

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091420\
 Data File : BF121559.D
 Acq On : 14 Sep 2020 14:29
 Operator : JU/CG
 Sample : L3977-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	207	218	228	rVV	2152093	4713926	3.00%	0.758%
2	5.981	622	662	663	rBV2	8010563	89595376	56.99%	14.405%
3	6.681	778	781	784	rVV	1968631	1695468	1.08%	0.273%
4	6.745	785	792	795	rVV	1991425	3119848	1.98%	0.502%
5	7.028	832	840	842	rVV	6487303	7231969	4.60%	1.163%
6	7.063	842	846	859	rVB2	3554027	5749094	3.66%	0.924%
7	7.369	890	898	901	rBV	3182588	2976464	1.89%	0.479%
8	7.469	901	915	918	rBV	2340154	3408524	2.17%	0.548%
9	7.610	920	939	940	rBV	1173647	3988583	2.54%	0.641%
10	8.045	1010	1013	1017	rBV	2592474	3718646	2.37%	0.598%
11	8.139	1027	1029	1067	rVB4	3554917	11679757	7.43%	1.878%
12	9.069	1177	1187	1189	rBV3	1000546	2791805	1.78%	0.449%
13	9.186	1202	1207	1213	rBV	2888634	5548528	3.53%	0.892%
14	9.645	1265	1285	1293	rBV	5935379	23502398	14.95%	3.779%
15	9.751	1293	1303	1310	rVB2	9728929	32046126	20.38%	5.152%
16	9.874	1310	1324	1331	rBV2	3827912	10784927	6.86%	1.734%
17	10.098	1349	1362	1364	rBV2	4330211	11150782	7.09%	1.793%
18	11.086	1485	1530	1531	rBV3	14849467	157216810	100.00%	25.277%
19	11.274	1560	1562	1566	rVB2	6358548	7531446	4.79%	1.211%
