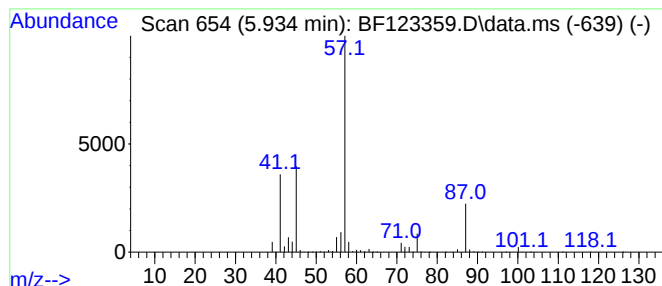
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	147.94 ng	18646700	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2			Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	64
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4			1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	23
5			n-Butyl ether	130	C8H18O	000142-96-1	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

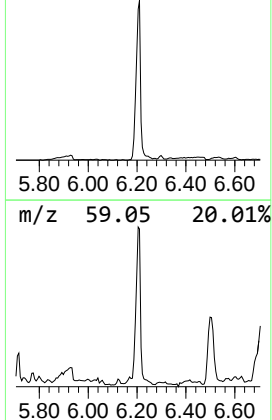
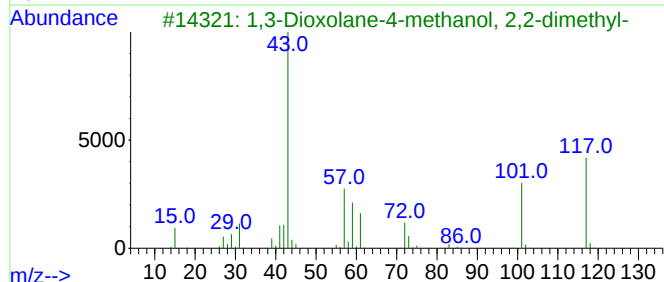
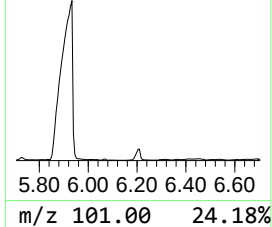
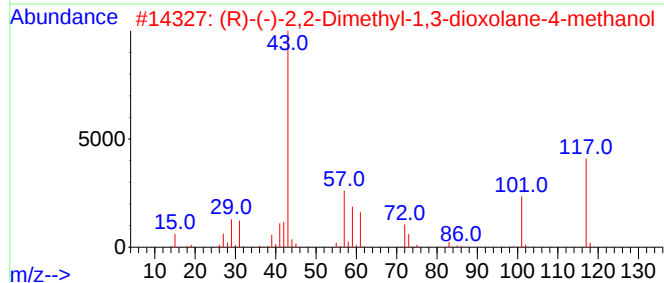
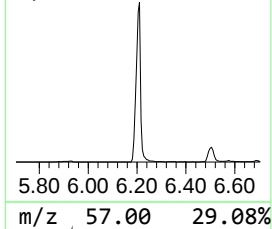
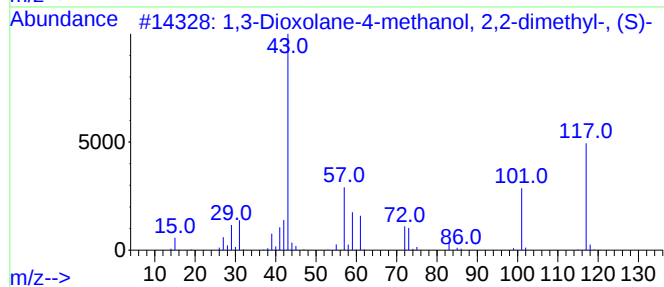
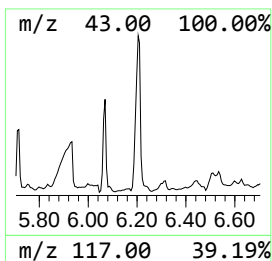
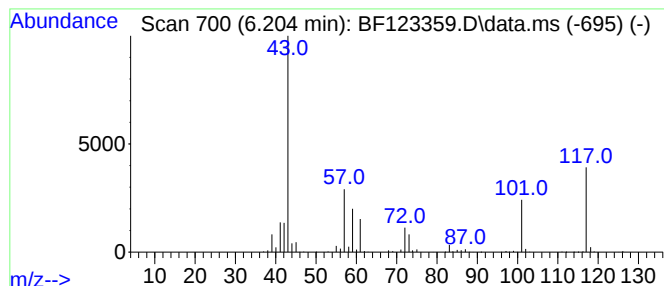
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,3-Dioxolane-4-methanol, 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	17.25 ng	2174610	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane-4-methanol, 2,2-di...	132	C6H12O3	022323-82-6	90
2			(R)-(-)-2,2-Dimethyl-1,3-dioxola...	132	C6H12O3	014347-78-5	90
3			1,3-Dioxolane-4-methanol, 2,2-di...	132	C6H12O3	000100-79-8	90
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	35
5			.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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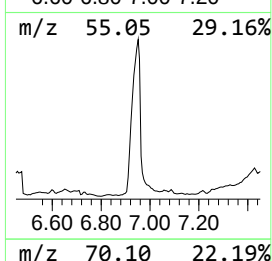
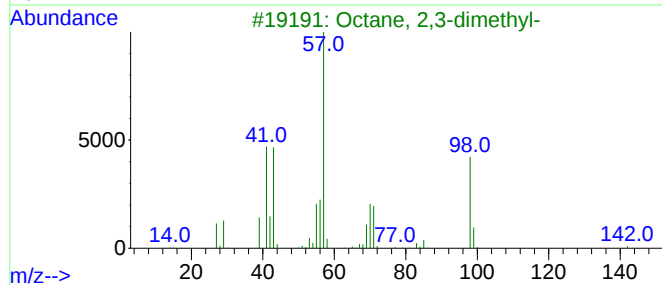
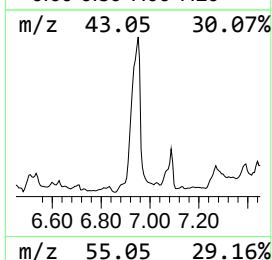
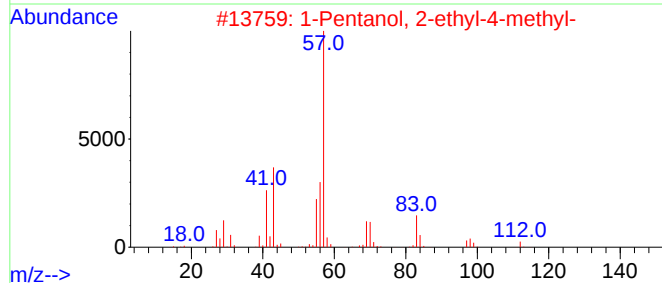
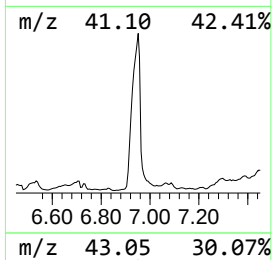
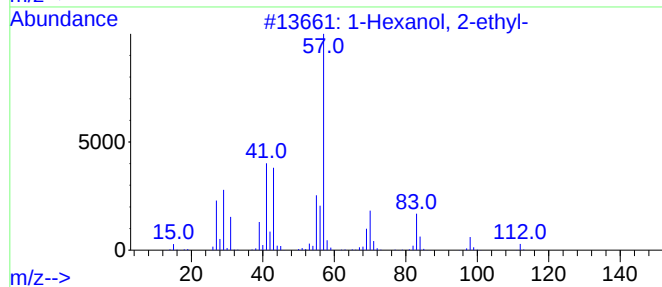
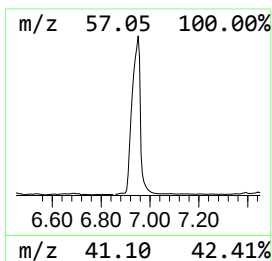
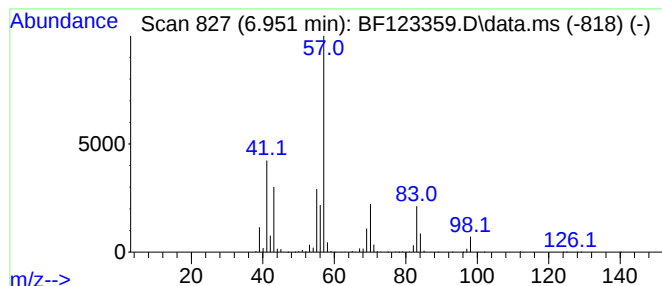
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	105.11 ng	13248700	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
4			2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50



