

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124156.D
 Acq On : 7 Jun 2021 14:35
 Operator : JU/CG
 Sample : M2583-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33-34

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-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	1198933	1520500	5.17%	1.238%
2	5.498	572	580	586	rBV	815826	1014609	3.45%	0.826%
3	5.851	626	640	641	rBV2	235078	683037	2.32%	0.556%
4	5.993	653	664	666	rBV4	159243	368896	1.25%	0.300%
5	6.204	692	700	703	rBV2	660922	938008	3.19%	0.764%
6	6.534	749	756	762	rBV2	414898	858101	2.92%	0.699%
7	6.951	822	827	833	rBV	787436	893517	3.04%	0.728%
8	7.028	837	840	844	rVB	396591	350862	1.19%	0.286%
9	7.310	877	888	890	rBV6	359726	1130606	3.84%	0.921%
10	7.434	905	909	912	rVB	853467	975542	3.32%	0.794%
11	7.487	912	918	922	rBV	1765525	2298483	7.81%	1.872%
12	7.587	929	935	936	rBV	1175507	1414870	4.81%	1.152%
13	7.687	946	952	954	rBV2	1739082	3261713	11.08%	2.656%
14	7.704	954	955	960	rVB2	1681819	1370353	4.66%	1.116%
15	7.792	960	970	971	rBV3	338624	711723	2.42%	0.580%
16	7.904	982	989	994	rBV8	623891	1632973	5.55%	1.330%
17	8.110	998	1024	1025	rBV4	2324422	11768429	39.99%	9.583%
18	8.186	1035	1037	1038	rVB	3103486	1997455	6.79%	1.626%
19	8.210	1038	1041	1043	rVB	3546977	3406684	11.58%	2.774%
20	8.251	1043	1048	1049	rBV2	1087540	1294245	4.40%	1.054%
21	8.269	1049	1051	1056	rVB4	373489	539031	1.83%	0.439%
22	8.310	1056	1058	1060	rVB	634658	448761	1.53%	0.365%
23	8.334	1060	1062	1064	rBV	405175	304032	1.03%	0.248%
24	8.457	1064	1083	1085	rBV	7314117	29426136	100.00%	23.961%
25	8.486	1085	1088	1091	rVB	7757240	8527905	28.98%	6.944%
26	8.522	1091	1094	1096	rBV	574197	455590	1.55%	0.371%
27	8.569	1099	1102	1104	rBV	902803	818887	2.78%	0.667%
28	8.857	1139	1151	1153	rBV3	1876042	5915831	20.10%	4.817%
29	8.939	1163	1165	1166	rBV	502964	418995	1.42%	0.341%
30	8.957	1166	1168	1173	rVB3	2289604	3733367	12.69%	3.040%
31	8.998	1173	1175	1176	rVB	1174924	662418	2.25%	0.539%
32	9.022	1176	1179	1180	rBV2	1224886	1257661	4.27%	1.024%
33	9.039	1180	1182	1186	rVB2	1206082	1583499	5.38%	1.289%
34	9.098	1186	1192	1196	rBV3	1448709	3006463	10.22%	2.448%
35	9.233	1210	1215	1217	rBV	2609000	2626432	8.93%	2.139%
36	9.304	1217	1227	1231	rVB	2160044	6342655	21.55%	5.165%

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

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37	9.492	1257	1259	1265	rVB2	448695	443682	1.51%	0.361%
38	9.733	1288	1300	1302	rBV	1285984	2868514	9.75%	2.336%
39	9.910	1327	1330	1338	rVV3	584362	773102	2.63%	0.630%
40	10.175	1368	1375	1377	rBV3	562035	820485	2.79%	0.668%
41	10.710	1461	1466	1471	rVB	1174462	1175874	4.00%	0.957%
42	11.098	1523	1532	1535	rBV2	915780	1472358	5.00%	1.199%