20	11.327	1566	1571	1572	rBV2	2635412	4151368	2.64%	0.667%
21	11.474	1594	1596	1606	rVB2	1595233	2598984	1.65%	0.418%
22	12.033	1665	1691	1694	rBV4	8436964	50032286	31.82%	8.044%
23	12.151	1706	1711	1716	rVB3	1912812	2258157	1.44%	0.363%
24	12.245	1724	1727	1731	rVB	5292673	4841891	3.08%	0.778%
25	12.363	1741	1747	1751	rBV4	990987	1987534	1.26%	0.320%
26	12.451	1757	1762	1767	rVV	4201520	6445534	4.10%	1.036%
27	12.627	1784	1792	1795	rVV2	5028070	10991577	6.99%	1.767%
28	12.663	1795	1798	1800	rVV2	3906098	5399386	3.43%	0.868%
29	12.698	1801	1804	1808	rVV2	4534693	6412465	4.08%	1.031%
30	12.886	1832	1836	1842	rVV	6485892	7490100	4.76%	1.204%
31	12.945	1842	1846	1849	rVV	4287424	4435694	2.82%	0.713%
32	13.257	1893	1899	1901	rBV	6515774	7891843	5.02%	1.269%
33	13.280	1901	1903	1907	rVB	2118147	1961208	1.25%	0.315%
34	13.510	1935	1942	1946	rVB	2580162	2792848	1.78%	0.449%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.610	1955	1959	1964	rVV	6474309	7411128	4.71%	1.192%
36	13.845	1994	1999	2002	rBV	5026496	4925376	3.13%	0.792%
37	13.921	2006	2012	2014	rBV	1443617	2324313	1.48%	0.374%
38	13.951	2014	2017	2020	rVV	6009918	6127864	3.90%	0.985%
39	14.227	2060	2064	2067	rBV2	1617724	1705591	1.08%	0.274%
40	14.427	2095	2098	2101	rVV	2730342	3687059	2.35%	0.593%
41	14.468	2101	2105	2108	rVV	3973752	4627341	2.94%	0.744%