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Misc :
ALS Vial : 8 Sample Multiplier: 4

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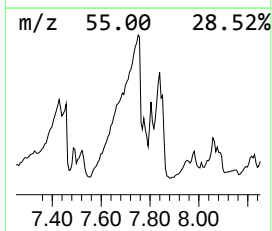
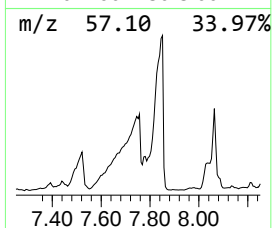
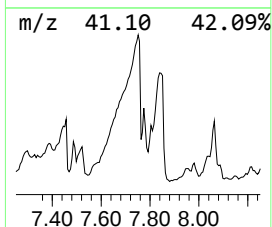
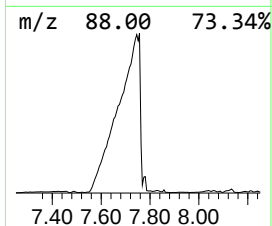
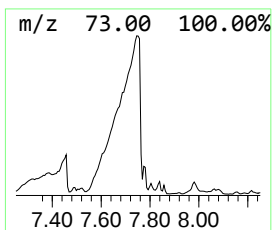
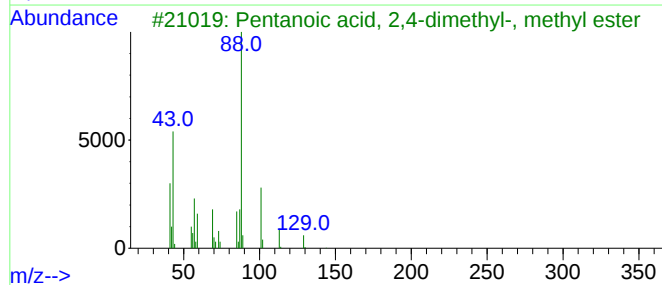
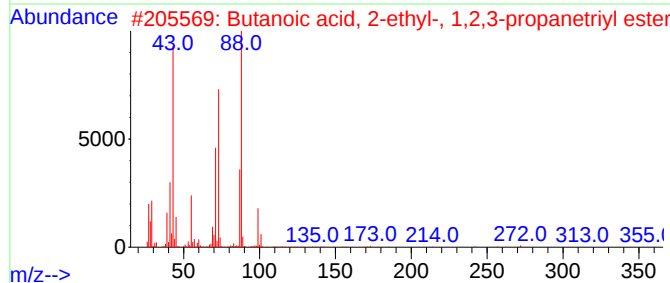
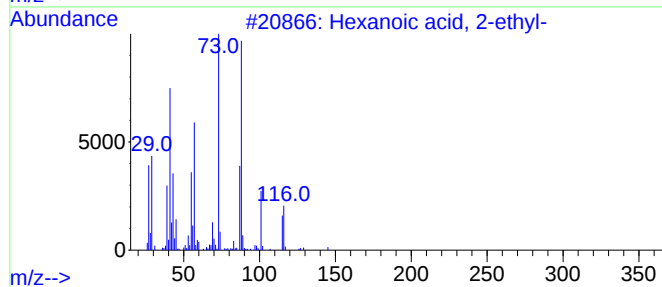
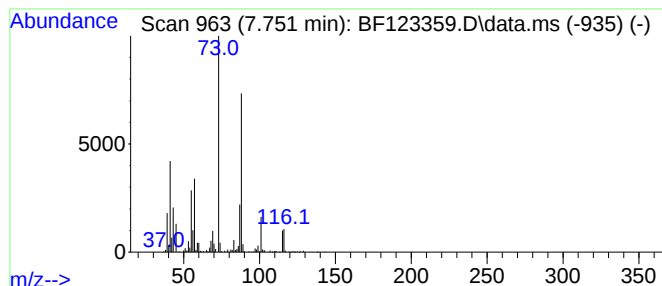
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	56.45 ng	11129700	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3			Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	52
4			Cyclohexanecarboxylic acid, .alpha.-...	170	C10H18O2	006051-00-9	47
5			Urea, ethyl-	88	C3H8N2O	000625-52-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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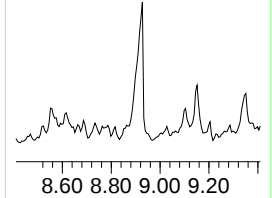
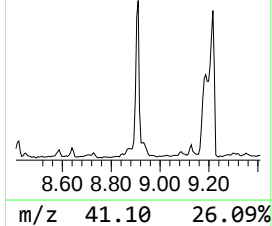
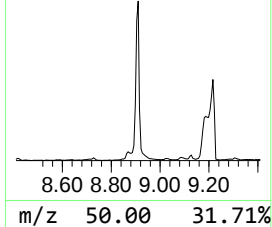
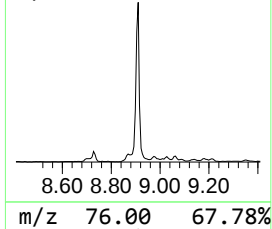
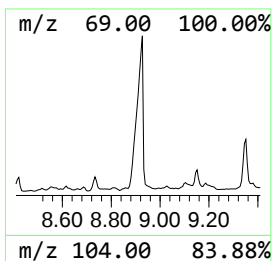
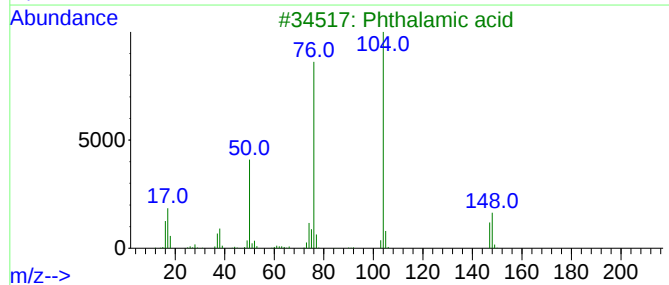
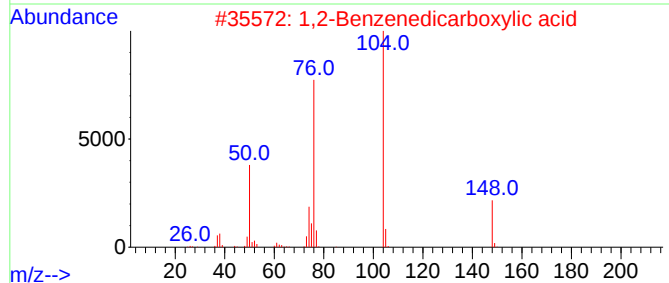
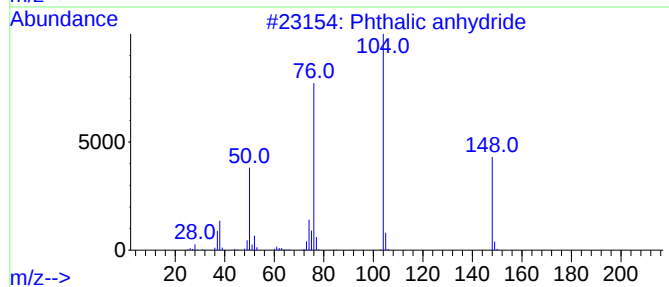
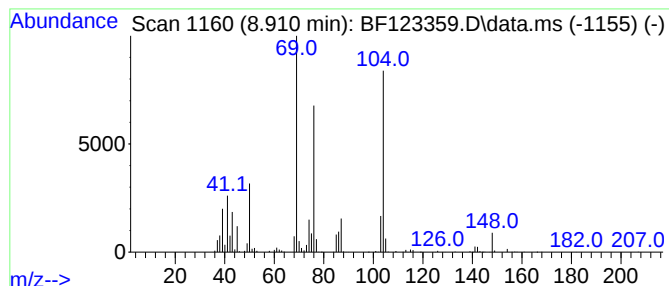
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic anhydride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	12.27 ng	2419330	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	91
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	43
3			Phthalamic acid	165	C8H7NO3	000088-97-1	37
4			1H-Isoindole-1,3(2H)-dione, 2-(2...	201	C11H7NO3	004616-63-1	37
5			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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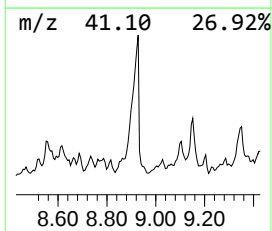
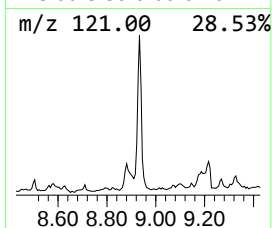
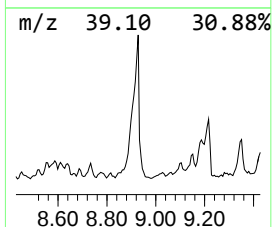
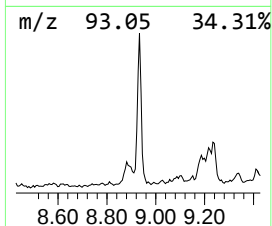
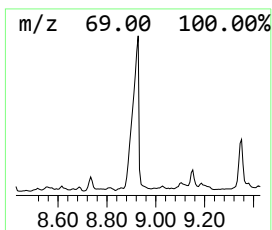
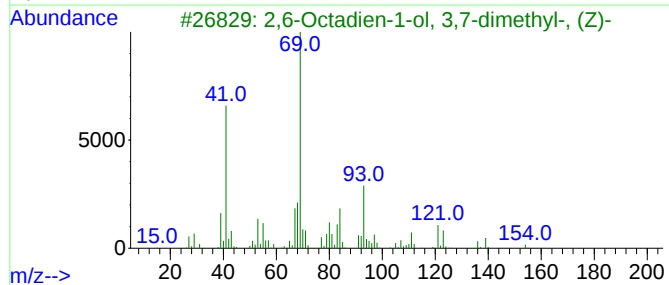
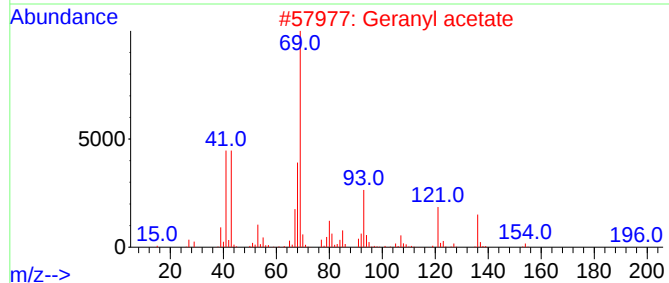
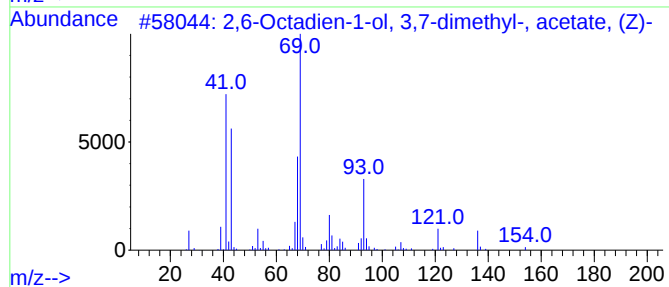
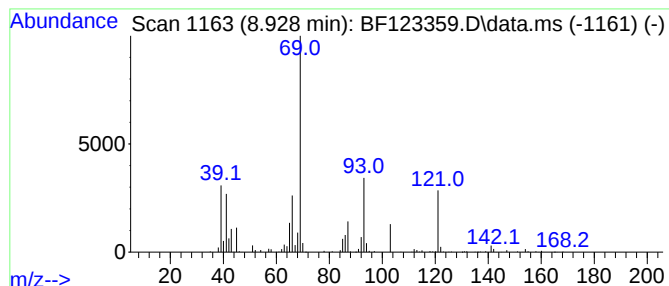
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.928 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	8.57 ng	1689020	Naphthalene-d8	8.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000141-12-8	32		
2	Geranyl acetate	196	C12H20O2	000105-87-3	25		
3	2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	23		
4	Cyclopropanecarboxylic acid, 4-c...	187	C11H9NO2	1000307-52-5	22		
5	Cyclopropanecarboxylic acid, pen...	150	C9H10O2	1000299-37-5	22		