43	11.298	1562	1566	1569	rVV	398572	379107	1.29%	0.309%
44	11.369	1573	1578	1580	rVV	2486647	2614677	8.89%	2.129%
45	11.398	1580	1583	1589	rVV	538713	537817	1.83%	0.438%
46	11.463	1589	1594	1597	rVB	1528934	1501554	5.10%	1.223%
47	11.551	1605	1609	1616	rVB	509575	502456	1.71%	0.409%
48	11.751	1640	1643	1646	rVB	698760	542244	1.84%	0.442%
49	11.869	1657	1663	1670	rBV2	342084	610693	2.08%	0.497%
50	11.951	1670	1677	1680	rVV	1410674	1809262	6.15%	1.473%
51	12.657	1791	1797	1801	rBV3	448532	655456	2.23%	0.534%
52	12.710	1803	1806	1818	rVB2	254014	334136	1.14%	0.272%
53	12.869	1830	1833	1839	rVB	333322	336117	1.14%	0.274%
54	12.980	1847	1852	1855	rBV	1382524	1171427	3.98%	0.954%
55	15.515	2278	2283	2290	rVB	220255	303192	1.03%	0.247%

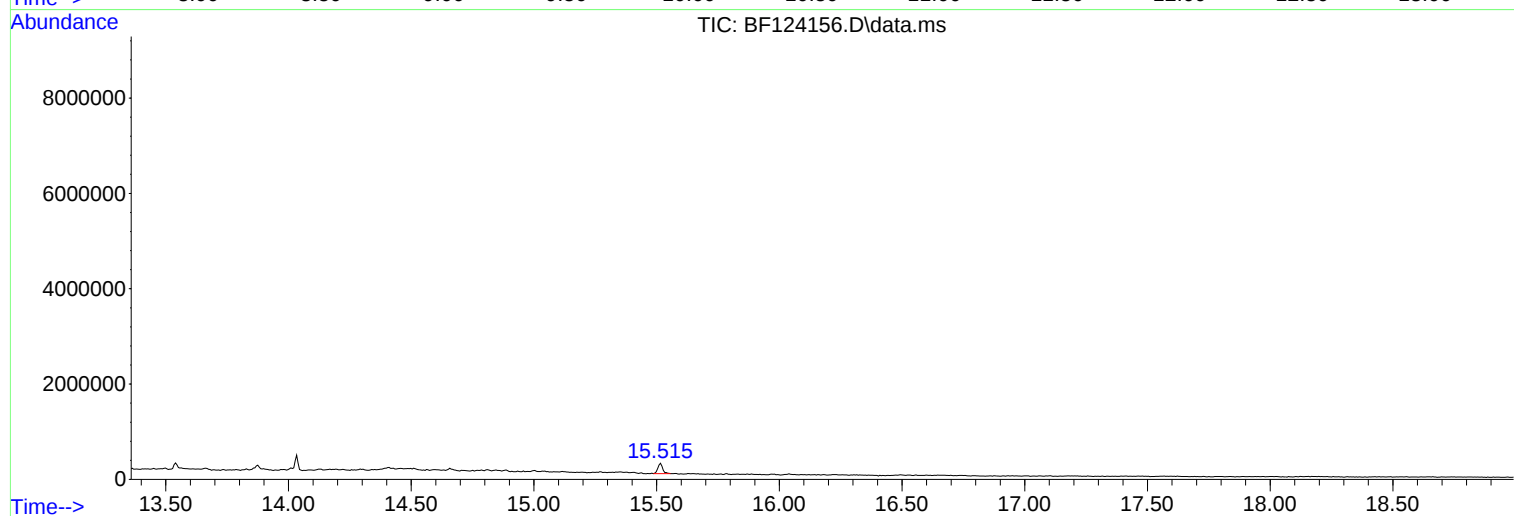
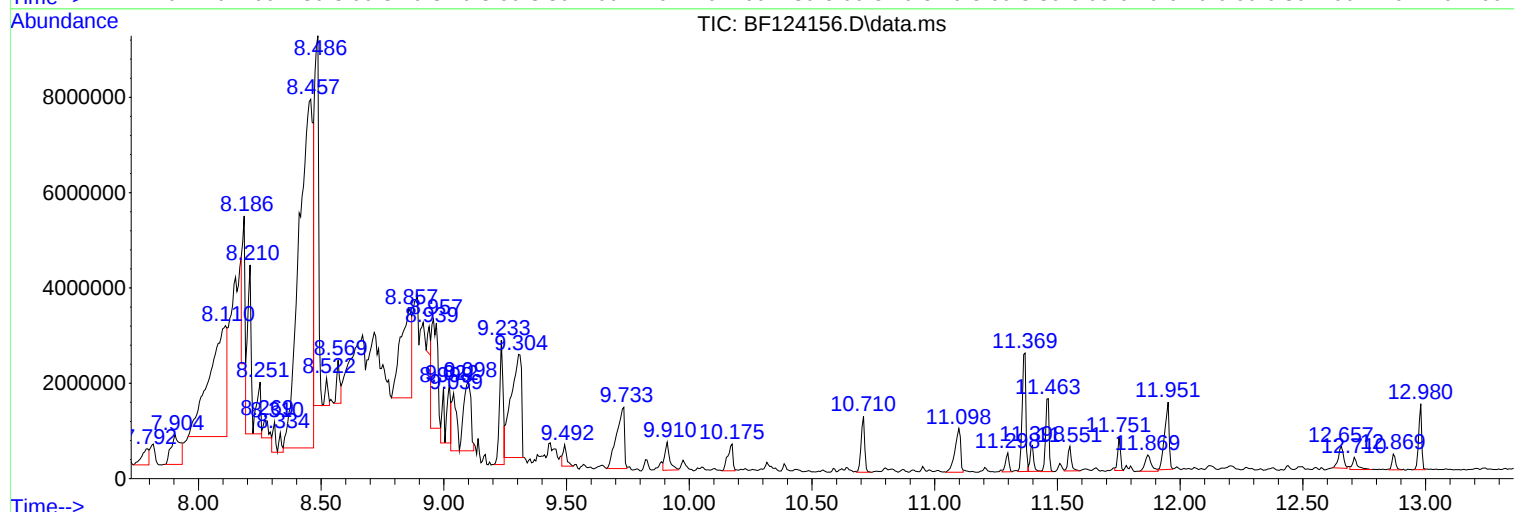
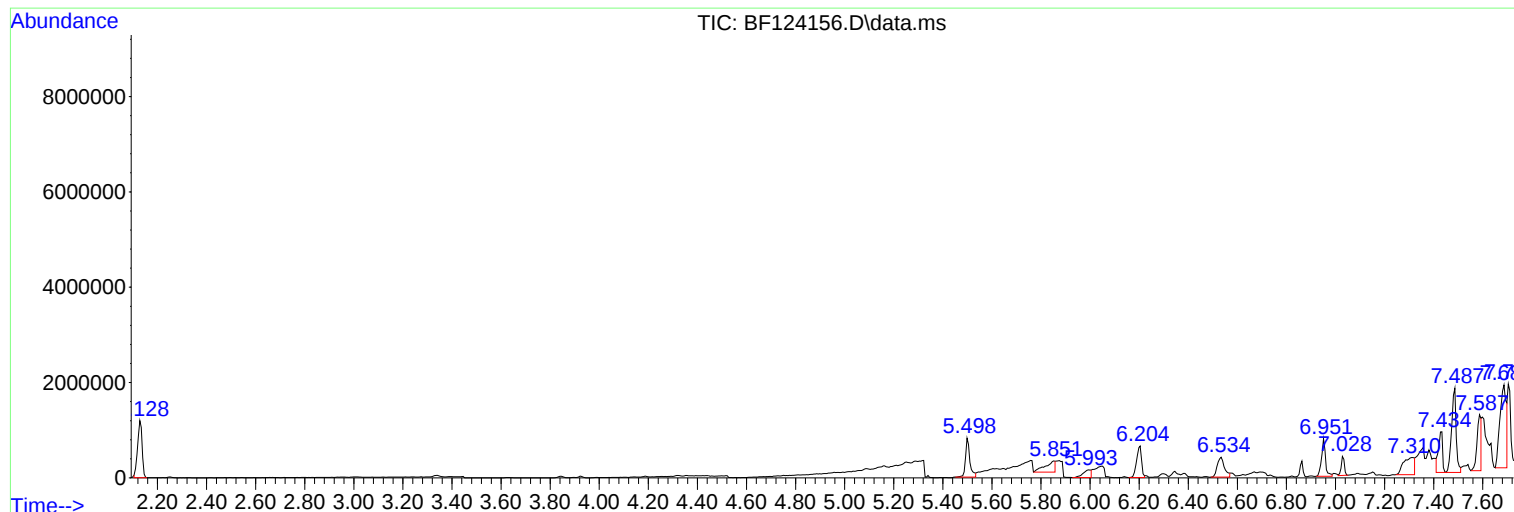
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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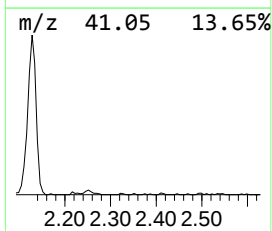
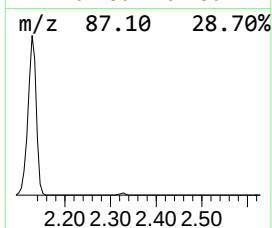
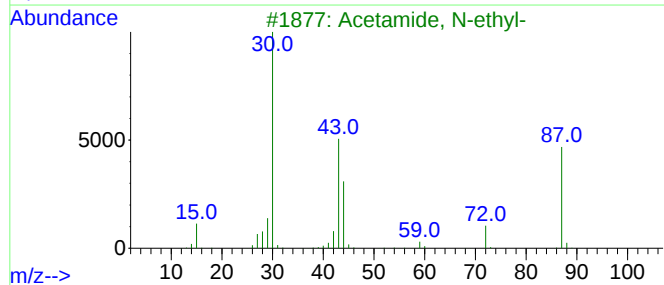
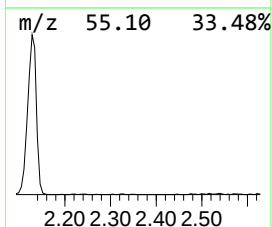
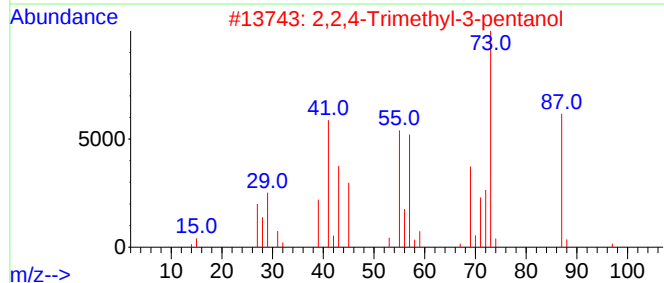
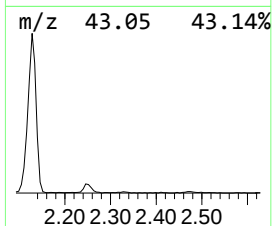
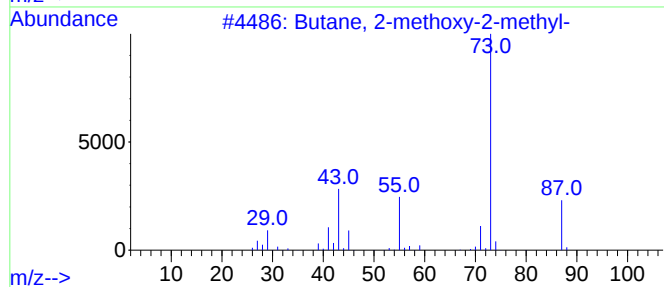
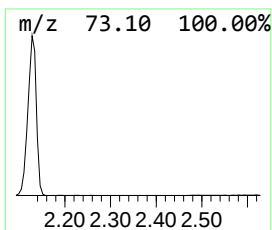
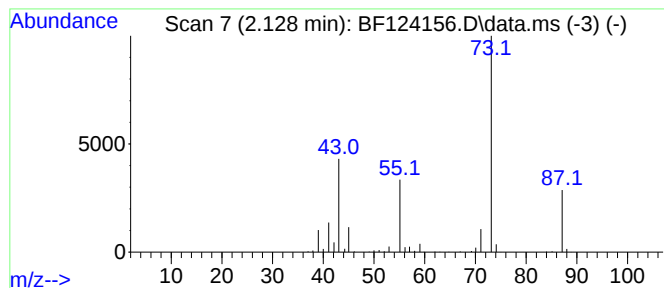
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	34.03 ng	1520500	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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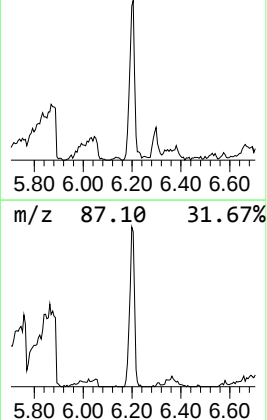
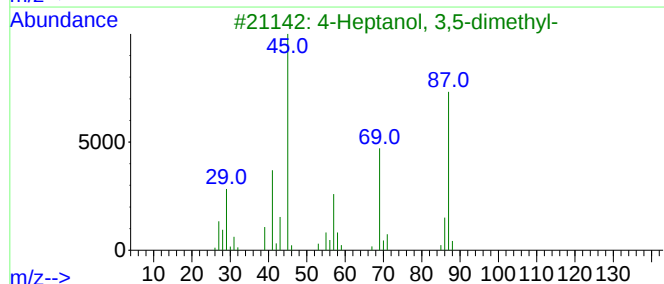
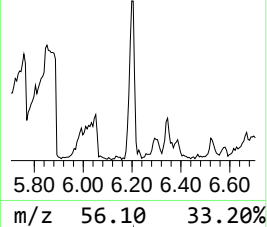
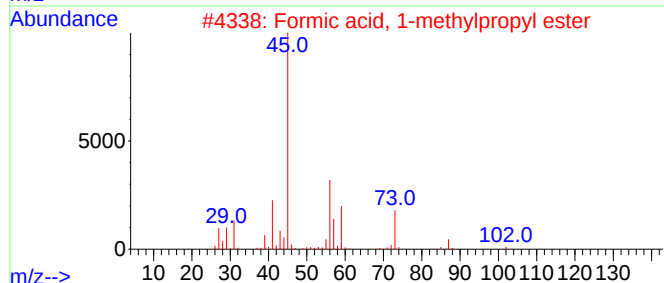
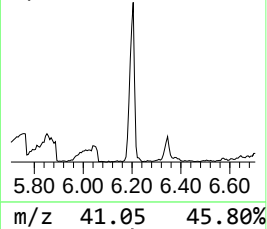
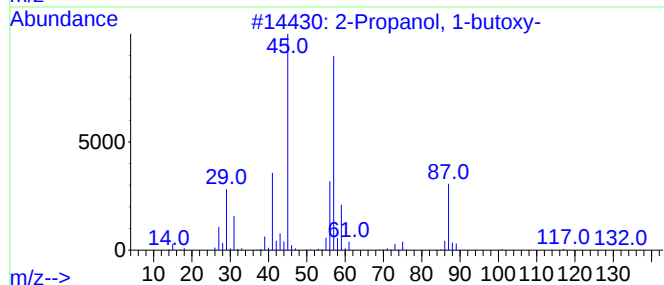
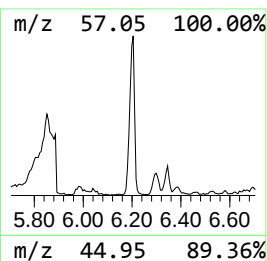
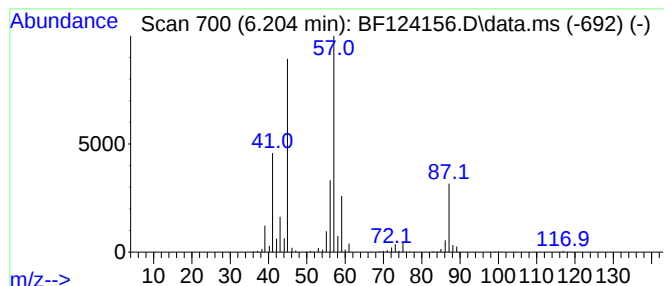
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	21.00 ng	938008	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-			132	C7H16O2	005131-66-8	90
2	Formic acid, 1-methylpropyl ester			102	C5H10O2	000589-40-2	59
3	4-Heptanol, 3,5-dimethyl-			144	C9H20O	019549-79-2	50
4	3,3-Dimethylbutane-2-ol			102	C6H14O	000464-07-3	42
5	5-Methyl-1-hepten-4-ol			128	C8H16O	099328-46-8	38



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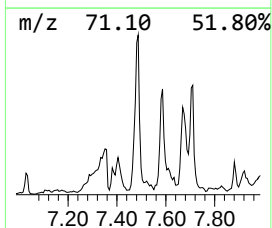
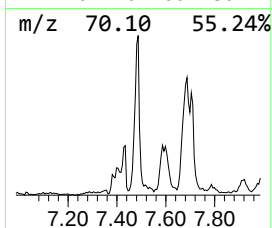
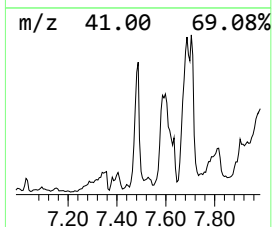
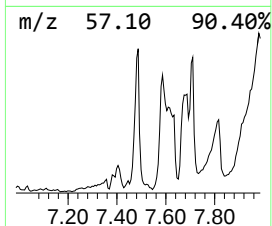
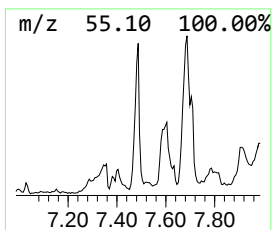
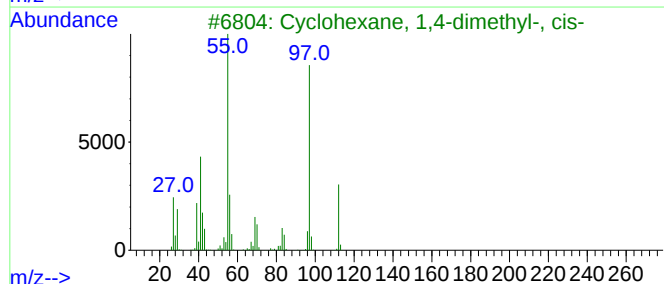
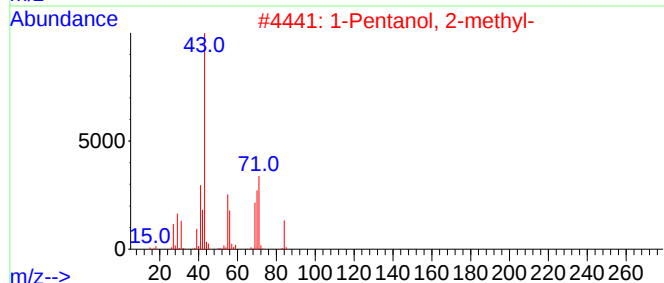
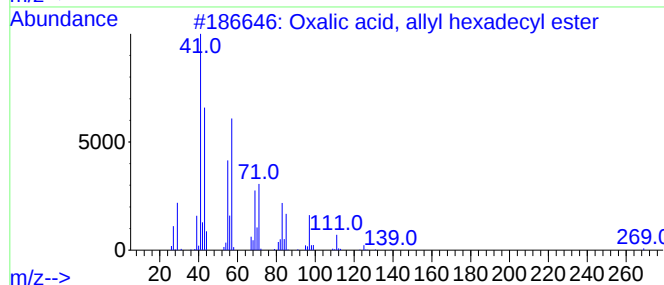
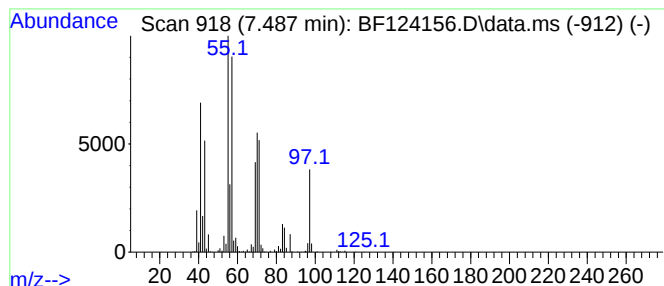