42	14.539	2108	2117	2121	rVB3	8798892	19857079	12.63%	3.193%
43	14.615	2126	2130	2136	rVB2	1392123	2484115	1.58%	0.399%
44	14.874	2170	2174	2181	rVB	1668973	2109628	1.34%	0.339%
45	15.115	2209	2215	2216	rBV3	1265703	2131990	1.36%	0.343%
46	15.168	2221	2224	2229	rVV	1737063	2883370	1.83%	0.464%
47	15.551	2282	2289	2299	rVB	2885470	7302805	4.65%	1.174%
48	15.998	2358	2365	2383	rVB2	2438889	5458871	3.47%	0.878%
49	16.351	2417	2425	2433	rVB	5587163	11763769	7.48%	1.891%
50	16.998	2524	2535	2548	rBV	3498104	12355100	7.86%	1.986%
51	17.580	2625	2634	2661	rVB	3506157	11328081	7.21%	1.821%
52	18.115	2715	2725	2737	rBV	1485492	5344746	3.40%	0.859%

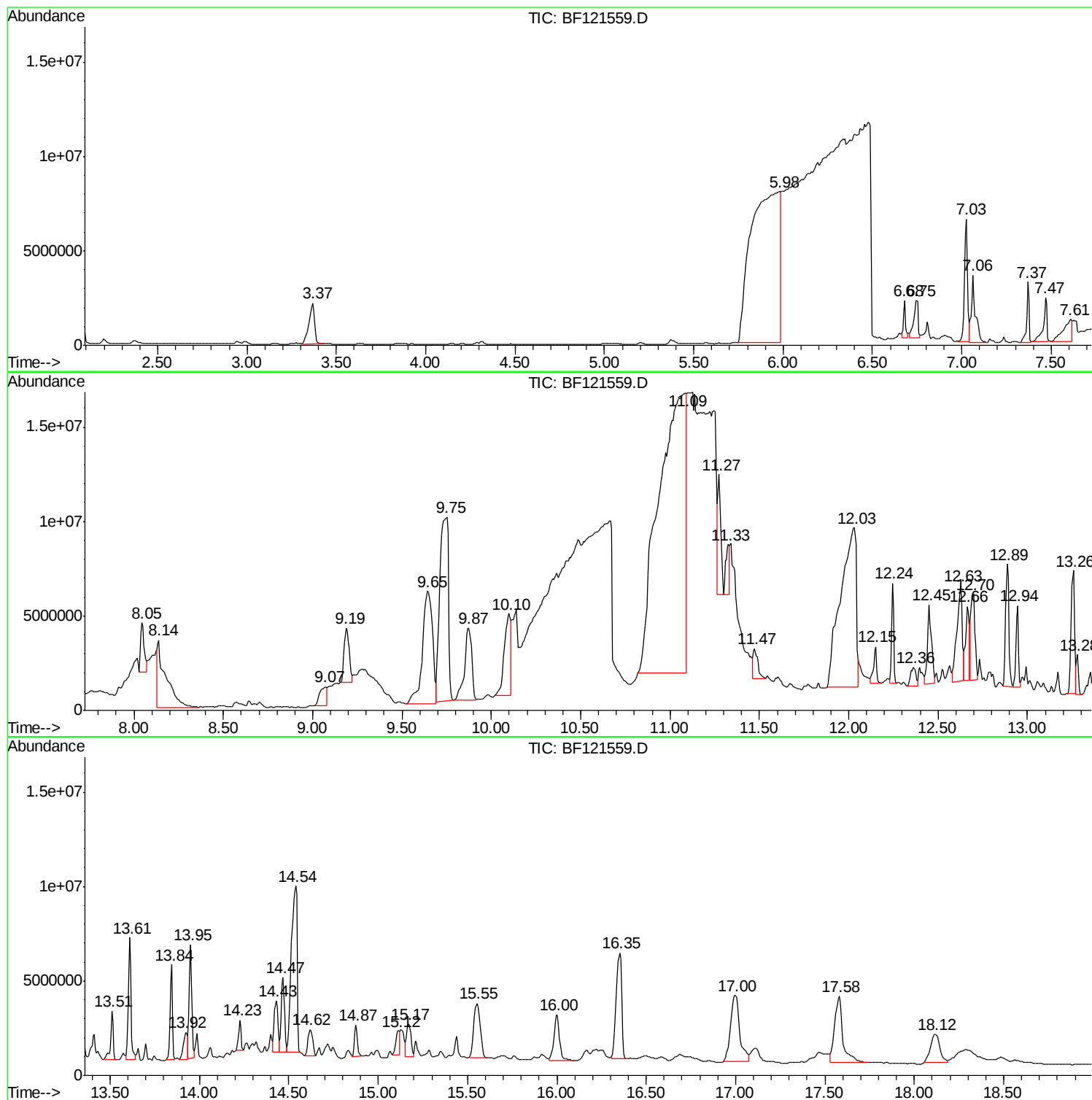
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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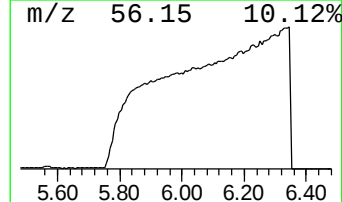
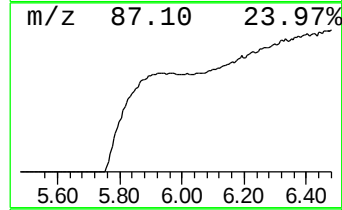
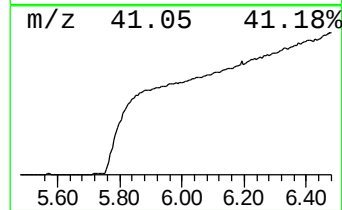
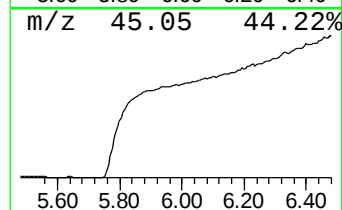
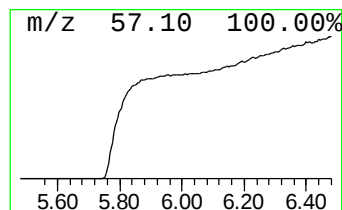
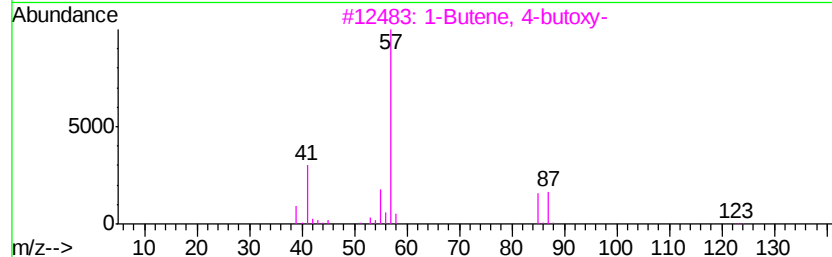
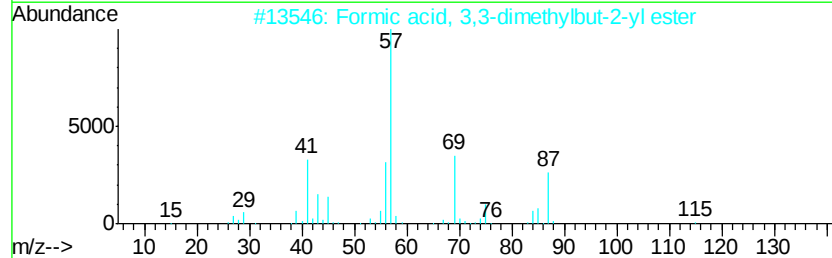
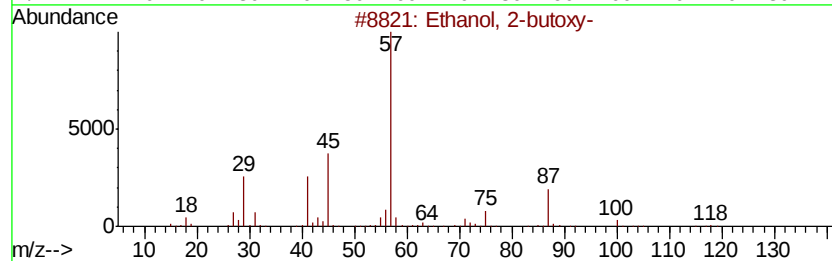
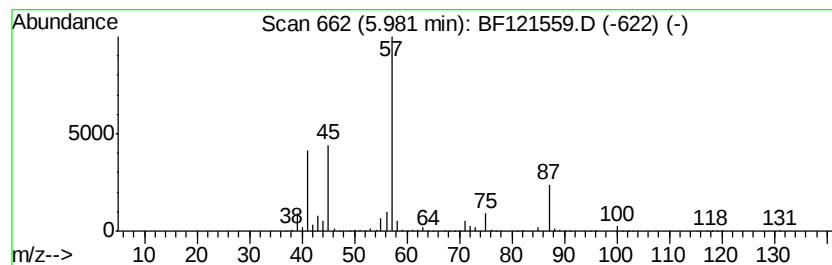
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	247.78 ng	89595400	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Formic acid, 3,3-dimethylbut-2-yl ester	130	C7H14O2	1000368-20-5	50