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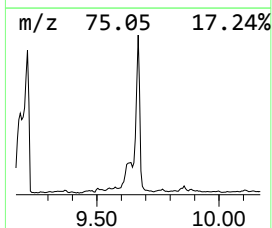
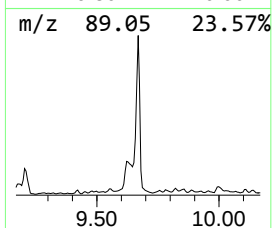
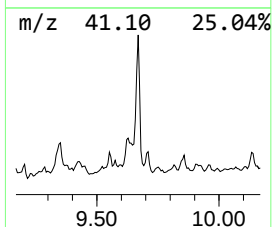
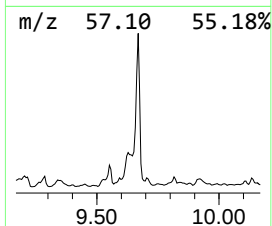
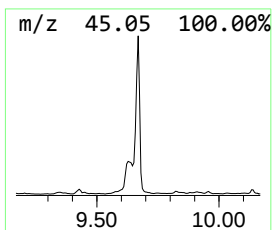
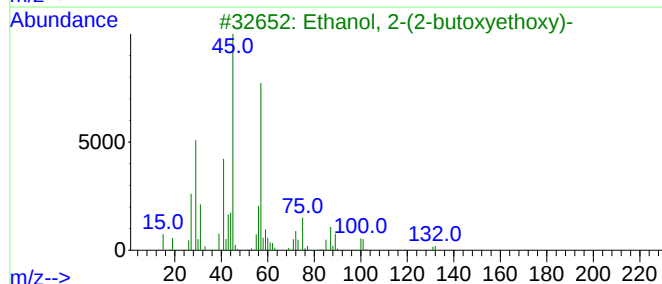
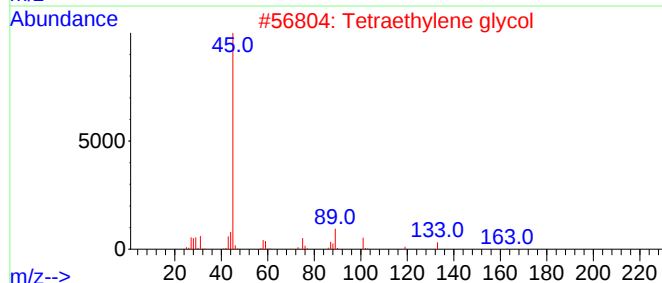
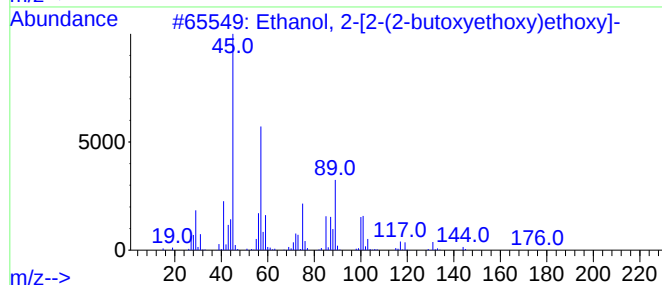
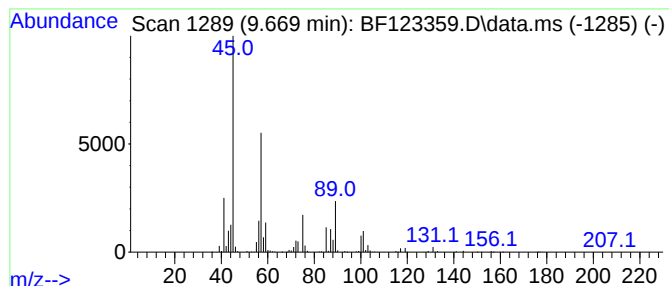
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	23.90 ng	3110040	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2			Tetraethylene glycol	194	C8H18O5	000112-60-7	72
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
4			Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	59
5			Heptaethylene glycol	326	C14H30O8	005617-32-3	59