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.487 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	51.45 ng	2298480	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	47
2			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	43
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
4			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	38
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38



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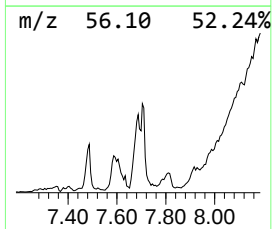
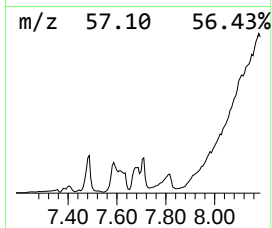
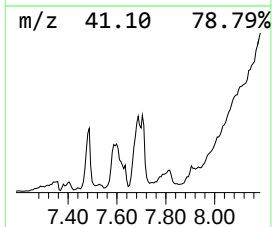
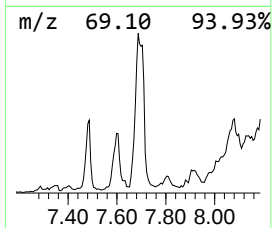
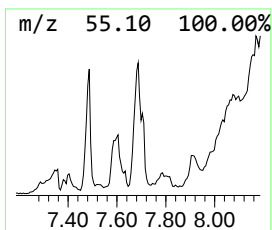
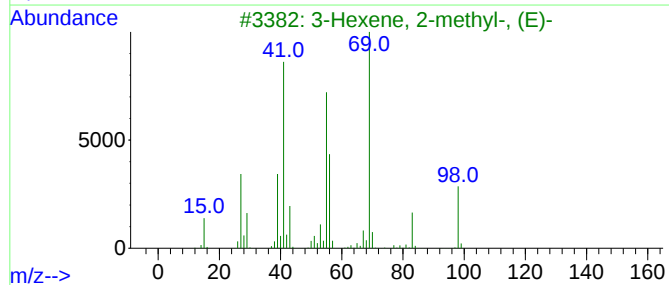
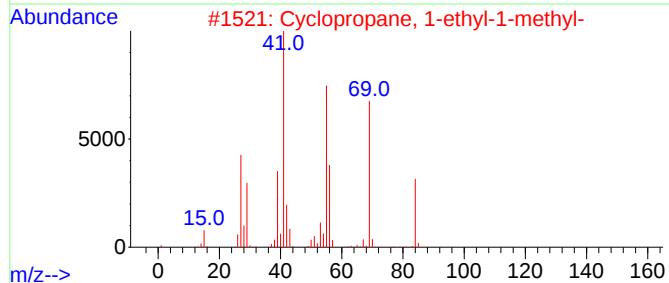
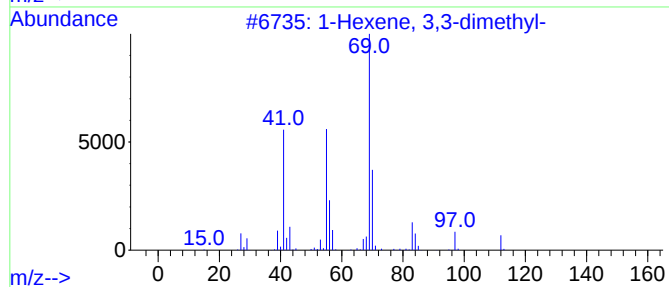
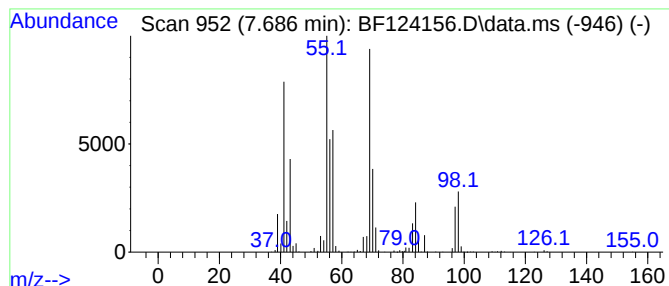
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexene, 3,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	32.66 ng	3261710	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53
2			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	52
3			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
4			3-Methyl-3-hexene	98	C7H14	003404-65-7	45
5			3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	43



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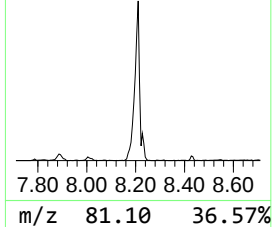
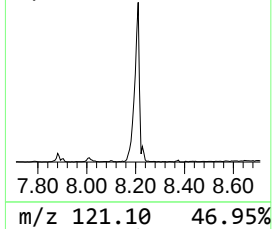
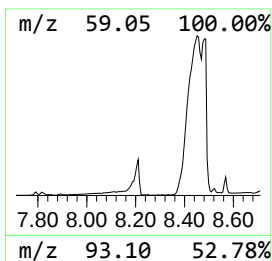
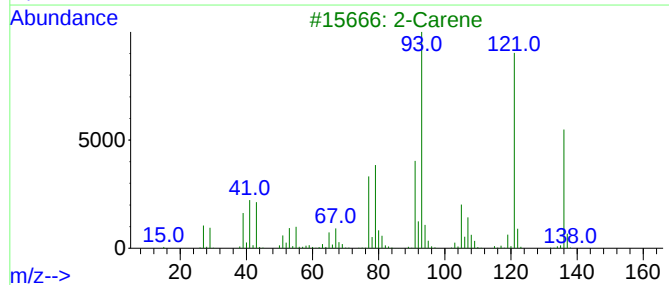
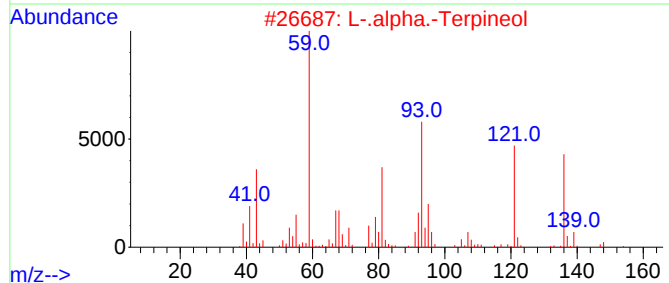
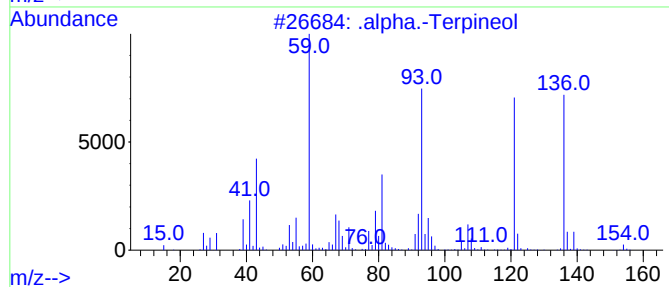
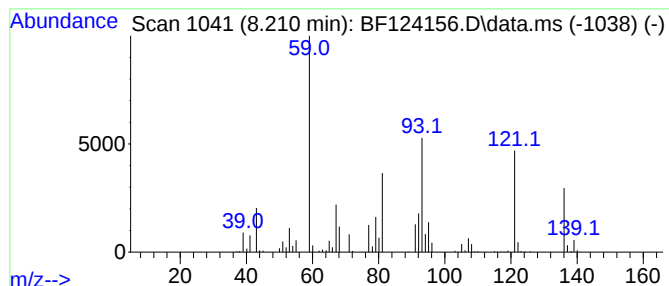
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 .alpha.-Terpineol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	34.11 ng	3406680	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Terpineol	154	C10H18O	000098-55-5	78
2			L-.alpha.-Terpineol	154	C10H18O	010482-56-1	52
3			2-Carene	136	C10H16	000554-61-0	42
4			(+)-4-Carene	136	C10H16	029050-33-7	38
5			Bicyclo[2.2.1]hept-2-ene, 2,7,7-...	136	C10H16	000514-14-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33-34

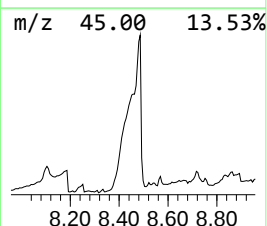
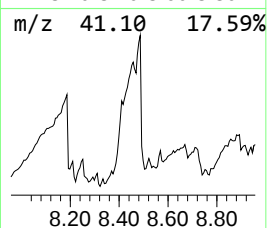
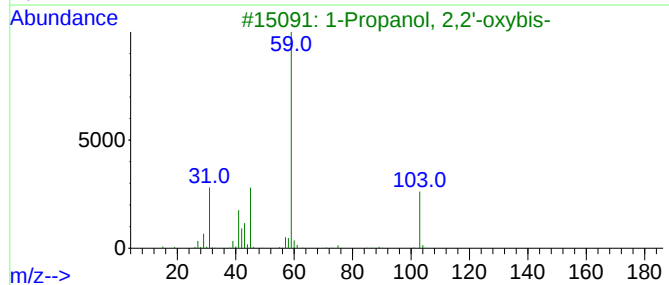
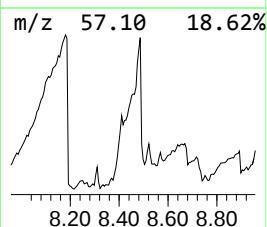
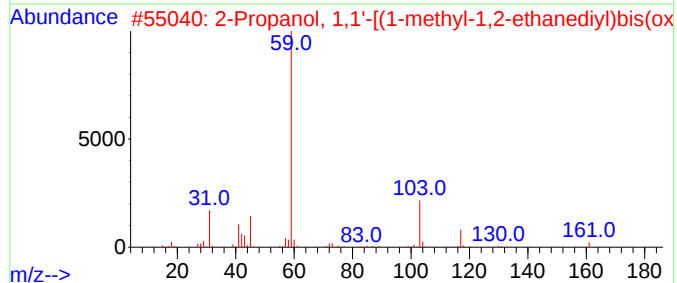
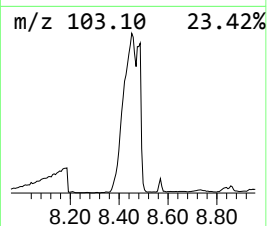
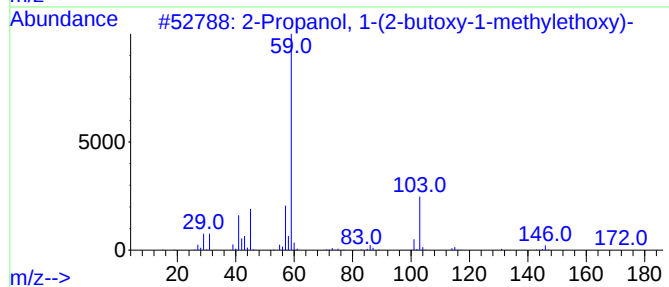
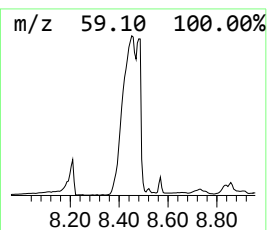
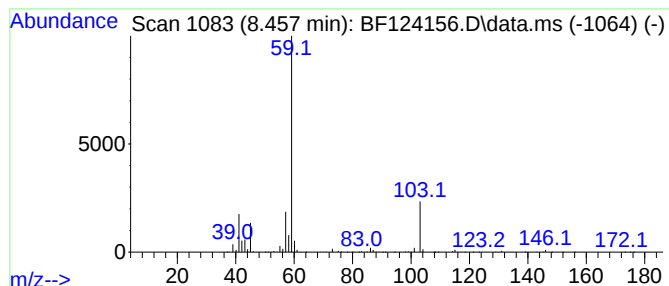
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.457	294.64 ng	29426100	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83		
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72		
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72		
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	72		