3		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	32
4		Propane, 1-(chloromethoxy)-2-methyl-	122	C5H11ClO	034180-11-5	27
5		n-Butyl ether	130	C8H18O	000142-96-1	25



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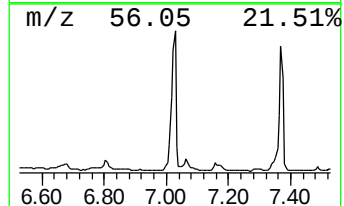
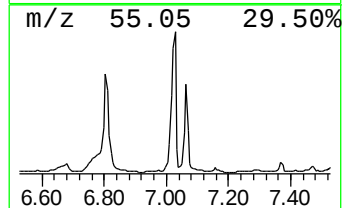
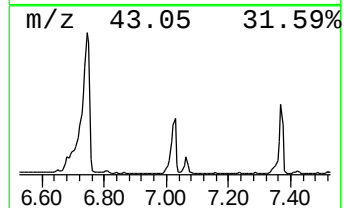
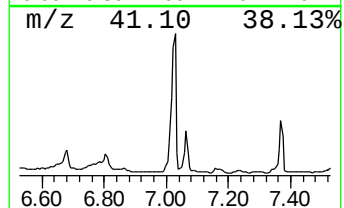
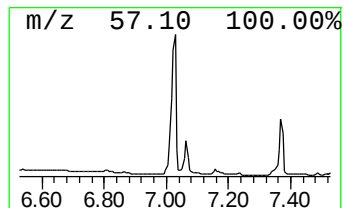
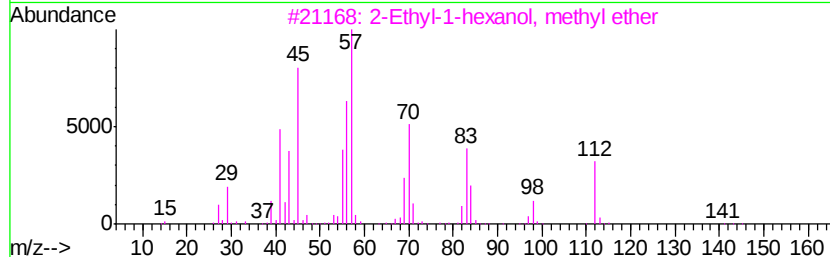
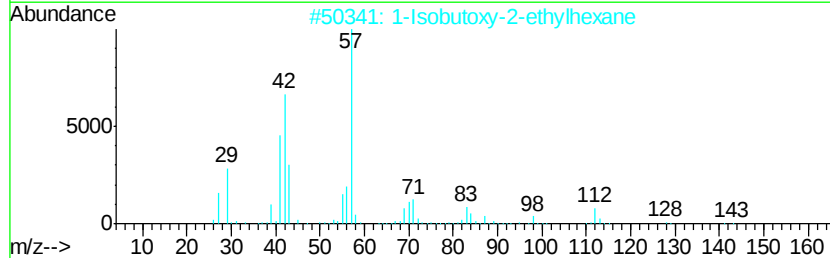
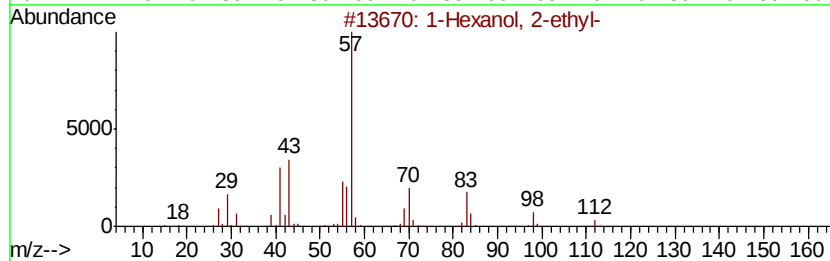
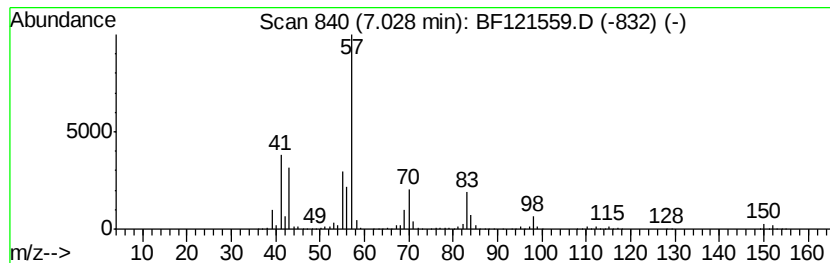
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	20.00 ng	7231970	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	78
3		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	50
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



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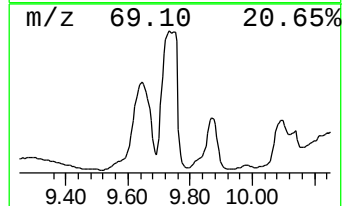
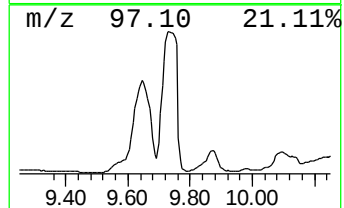
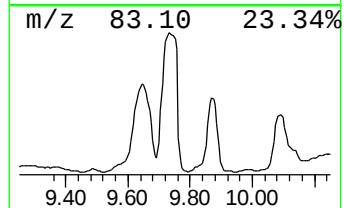
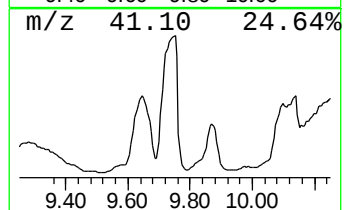
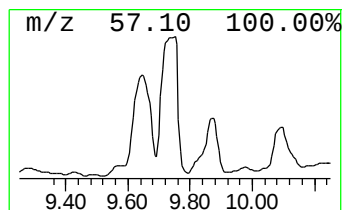
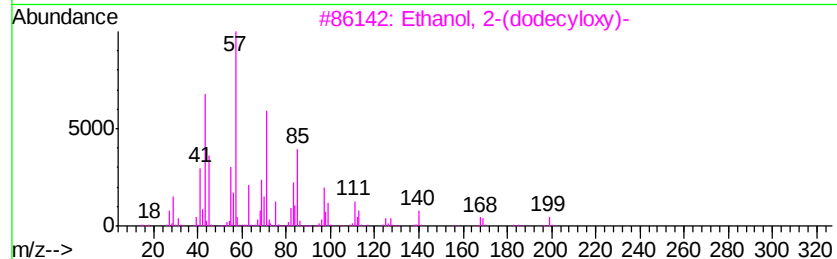
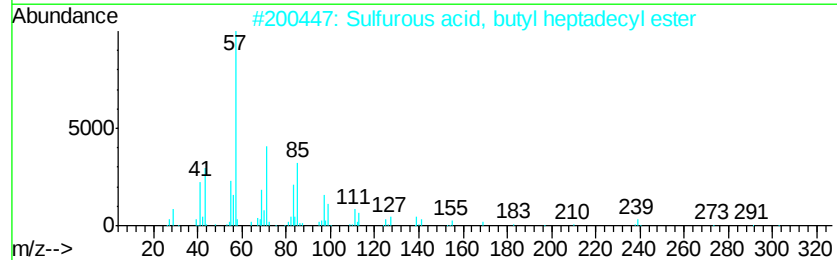