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ClientSampleId :
COMP-14-15

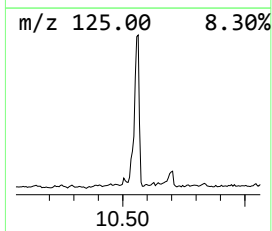
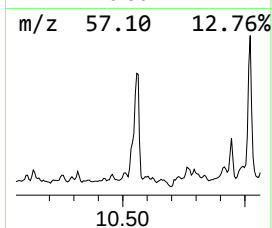
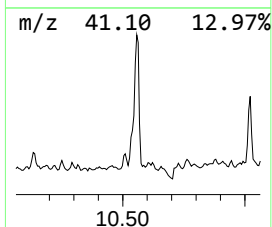
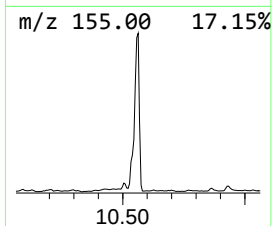
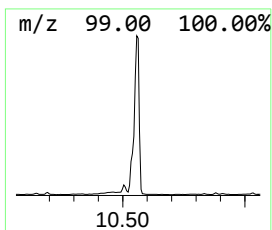
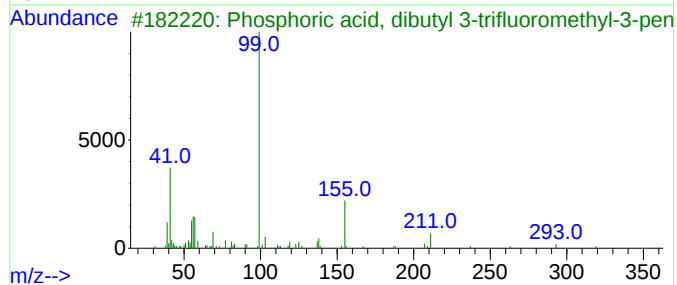
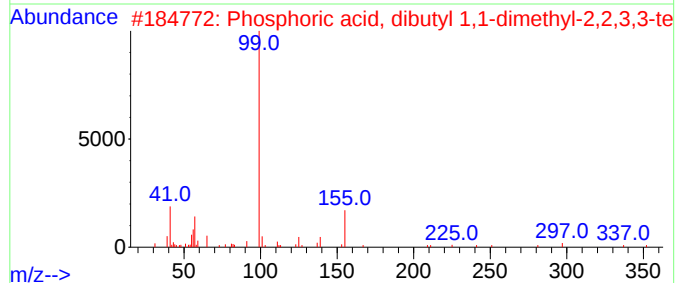
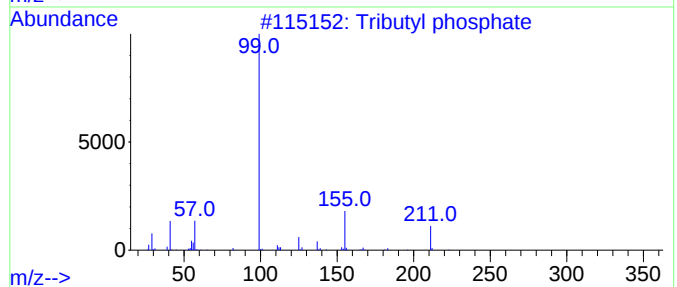
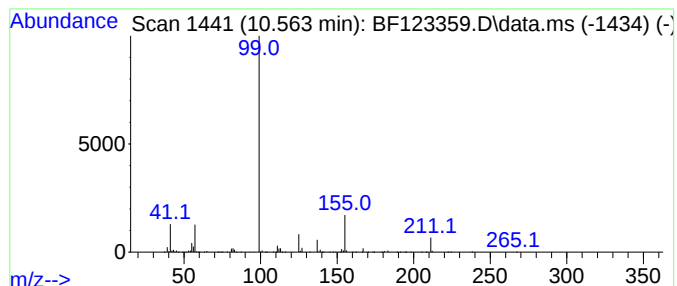
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tributyl phosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	33.85 ng	4404550	Acenaphthene-d10	9.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tributyl phosphate	266	C12H27O4P	000126-73-8	83
2			Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	56
3			Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	43
4			2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9
5			Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

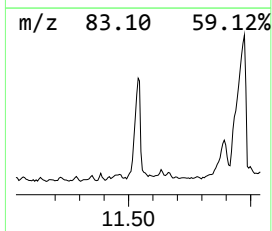
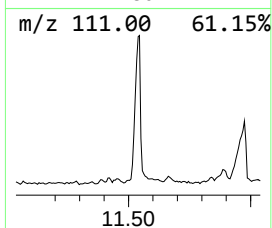
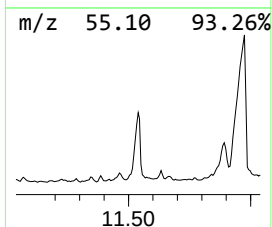
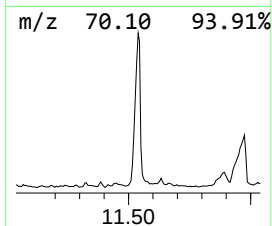
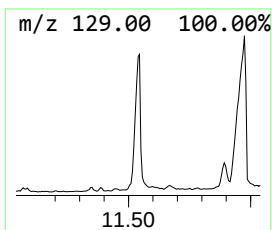
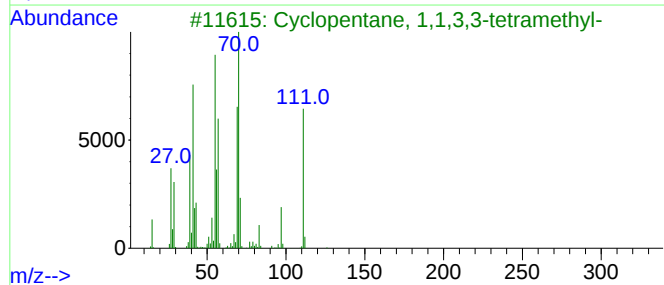
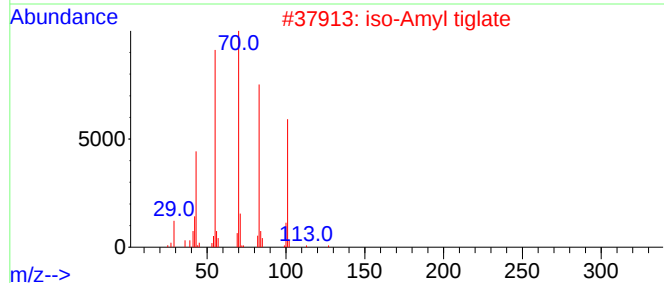
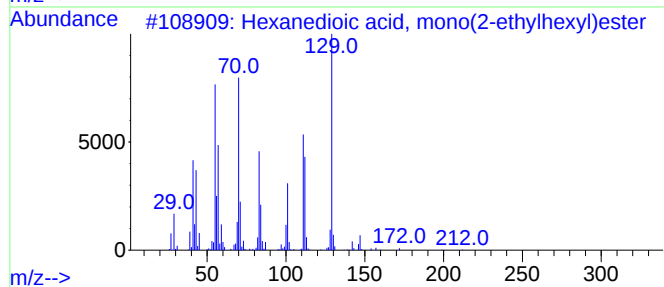
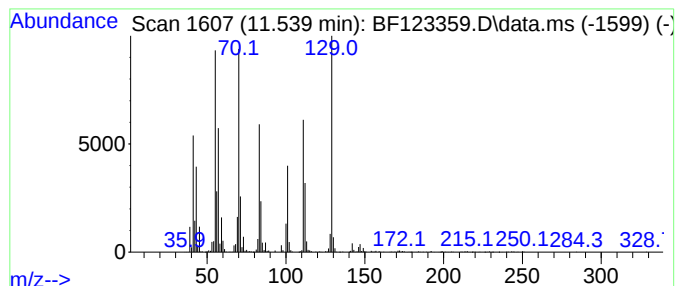
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexanedioic acid, mono(2-et... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	20.46 ng	3674840	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	91
2			iso-Amyl tiglate	170	C10H18O2	066917-62-2	38
3			Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	38
4			1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	38
5			Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