5	Tetraglyme	222	C10H22O5	000143-24-8	72		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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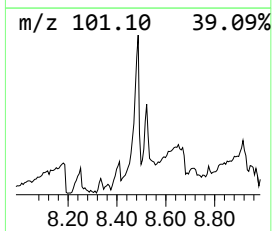
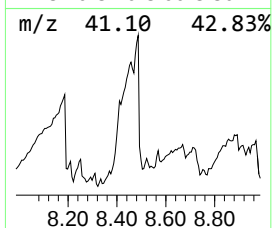
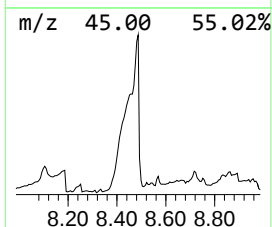
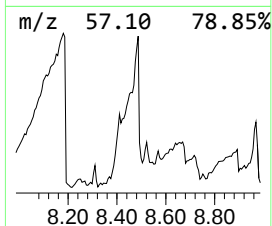
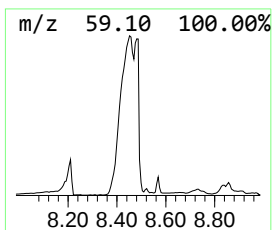
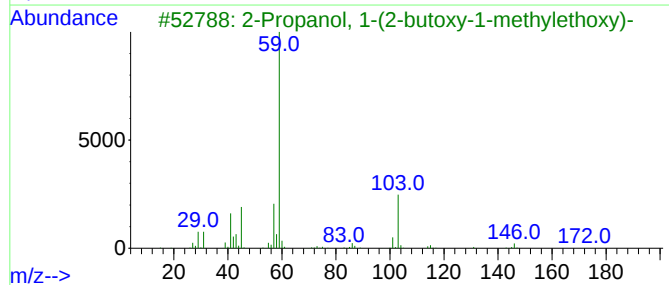
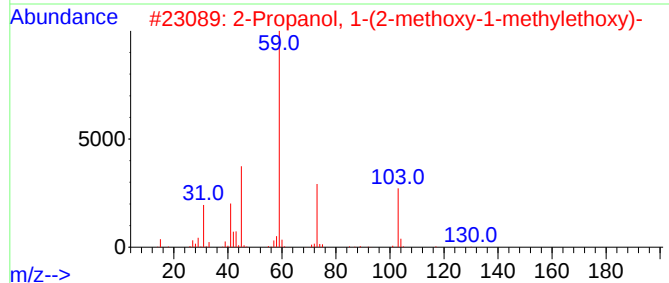
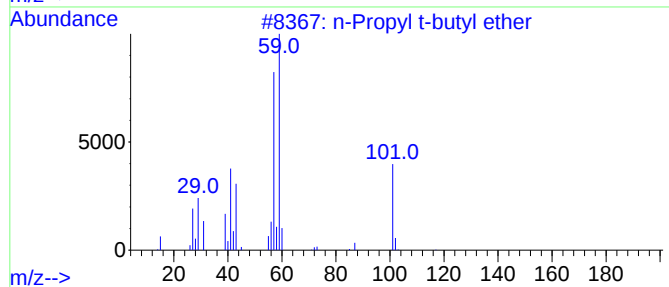
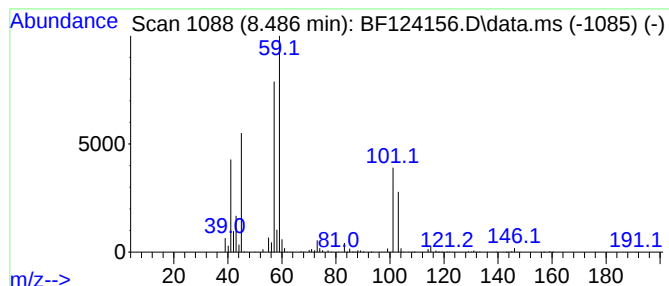
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Propyl t-butyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.486	85.39 ng	8527910	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	53
2			2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	53
3			2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	50
4			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
5			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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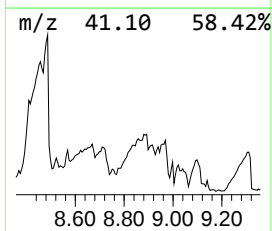
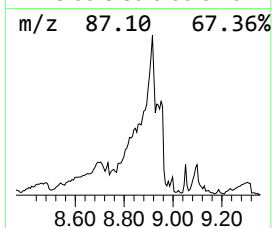
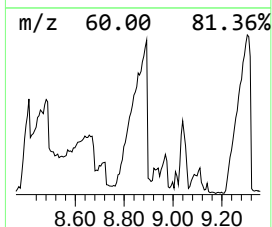
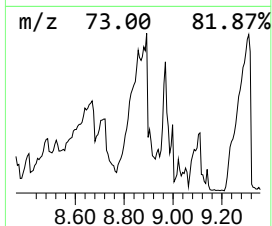
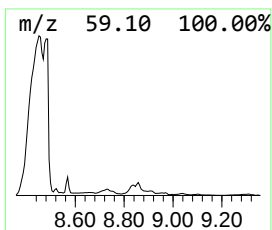
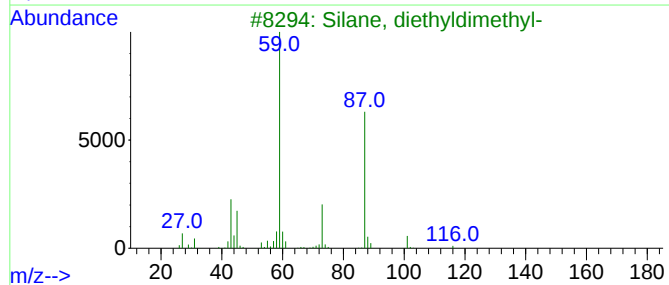
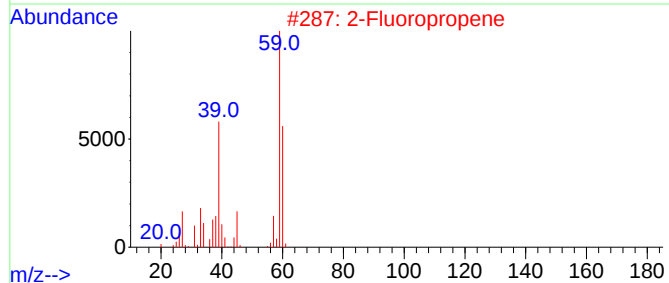
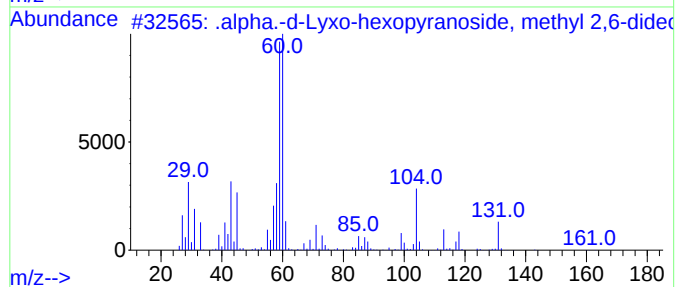
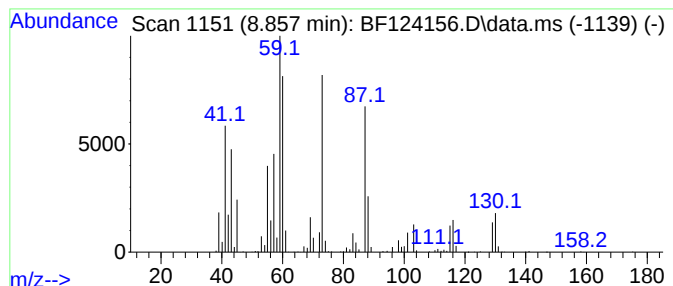
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.857 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.857	59.23 ng	5915830	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-d-Lyxo-hexopyranoside, m...	162	C7H14O4	004092-45-9	37
2	2-		Fluoropropene	60	C3H5F	001184-60-7	37
3	Silane, diethyl		dimethyl-	116	C6H16Si	000756-81-0	32
4	3-Pentanol, 2,2-		dimethyl-	116	C7H16O	003970-62-5	25
5	1-(1-Methoxypropan-2-yloxy)propa...			230	C12H22O4	1000367-11-3	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
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Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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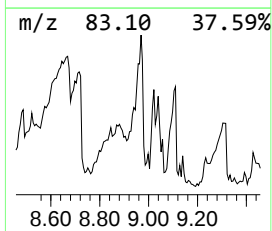
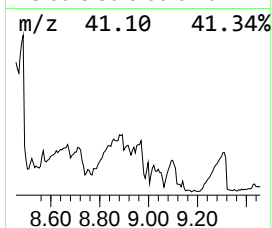
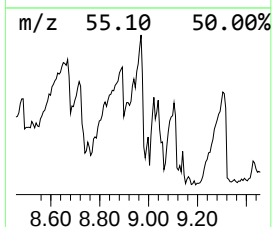
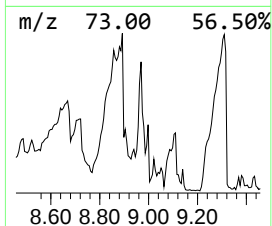
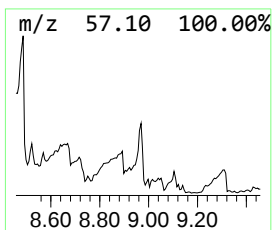
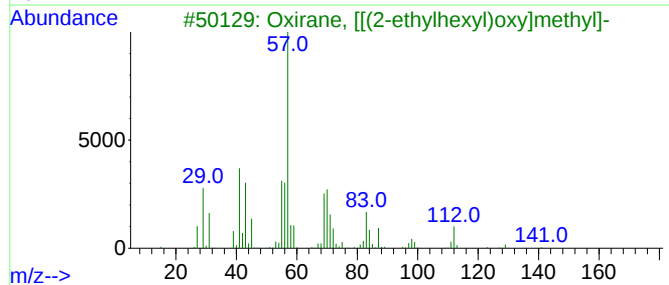
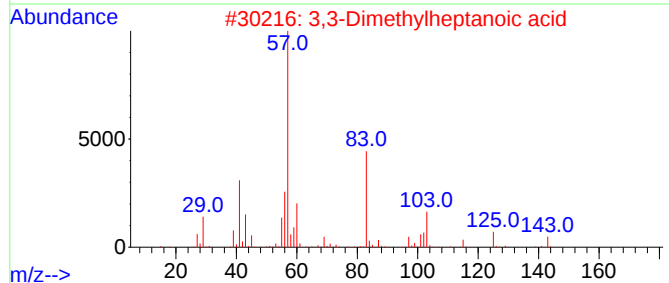
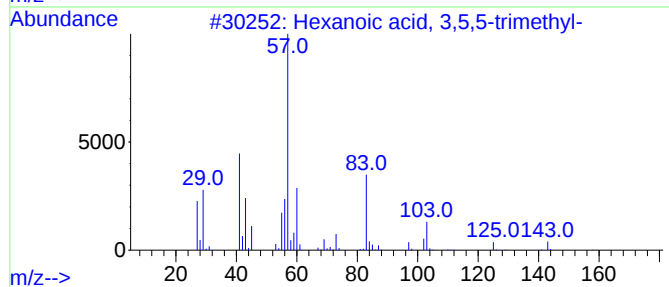
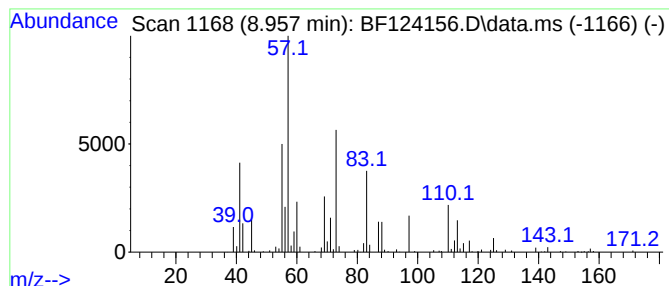
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.957 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	37.38 ng	3733370	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	43
2			3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	37
3			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	12
4			Butanoic acid, 4-butoxy-	160	C8H16O3	055724-73-7	12