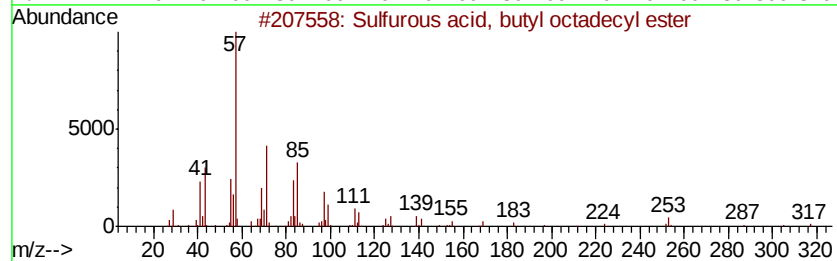
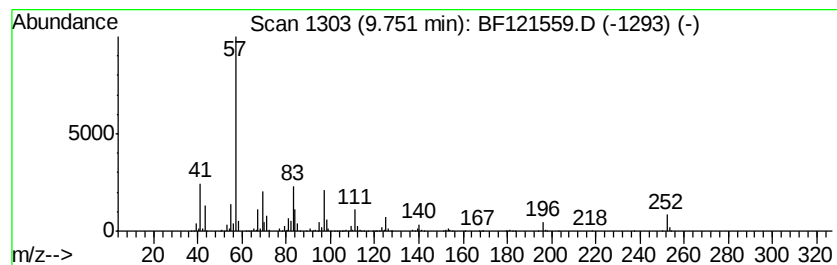
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, butyl octadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	59.43 ng	32046100	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	56
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50
3		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	50
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	50
5		1-Octadecene	252	C18H36	000112-88-9	43



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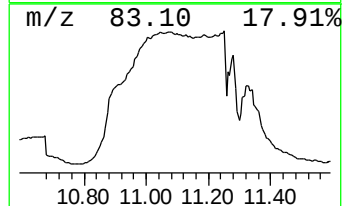
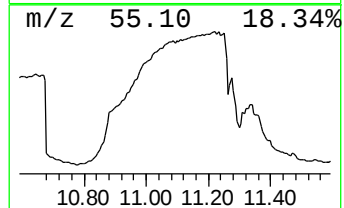
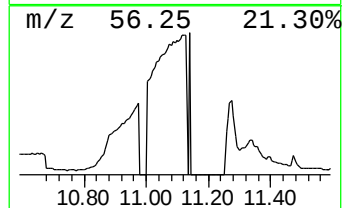
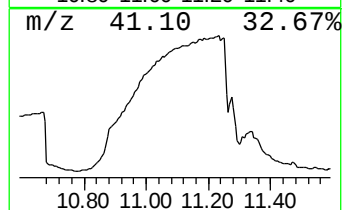
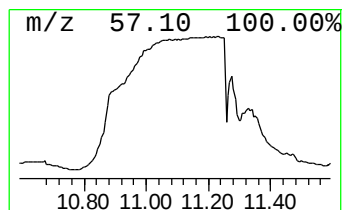
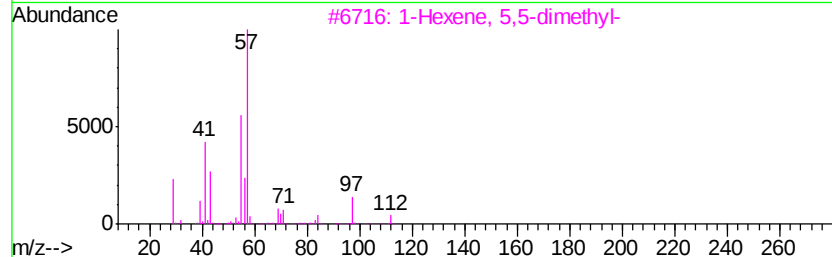
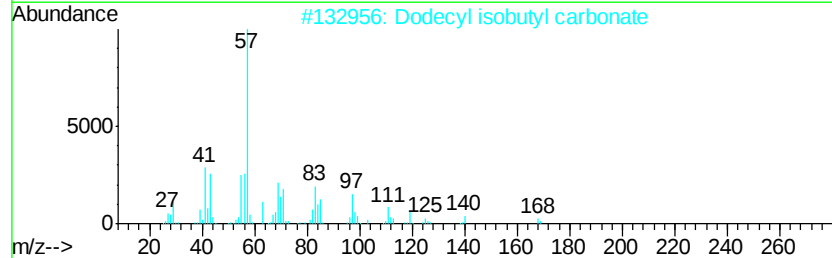
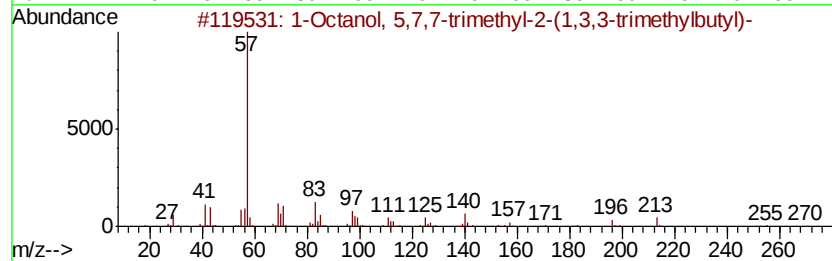
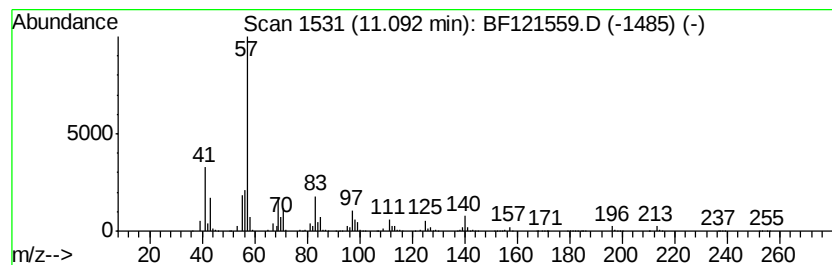
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.09	1209.83 ng	157217000	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	53
3	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	49
4	Octane, 3-methyl-	128	C9H20	002216-33-3	47
5	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	47



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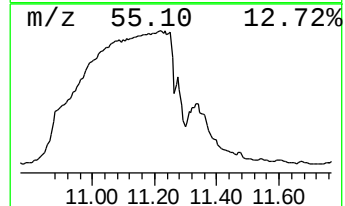