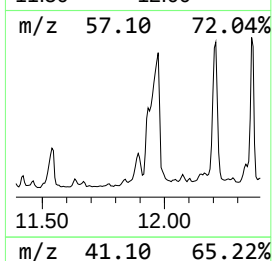
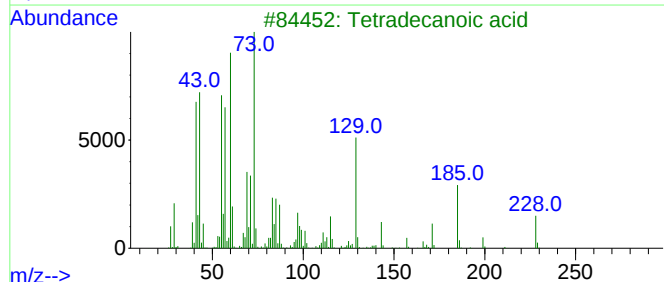
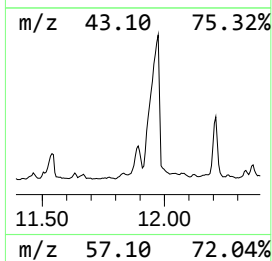
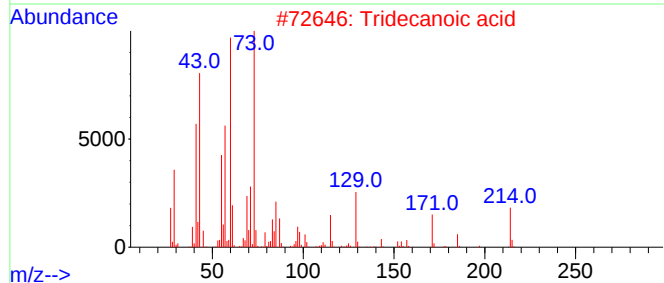
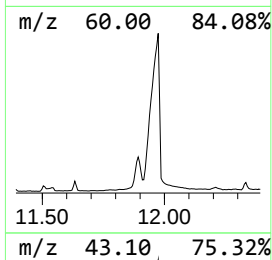
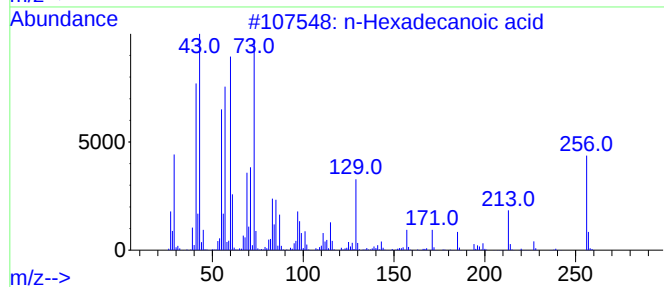
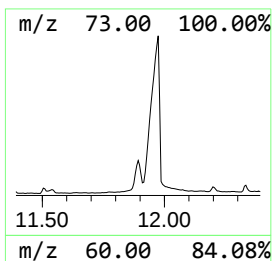
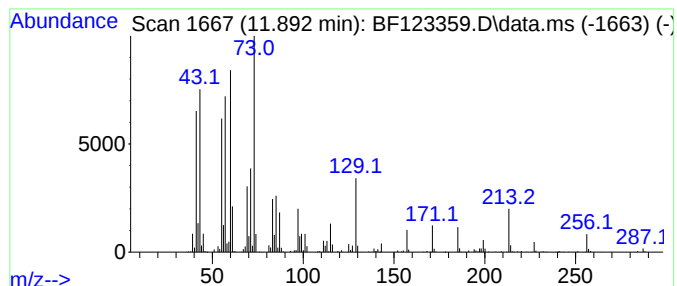
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	8.36 ng	1501230	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

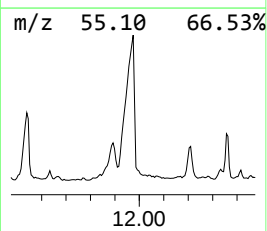
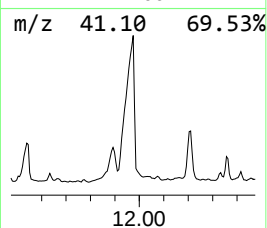
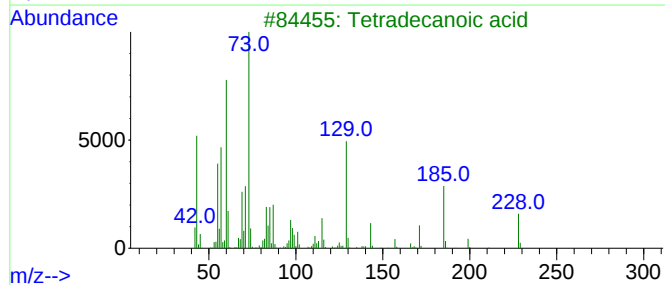
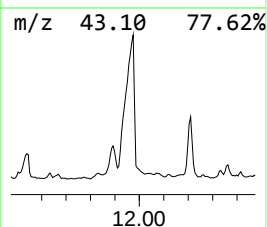
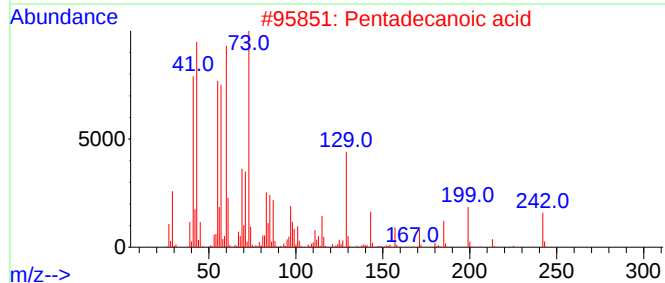
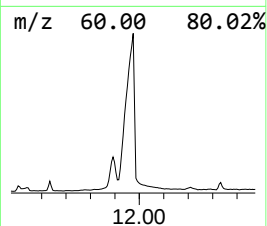
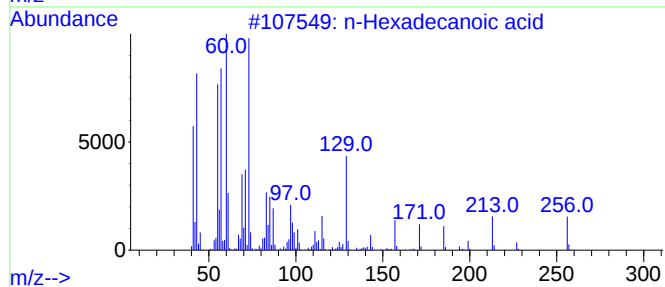
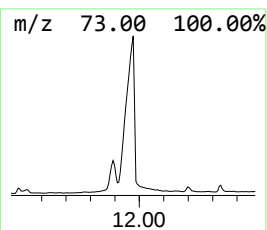
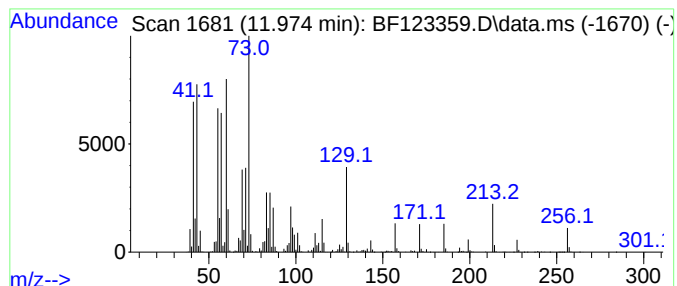
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	86.41 ng	15521800	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
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ClientSampleId :
COMP-14-15