5			3-O-Methyl-d-glucose	194	C7H14O6	1000127-25-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
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Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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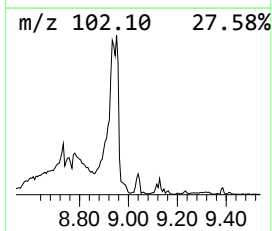
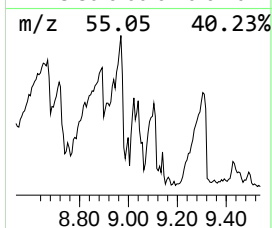
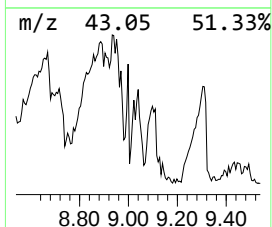
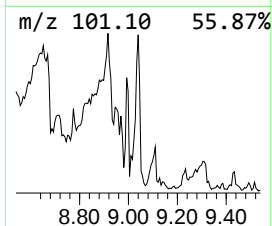
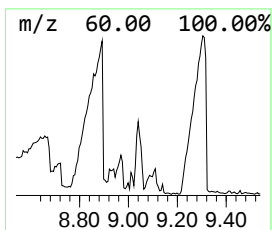
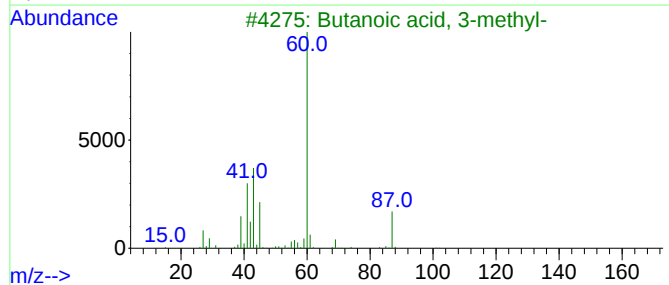
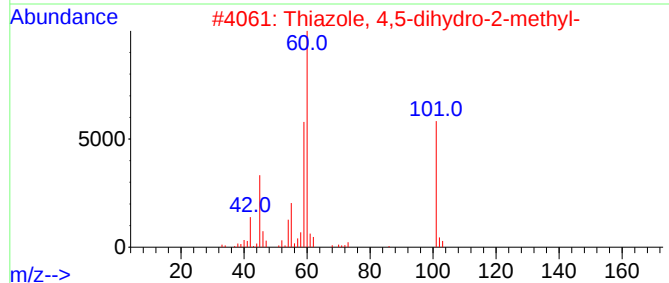
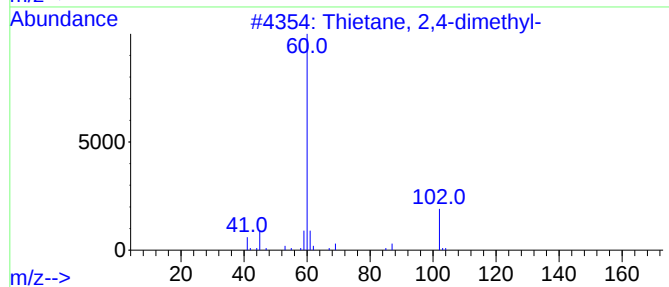
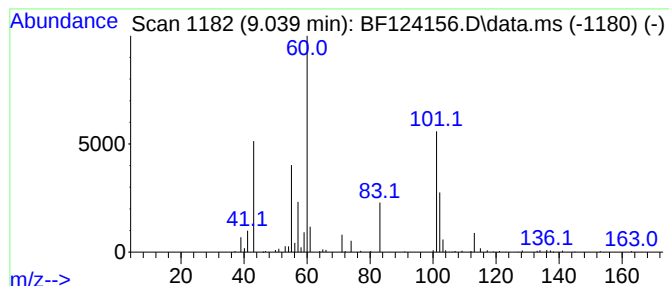
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.039 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.039	40.96 ng	1583500	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
2			Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	33
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	23
4			Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	9
5			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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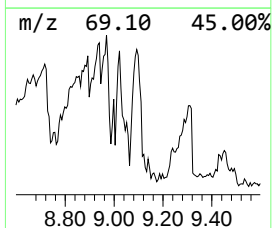
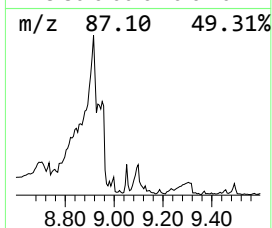
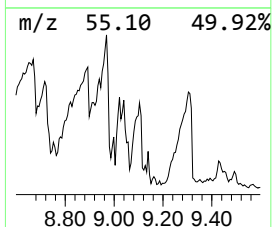
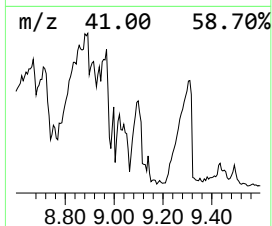
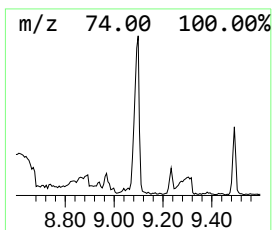
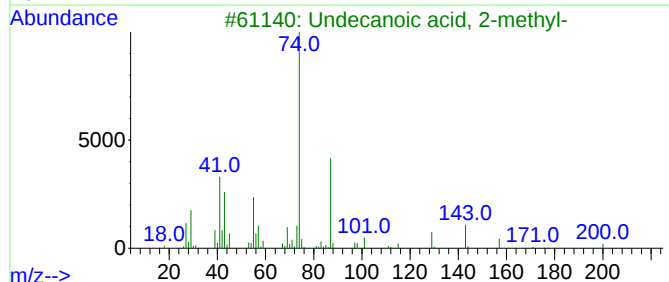
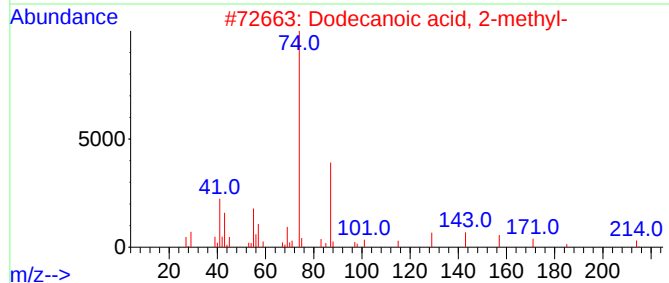
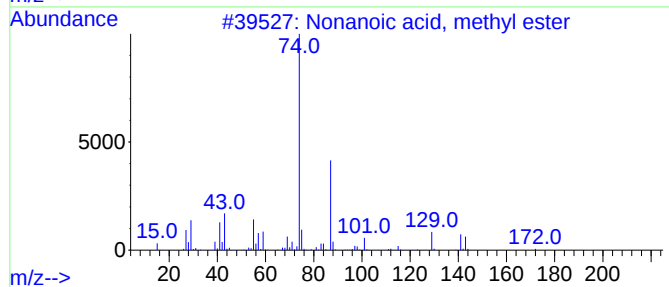
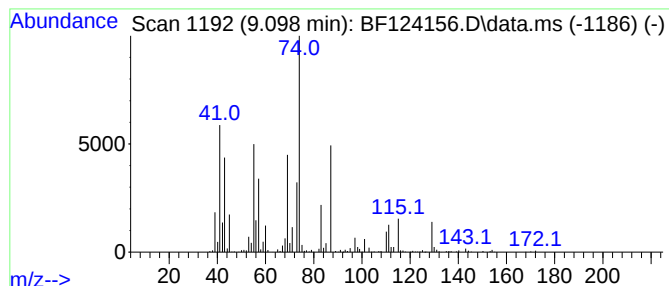
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.098 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	77.78 ng	3006460	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	47
2			Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	40
3			Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	33
4			Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	33
5			Methyl-2-O-methyl.alpha.d-glucop...	208	C8H16O6	015064-82-1	28



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Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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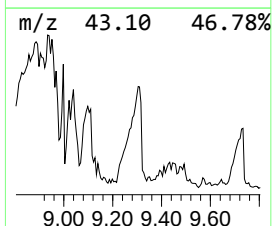
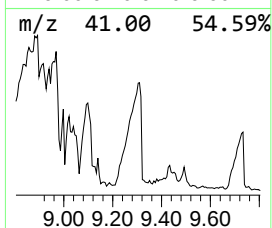
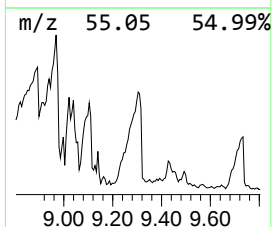
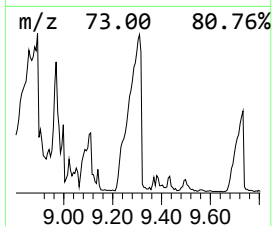
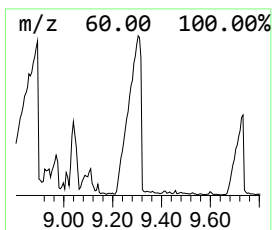
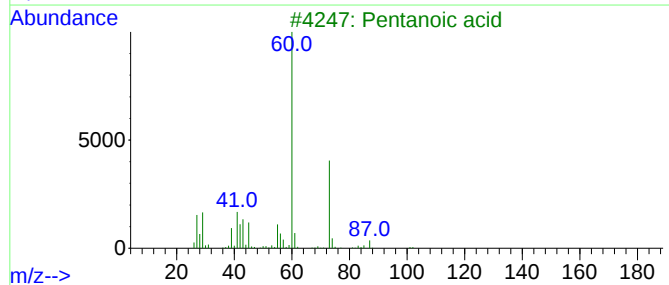
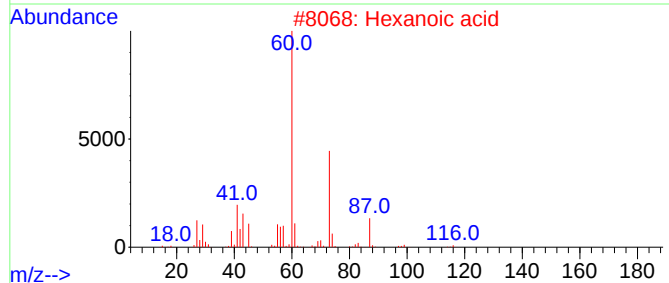
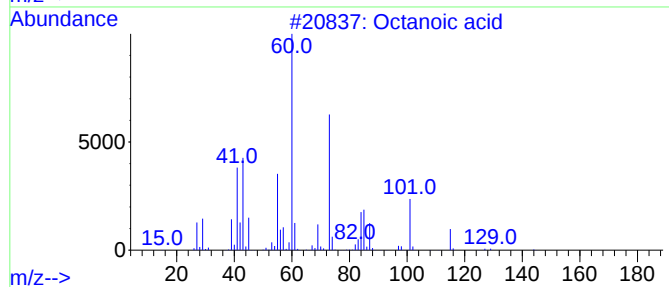
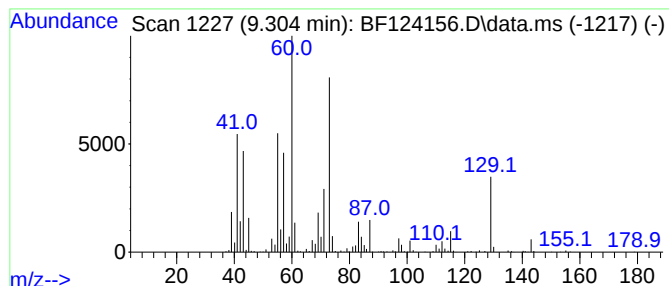
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	164.08 ng	6342660	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid	144	C8H16O2	000124-07-2	70
2			Hexanoic acid	116	C6H12O2	000142-62-1	52
3			Pentanoic acid	102	C5H10O2	000109-52-4	43