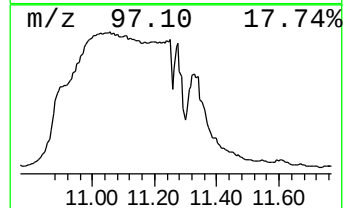
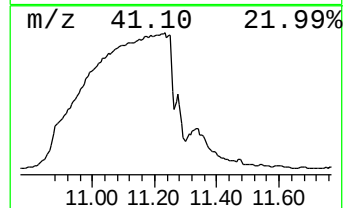
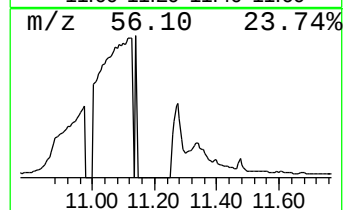
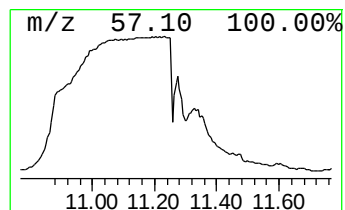
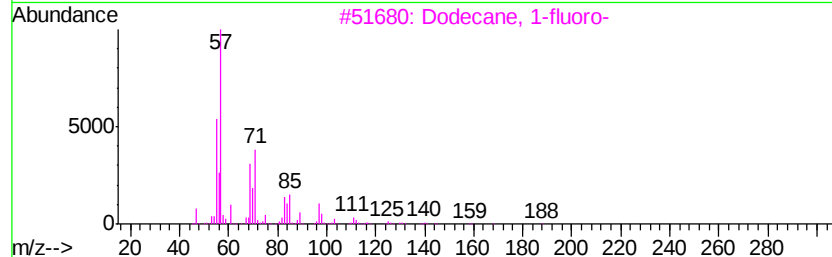
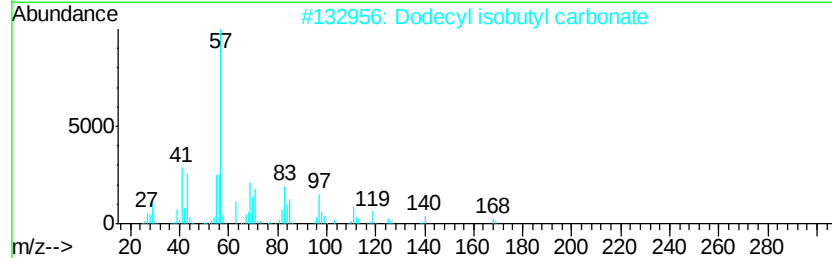
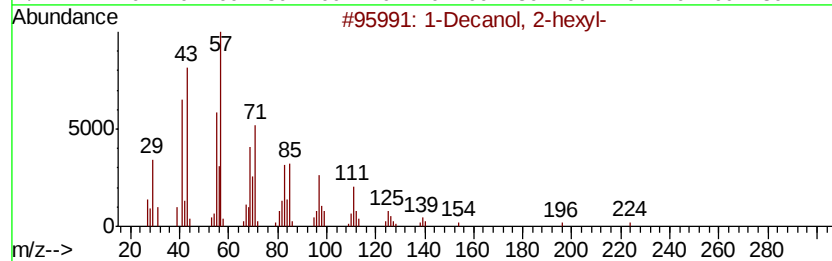
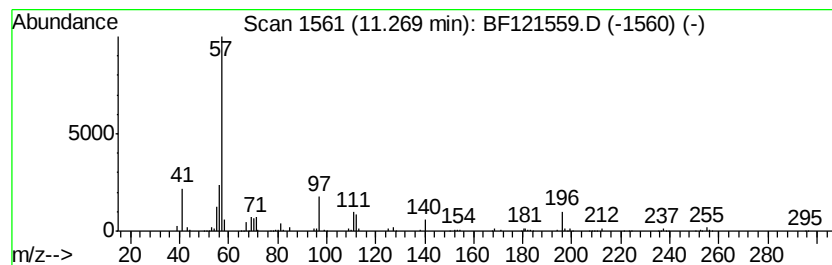
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	57.96 ng	7531450	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
2		Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	50
3		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	50
4		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	49
5		Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

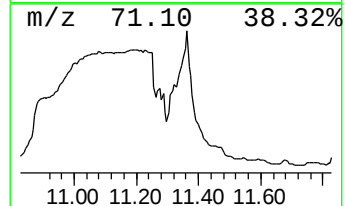
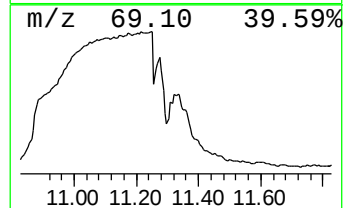
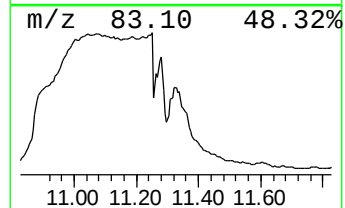
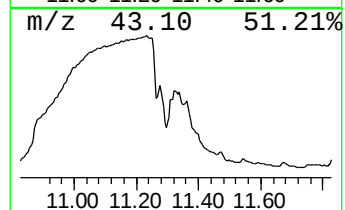
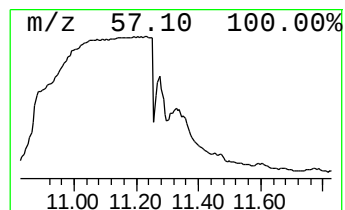
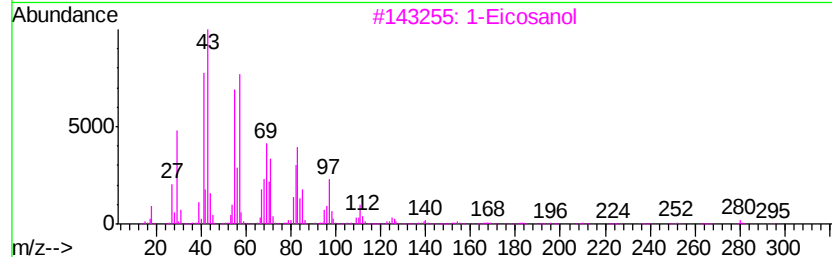
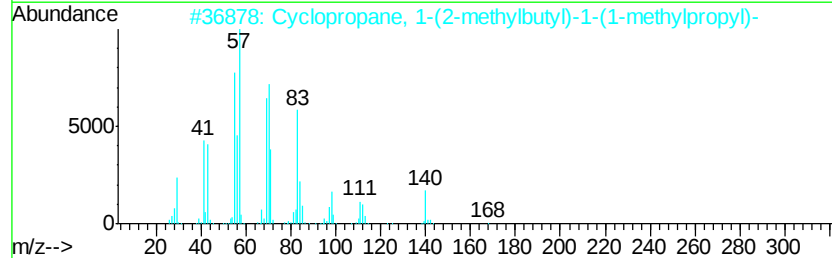
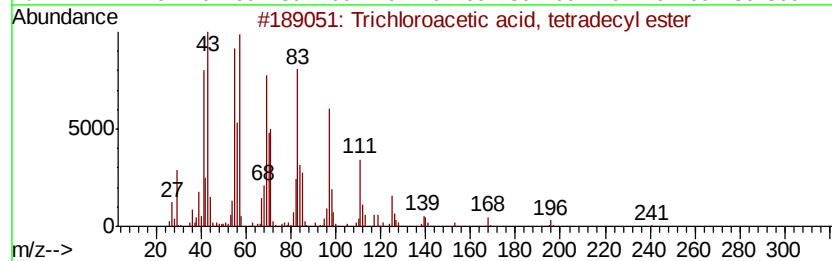
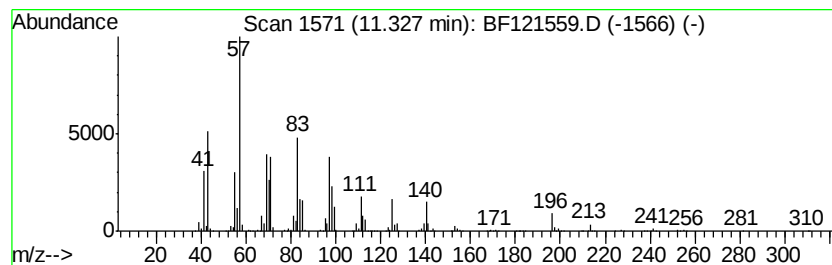
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Trichloroacetic acid, tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	31.95 ng	4151370	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	72