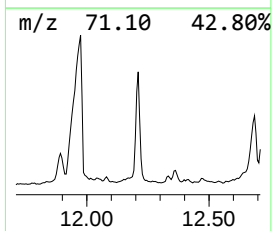
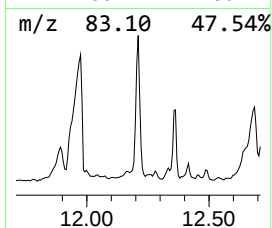
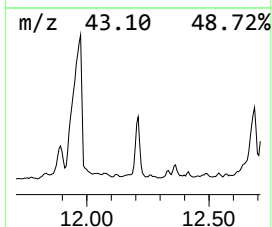
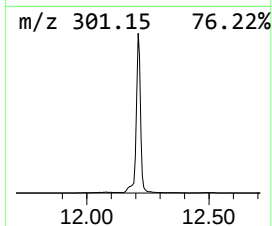
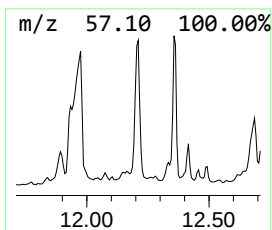
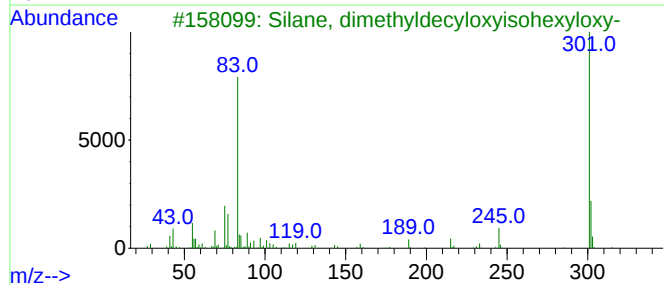
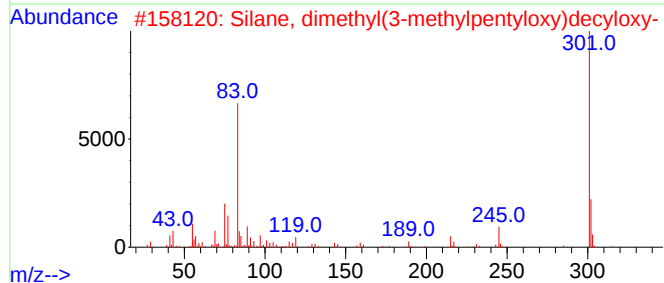
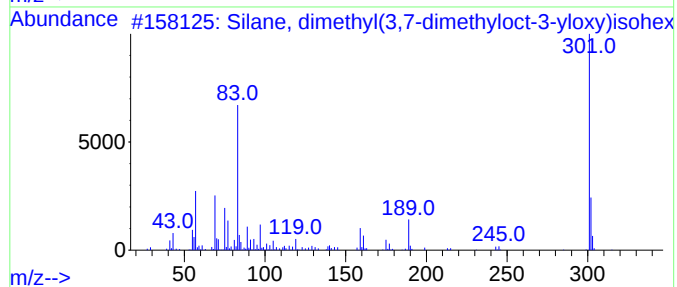
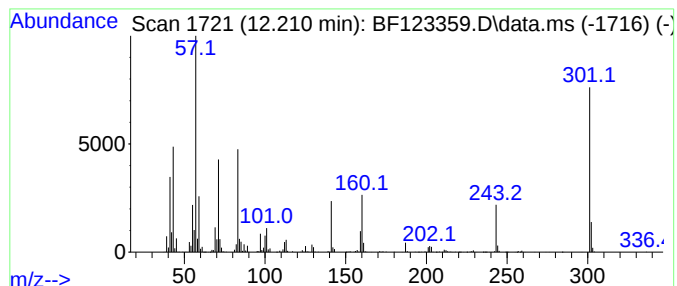
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.210 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	25.73 ng	4621360	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, dimethyl(3,7-dimethyloct...	316	C18H40O2Si	1000346-78-2	38
2			Silane, dimethyl(3-methylpentylo...	316	C18H40O2Si	1000347-70-0	32
3			Silane, dimethyldecyloxyisohexyl...	316	C18H40O2Si	1000346-92-2	32
4			Epiisohemanthamine	301	C17H19NO4	006883-68-7	27
5			1H-Purine-2,6-dione, 7-ethyl-3,7...	301	C14H15N5O3	1000337-95-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
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ClientSampleId :
COMP-14-15

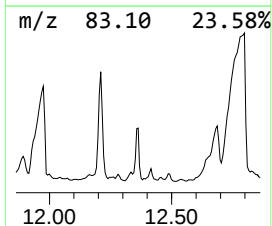
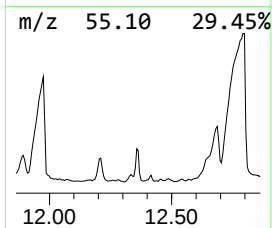
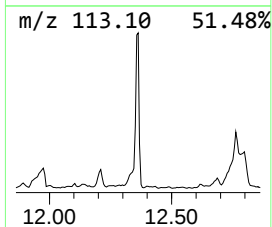
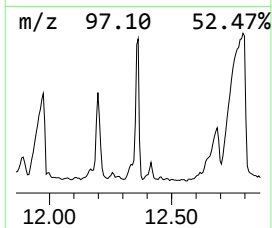
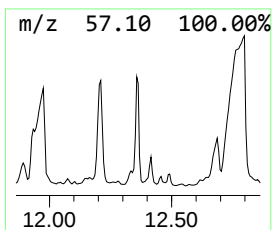
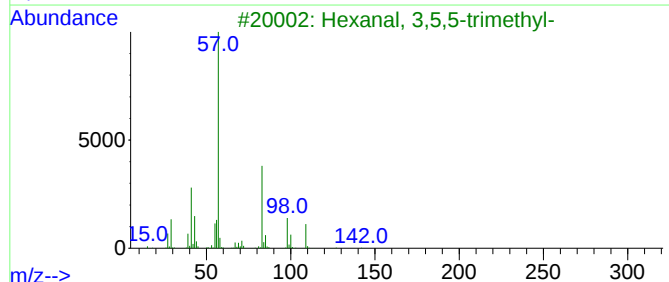
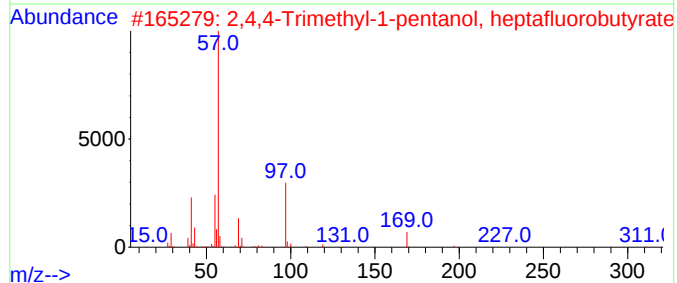
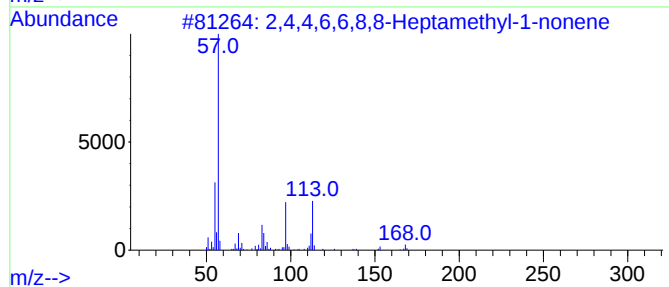
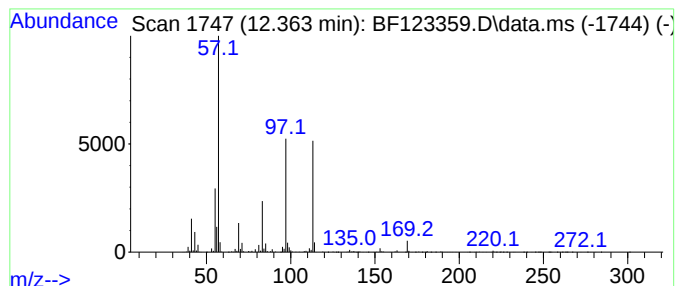
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	9.26 ng	1662640	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56	
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	37	
3	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	27	
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25	
5	Vardenafil	488	C23H32N6O4S	224785-90-4	22	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
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Misc :
ALS Vial : 8 Sample Multiplier: 4