4			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
5			Nonanoic acid	158	C9H18O2	000112-05-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
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Sample : M2583-19
Misc :
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Instrument :
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ClientSampleId :
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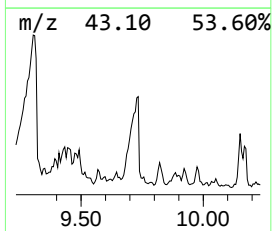
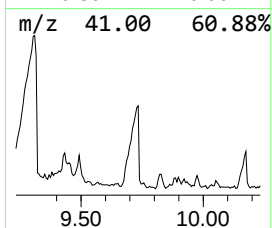
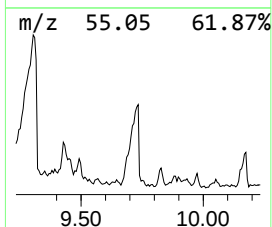
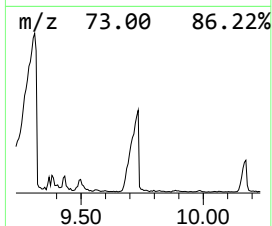
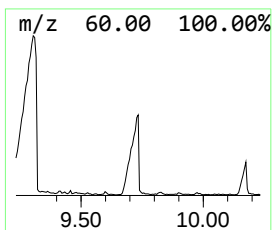
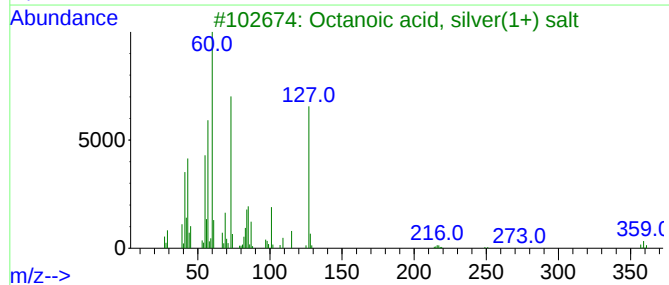
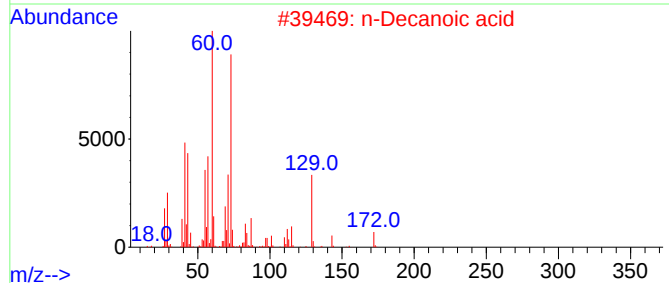
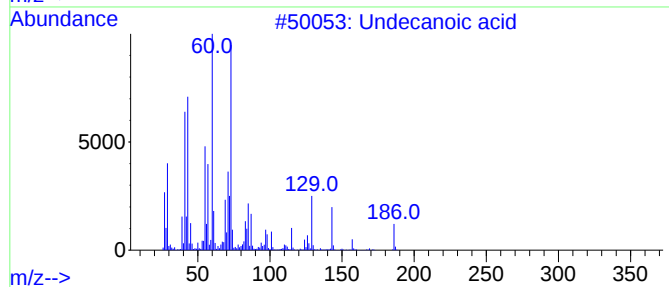
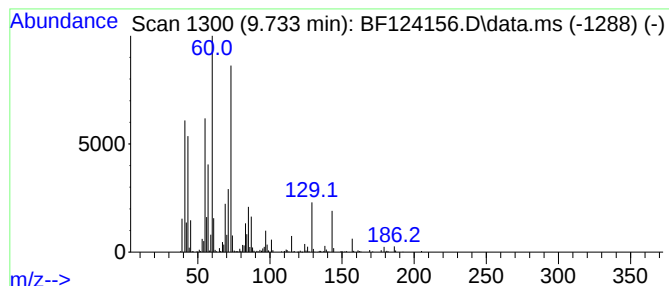
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.733	74.21 ng	2868510	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	94
2			n-Decanoic acid	172	C10H20O2	000334-48-5	59
3			Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
4			Octanoic acid	144	C8H16O2	000124-07-2	50
5			3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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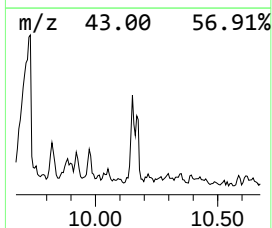
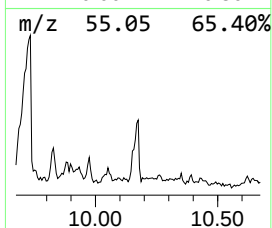
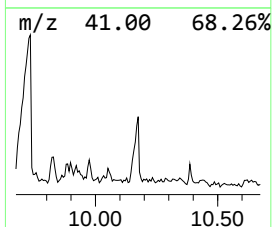
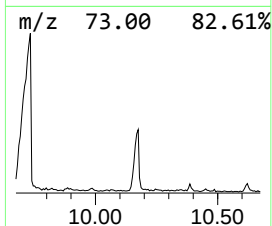
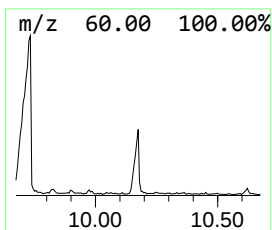
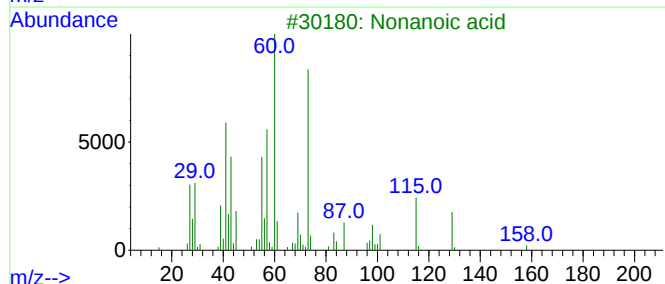
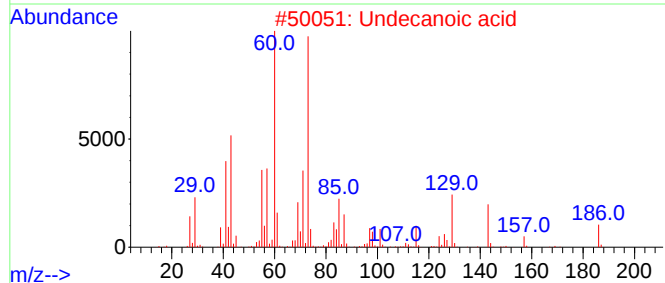
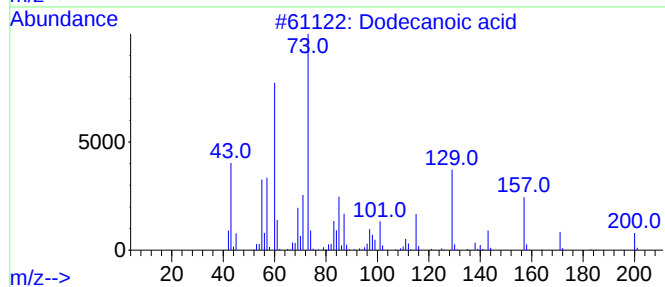
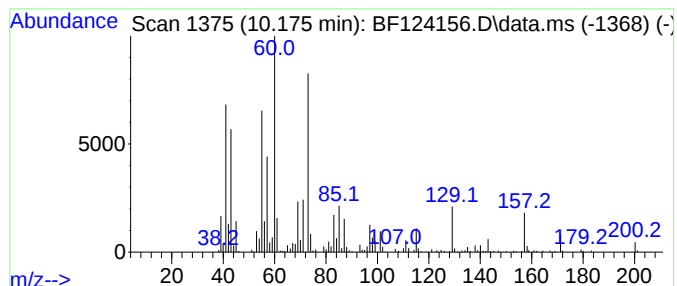
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	21.23 ng	820485	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	95
2			Undecanoic acid	186	C11H22O2	000112-37-8	90
3			Nonanoic acid	158	C9H18O2	000112-05-0	70
4			Octanoic acid	144	C8H16O2	000124-07-2	58
5			Hexanoic acid	116	C6H12O2	000142-62-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33-34

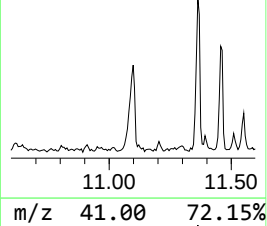
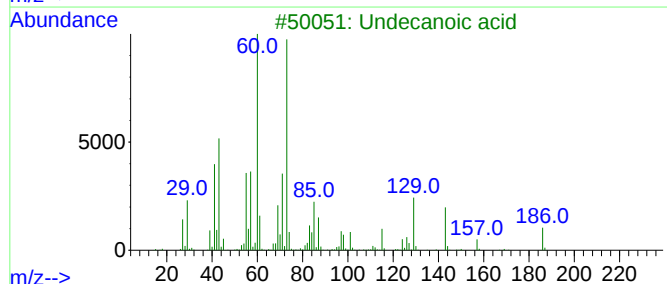
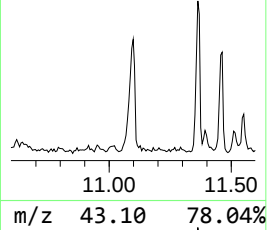
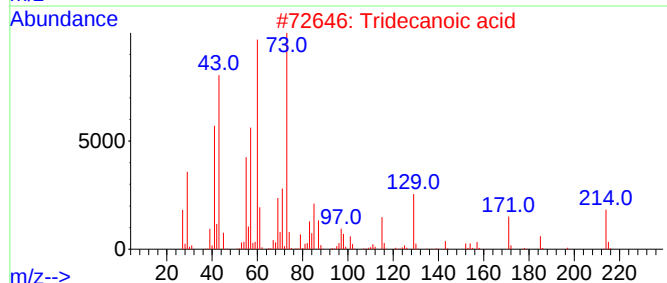
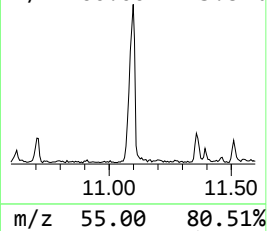
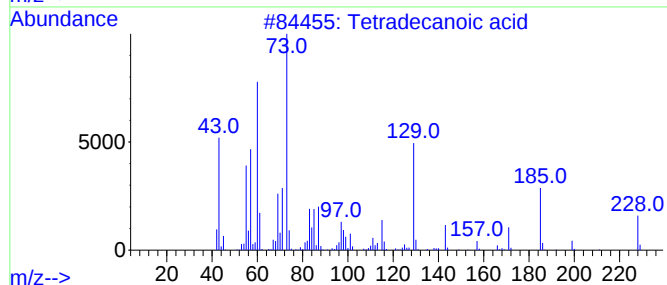
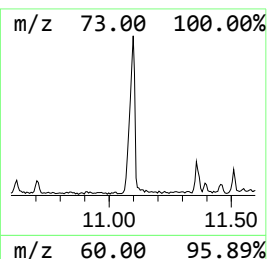
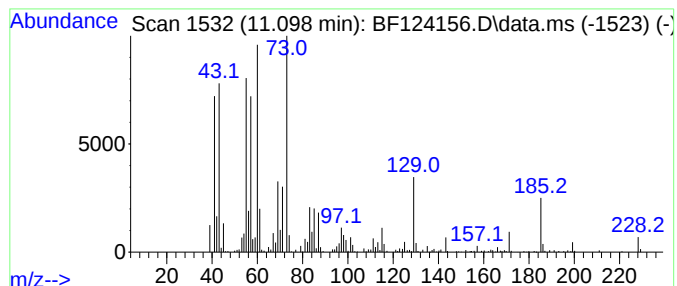
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	54.75 ng	1472360	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			Tridecanoic acid	214	C13H26O2	000638-53-9	80
3			Undecanoic acid	186	C11H22O2	000112-37-8	76
4			Dodecanoic acid	200	C12H24O2	000143-07-7	59
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
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Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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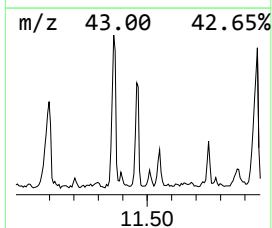