2		Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	64
3		1-Eicosanol	298	C20H42O	000629-96-9	53
4		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	53
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
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Sample : L3977-01
Misc :
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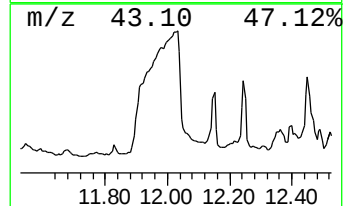
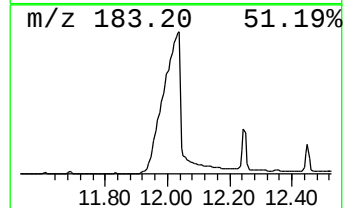
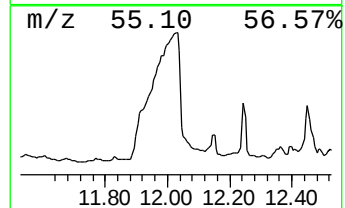
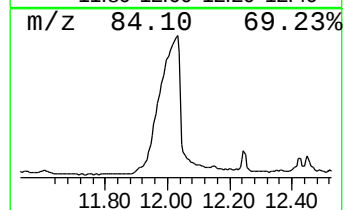
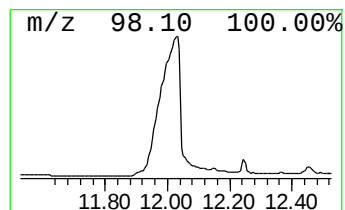
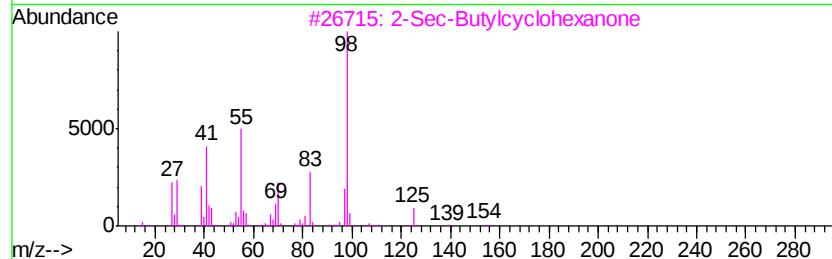
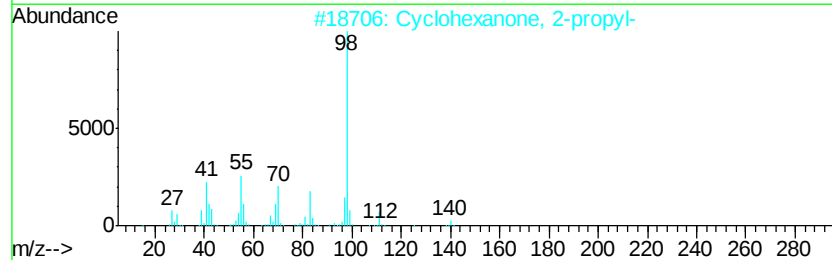
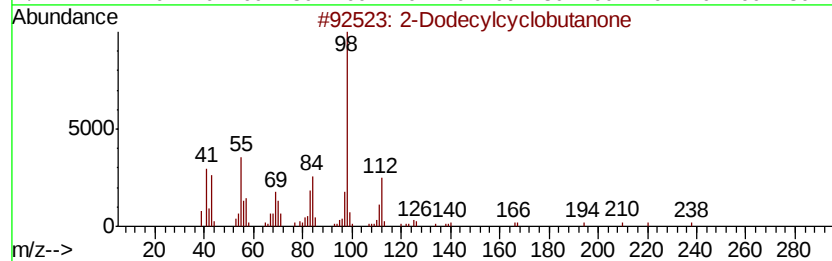
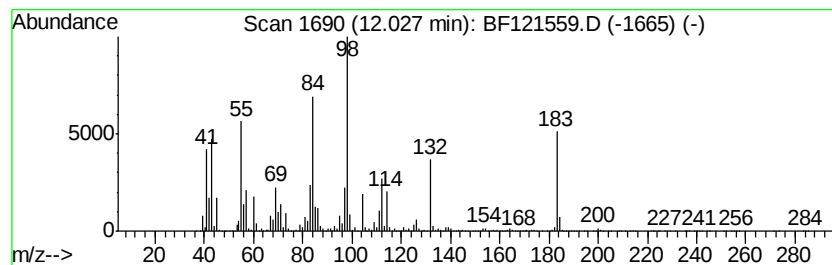
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	385.01 ng	50032300	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	43
2	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	25
3	2-Sec-Butylcyclohexanone	154	C10H18O	1000342-30-8	25
4	3H-Pyrazol-3-one, 1,2-dihydro-5-...	98	C4H6N2O	004344-87-0	22
5	Propan-2-ol, 1-[1-(2,3-dihydrobe...	321	C18H27NO4	1000294-01-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
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Sample : L3977-01
Misc :
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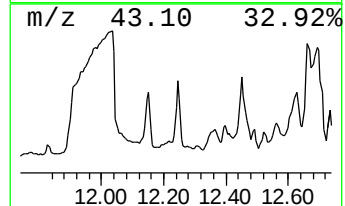