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ClientSampleId :
COMP-14-15

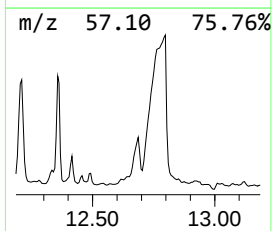
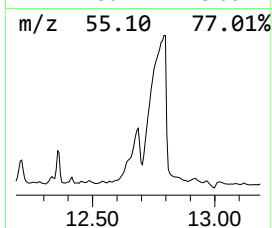
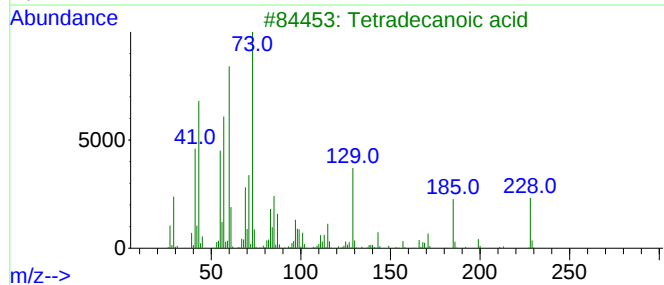
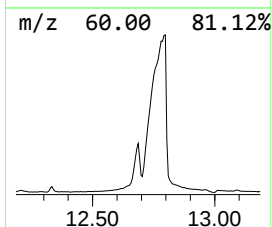
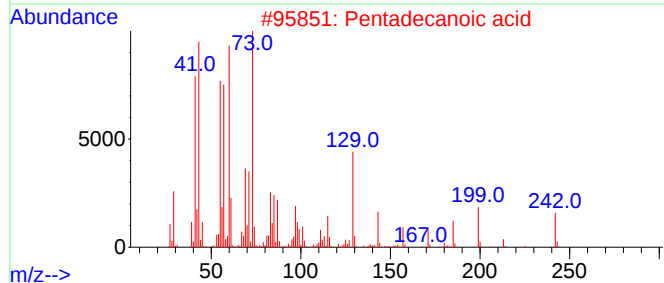
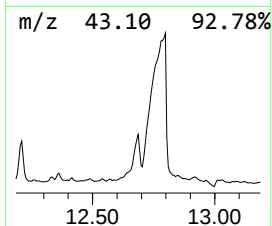
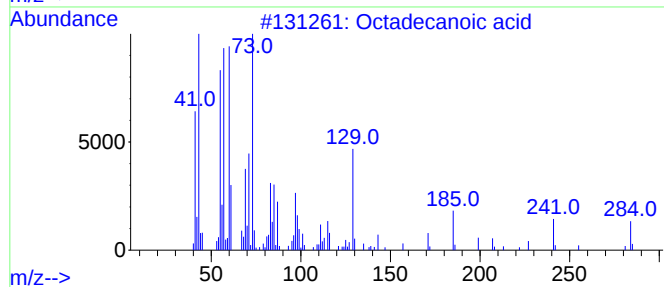
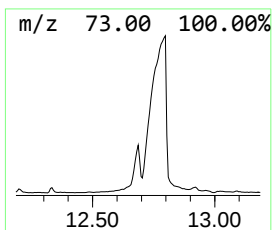
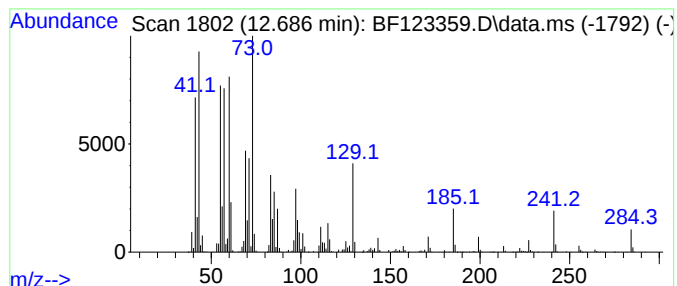
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	31.62 ng	5679400	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	41



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Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

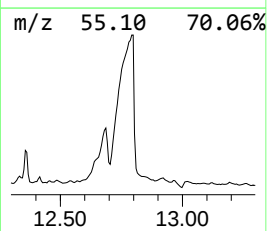
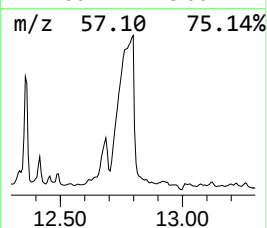
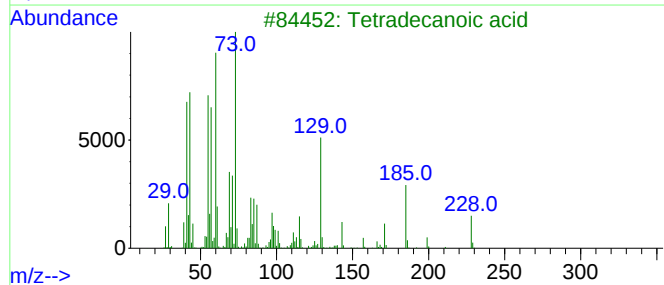
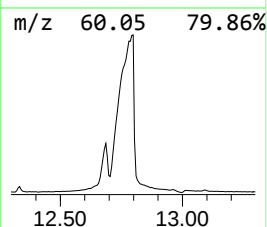
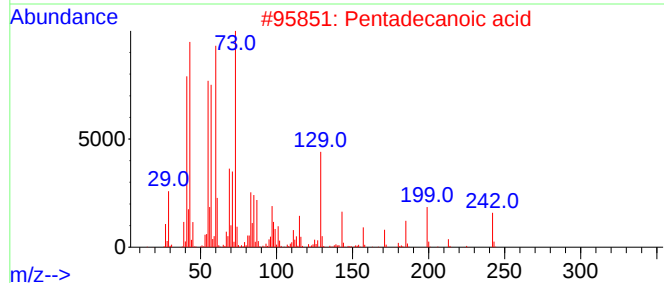
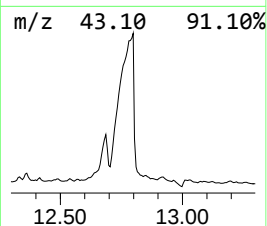
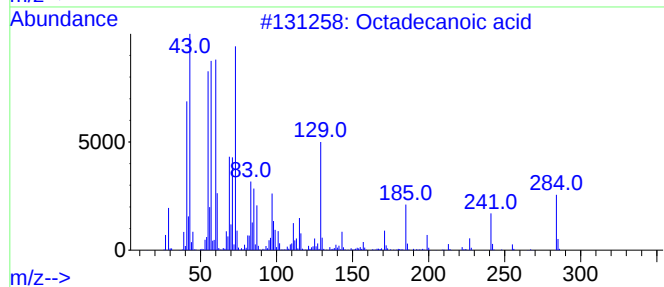
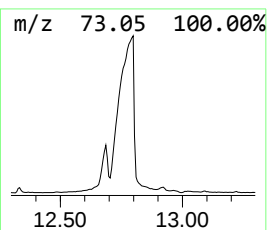
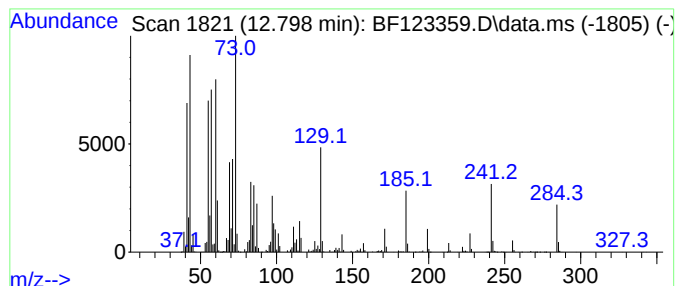
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	190.94 ng	39611400	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123359.D
Acq On : 3 Mar 2021 17:01
Operator : JU/CG
Sample : M1507-06
Misc :
ALS Vial : 8 Sample Multiplier: 4