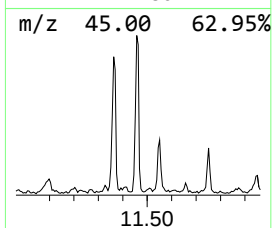
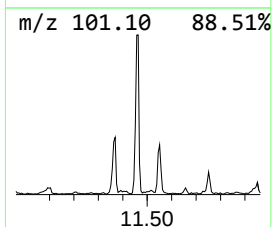
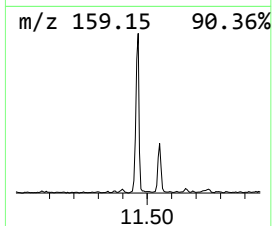
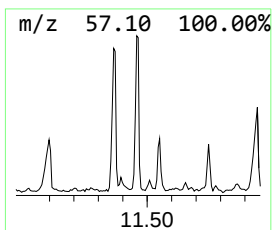
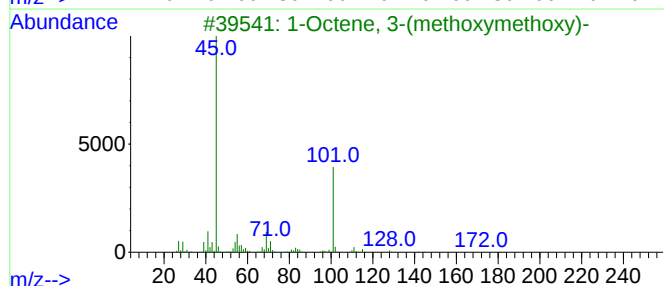
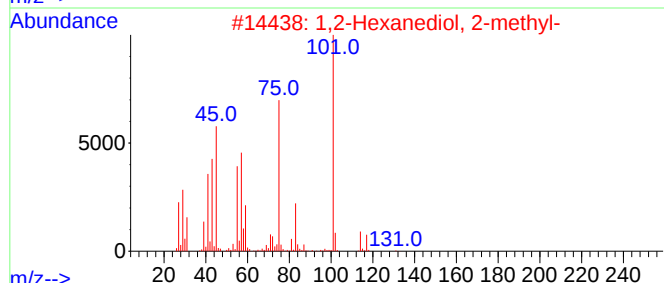
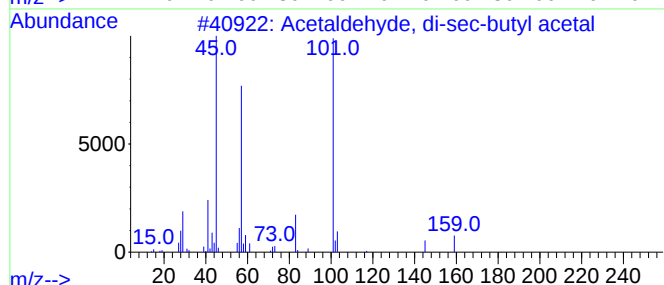
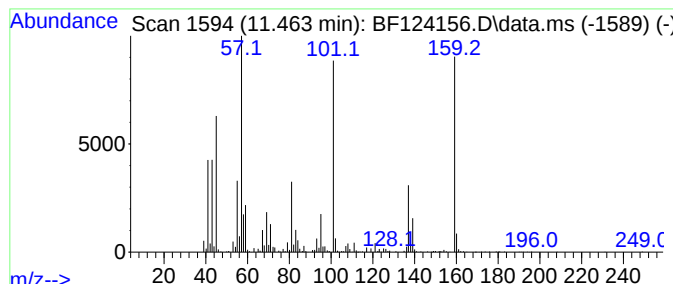
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.463 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	55.84 ng	1501550	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	38
2			1,2-Hexanediol, 2-methyl-	132	C7H16O2	056255-50-6	32
3			1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	27
4			Butylphosphonic acid, di(4-metho...	338	C16H35O5P	1000323-49-3	25
5			Succinic acid, butyl 2,4-dimethy...	272	C15H28O4	1000349-35-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
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Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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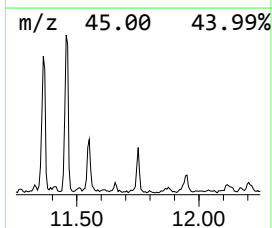
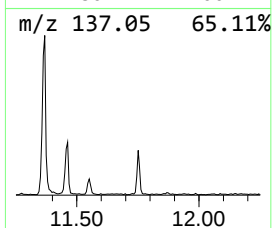
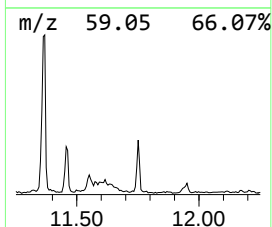
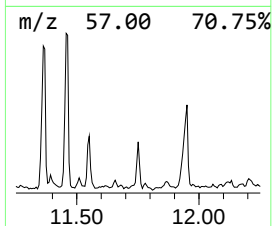
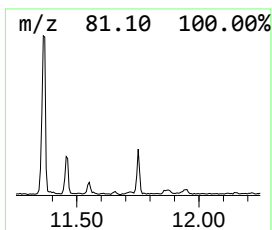
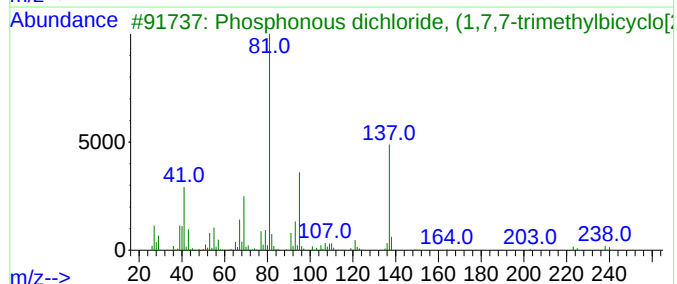
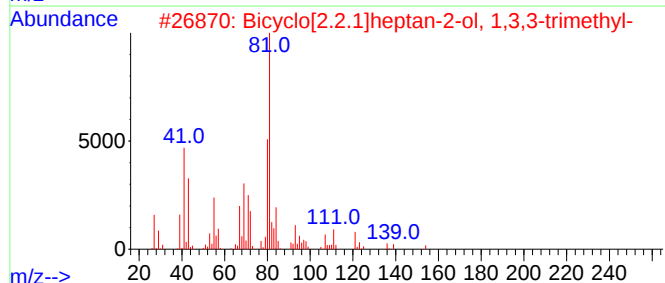
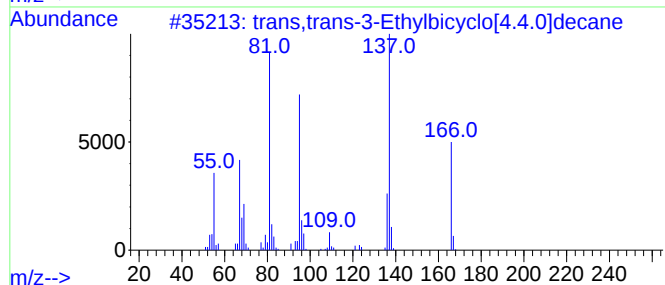
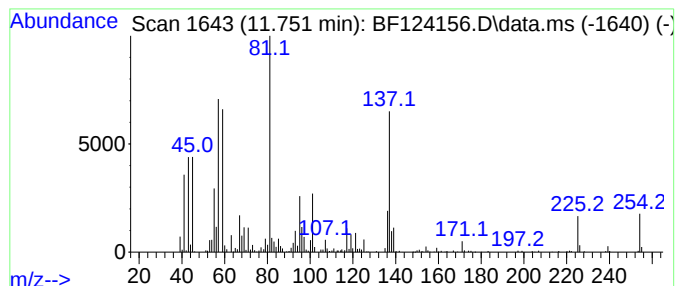
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.751 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	20.16 ng	542244	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans-3-Ethylbicyclo[4.4.0]decane	166	C12H22	058462-32-1	37
2			Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl-	154	C10H18O	001632-73-1	18
3			Phosphonous dichloride, (1,7,7-trimethylbicyclo[2.2.1]heptan-2-ylidene)-	238	C10H17Cl2P	074630-16-3	16
4			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	14
5			Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

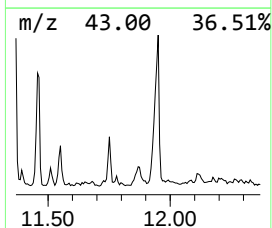
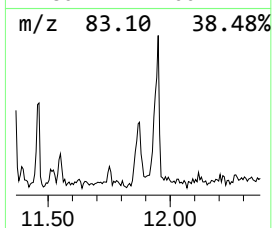
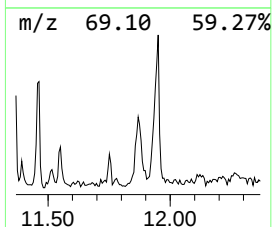
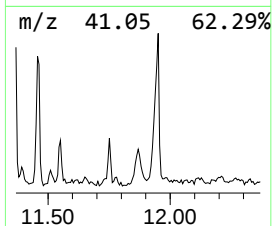
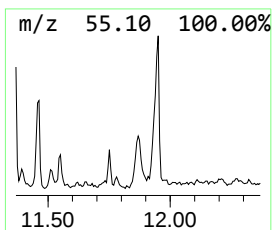
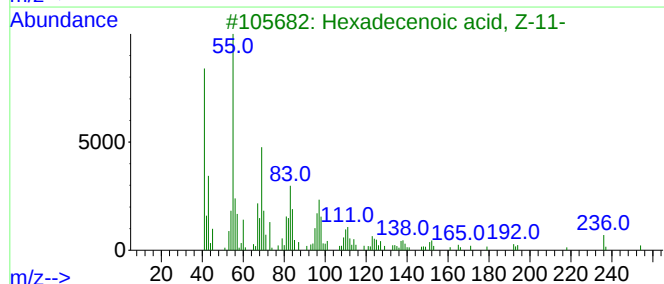
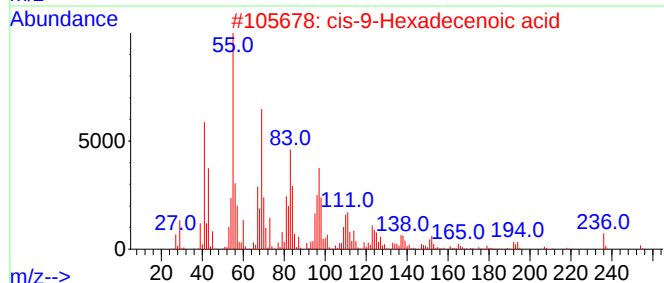
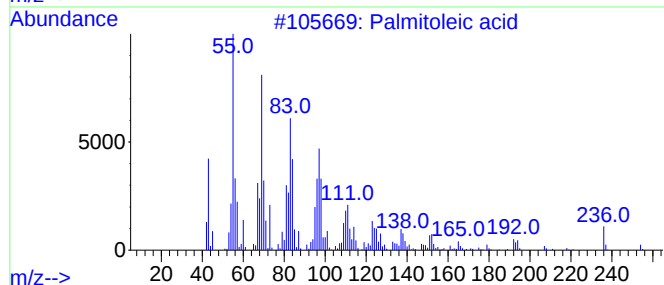
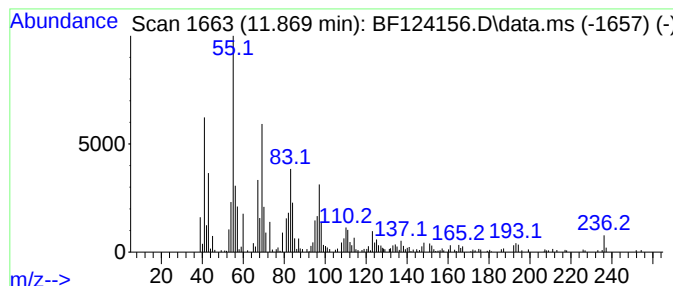
Instrument :
BNA_F
ClientSampleId :
33-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Palmitoleic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.869	22.71 ng	610693	Phenanthrene-d10		11.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Palmitoleic acid		254	C16H30O2	000373-49-9	97
2	cis-9-Hexadecenoic acid		254	C16H30O2	1000333-19-5	93
3	Hexadecenoic acid, Z-11-		254	C16H30O2	002416-20-8	87
4	9-Hexadecenoic acid		254	C16H30O2	002091-29-4	87
5	1-Tridecene		182	C13H26	002437-56-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33-34

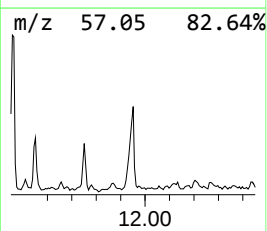
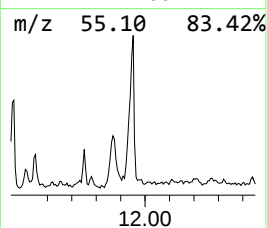
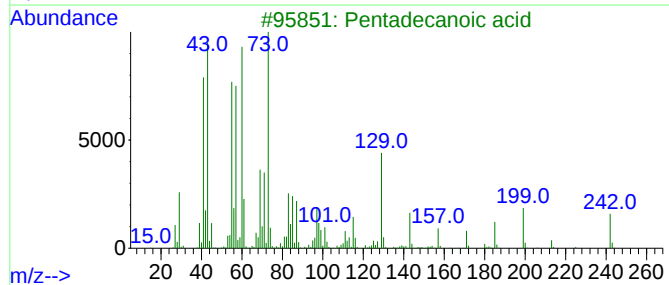
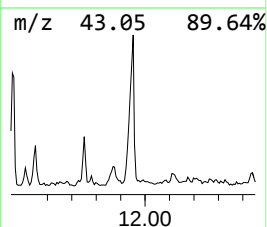
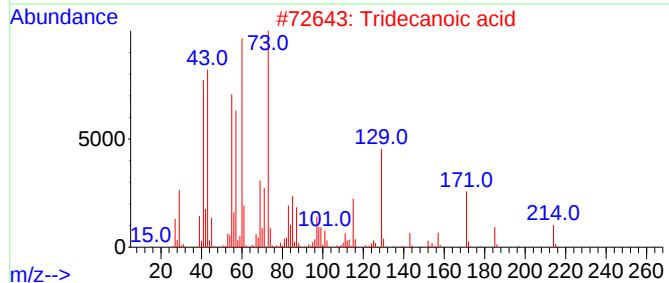
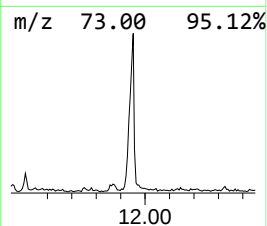
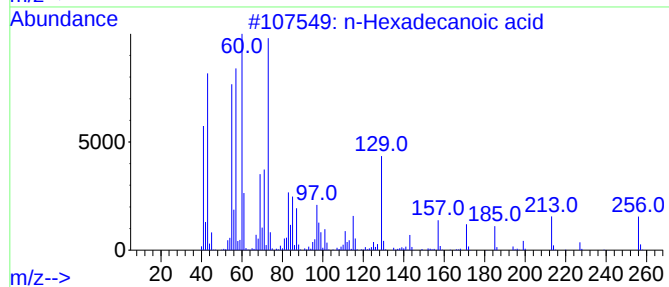
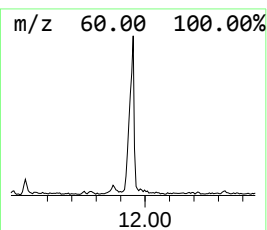
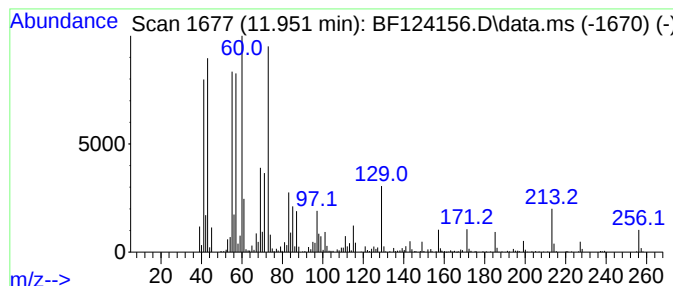
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	67.28 ng	1809260	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33-34

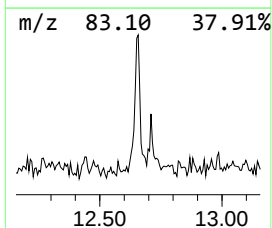
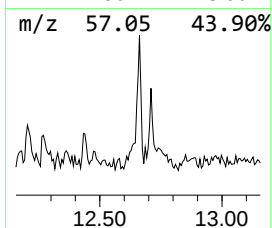
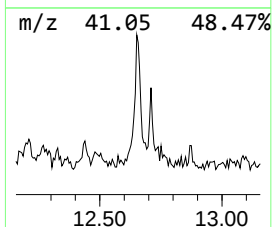
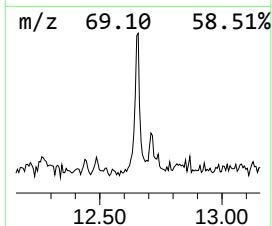
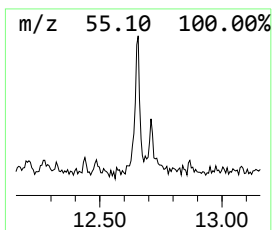
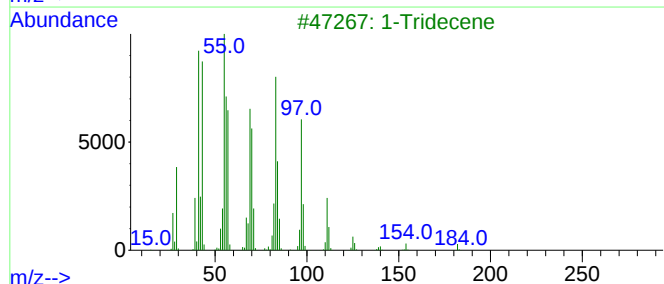
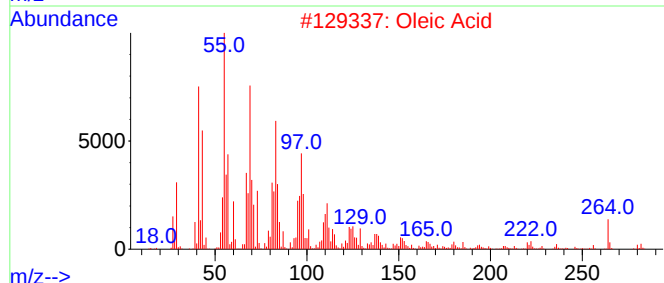
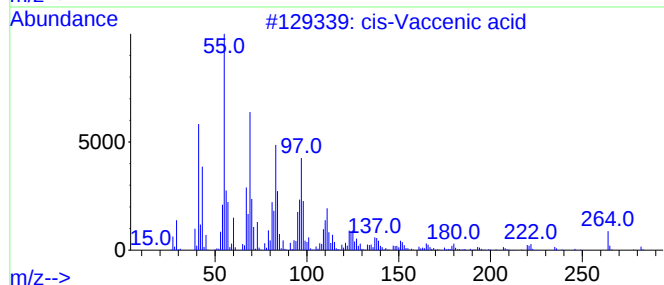
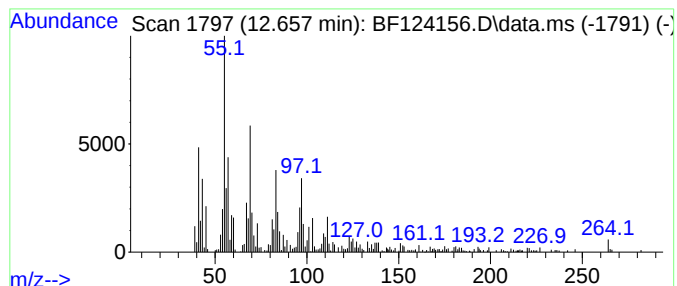
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 cis-Vaccenic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	24.37 ng	655456	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
2			Oleic Acid	282	C18H34O2	000112-80-1	90
3			1-Tridecene	182	C13H26	002437-56-1	83
4			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	78
5			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124156.D
Acq On : 7 Jun 2021 14:35
Operator : JU/CG
Sample : M2583-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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...	2.128	34.0	ng	1520500	1	6.863	893517	20.0
2-Propanol, 1-b...	6.204	21.0	ng	938008	1	6.863	893517	20.0
unknown7.487	7.487	51.5	ng	2298480	1	6.863	893517	20.0
1-Hexene, 3,3-d...	7.686	32.7	ng	3261710	2	8.151	1997460	20.0
.alpha.-Terpineol	8.210	34.1	ng	3406680	2	8.151	1997460	20.0
2-Propanol, 1-(...	8.457	294.6	ng	29426100	2	8.151	1997460	20.0
n-Propyl t-buty...	8.486	85.4	ng	8527910	2	8.151	1997460	20.0
unknown8.857	8.857	59.2	ng	5915830	2	8.151	1997460	20.0
unknown8.957	8.957	37.4	ng	3733370	2	8.151	1997460	20.0
unknown9.039	9.039	41.0	ng	1583500	3	9.910	773102	20.0
unknown9.098	9.098	77.8	ng	3006460	3	9.910	773102	20.0
Octanoic acid	9.304	164.1	ng	6342660	3	9.910	773102	20.0
Undecanoic acid	9.733	74.2	ng	2868510	3	9.910	773102	20.0
Dodecanoic acid	10.175	21.2	ng	820485	3	9.910	773102	20.0
Tetradecanoic acid	11.098	54.8	ng	1472360	4	11.398	537817	20.0
unknown11.463	11.463	55.8	ng	1501550	4	11.398	537817	20.0
unknown11.751	11.751	20.2	ng	542244	4	11.398	537817	20.0
Palmitoleic acid	11.869	22.7	ng	610693	4	11.398	537817	20.0
n-Hexadecanoic ...	11.951	67.3	ng	1809260	4	11.398	537817	20.0
cis-Vaccenic acid	12.657	24.4	ng	655456	4	11.398	537817	20.0