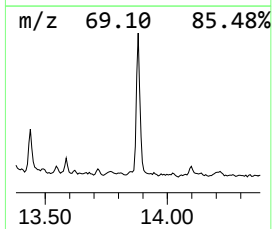
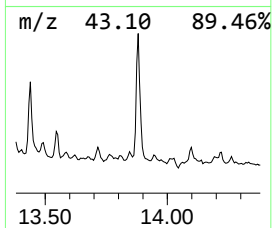
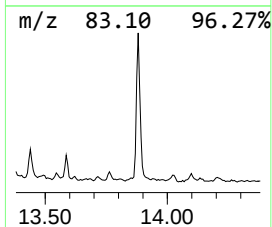
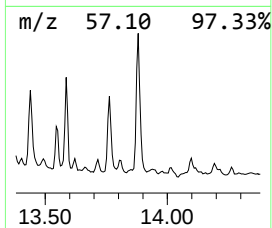
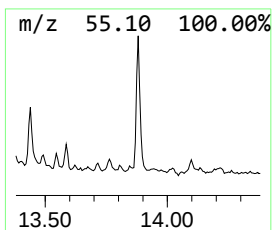
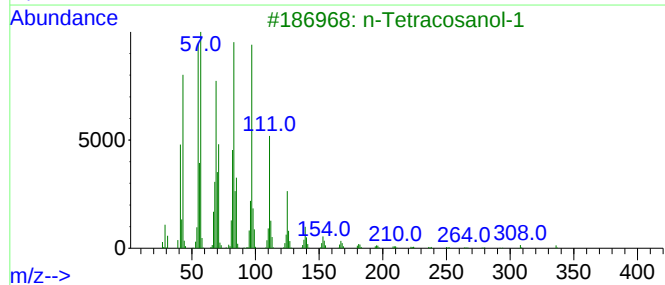
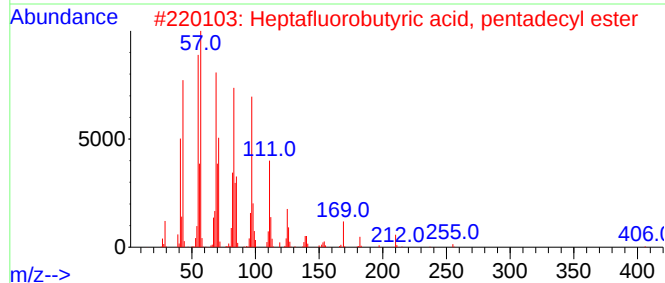
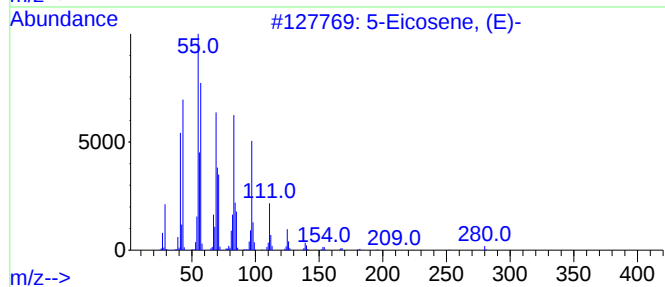
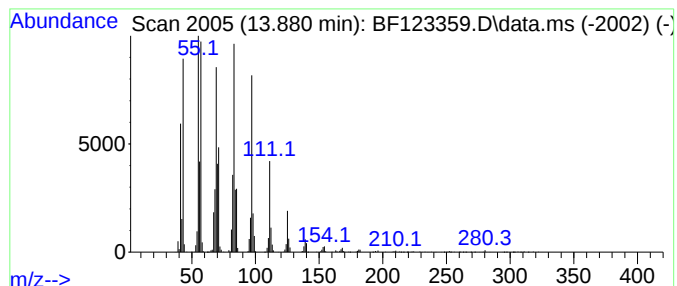
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.880	11.80 ng	2448260	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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 Operator : JU/CG
 Sample : M1507-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
Butane, 2-metho...	2.828	49.3	ng	6212560	1	6.857	2520820	20.0
1,3-Dioxolane, ...	3.557	7.3	ng	919628	1	6.857	2520820	20.0
2-Hexanone	3.834	6.9	ng	874181	1	6.857	2520820	20.0
Ethanol, 2-butoxy-	5.934	147.9	ng	18646700	1	6.857	2520820	20.0
1,3-Dioxolane-4...	6.204	17.3	ng	2174610	1	6.857	2520820	20.0
1-Hexanol, 2-et...	6.951	105.1	ng	13248700	1	6.857	2520820	20.0
Hexanoic acid, ...	7.751	56.5	ng	11129700	2	8.134	3943030	20.0
Phthalic anhydride	8.910	12.3	ng	2419330	2	8.134	3943030	20.0
unknown8.928	8.928	8.6	ng	1689020	2	8.134	3943030	20.0
Ethanol, 2-[2-(...	9.669	23.9	ng	3110040	3	9.892	2602200	20.0
Tributyl phosphate	10.563	33.9	ng	4404550	3	9.892	2602200	20.0
3,6,9,12-Tetrao...	11.022	11.4	ng	2050780	4	11.386	3592580	20.0
Hexanedioic aci...	11.539	20.5	ng	3674840	4	11.386	3592580	20.0
n-Hexadecanoic ...	11.892	8.4	ng	1501230	4	11.386	3592580	20.0
Pentadecanoic acid	11.975	86.4	ng	15521800	4	11.386	3592580	20.0
unknown12.210	12.210	25.7	ng	4621360	4	11.386	3592580	20.0
2,4,4,6,6,8,8-H...	12.363	9.3	ng	1662640	4	11.386	3592580	20.0
Octadecanoic acid	12.686	31.6	ng	5679400	4	11.386	3592580	20.0
Tetradecanoic acid	12.798	190.9	ng	39611400	5	14.045	4149030	20.0
5-Eicosene, (E)-	13.880	11.8	ng	2448260	5	14.045	4149030	20.0