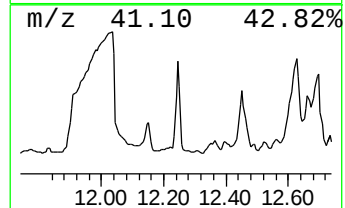
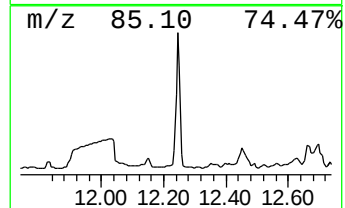
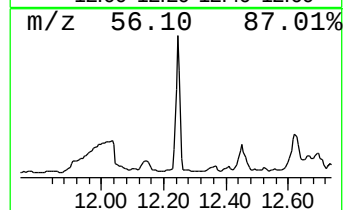
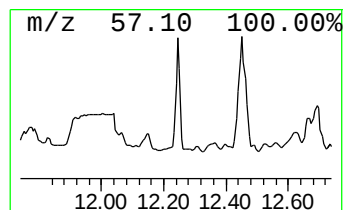
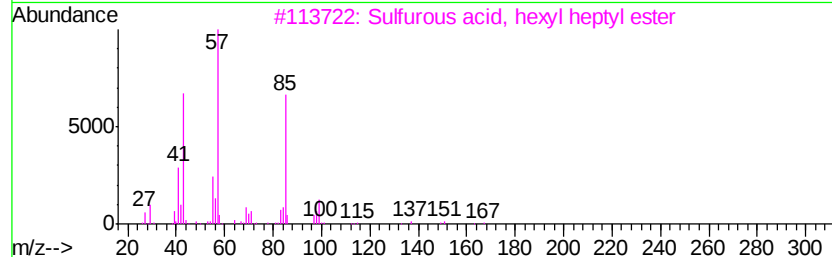
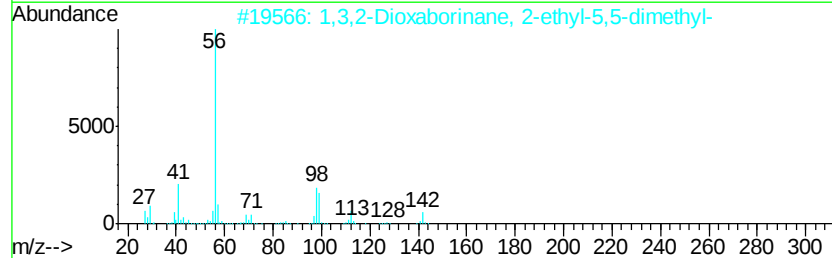
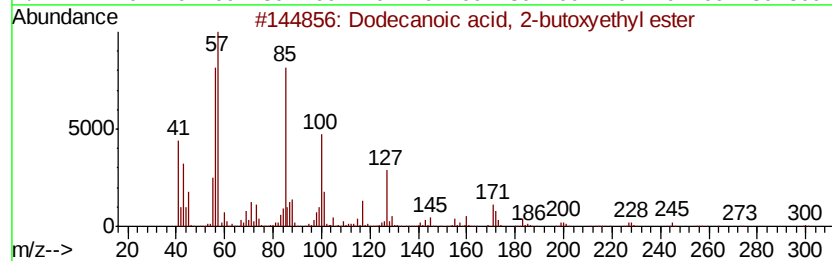
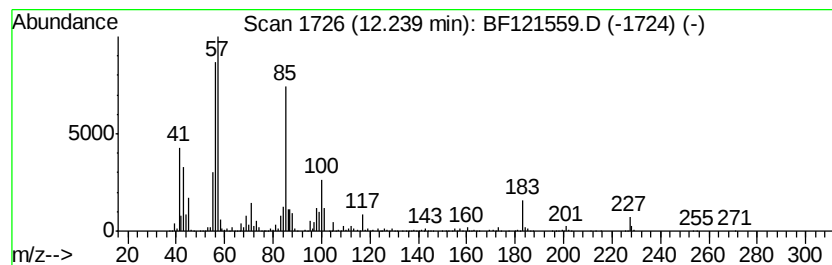
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecanoic acid, 2-butoxyet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	37.26 ng	4841890	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid, 2-butoxyethyl e...	300 C18H36O3	000109-37-5	72
2	1,3,2-Dioxaborinane, 2-ethyl-5,5...	142 C7H15B02	057186-59-1	27
3	Sulfurous acid, hexyl heptyl ester	264 C13H28O3S	1000309-12-9	27
4	trans-1-Methoxy-3-methyl-1-butene	100 C6H12O	1000139-44-0	27
5	Hexan-2-yl isobutyl carbonate	202 C11H22O3	1000372-75-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
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Instrument :
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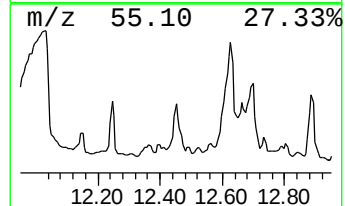
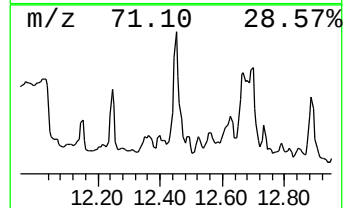
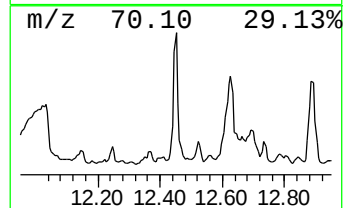
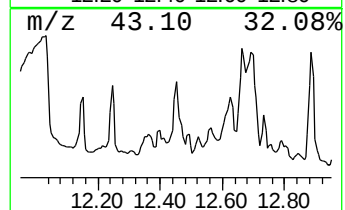
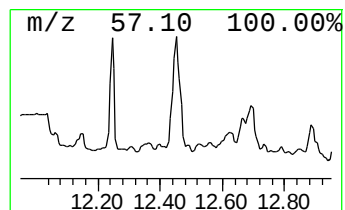
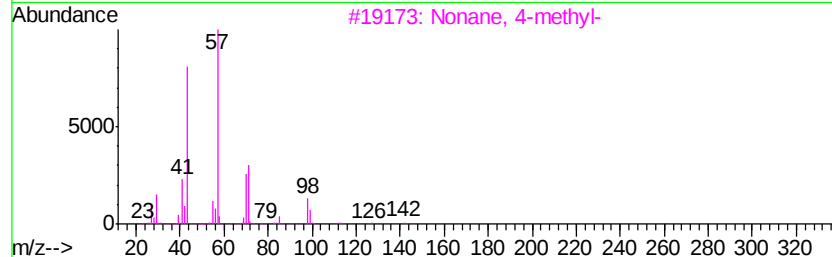
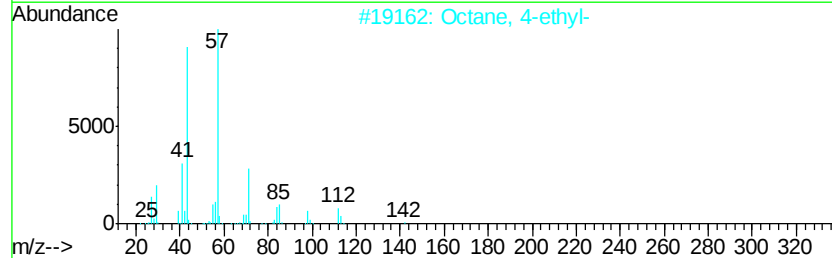
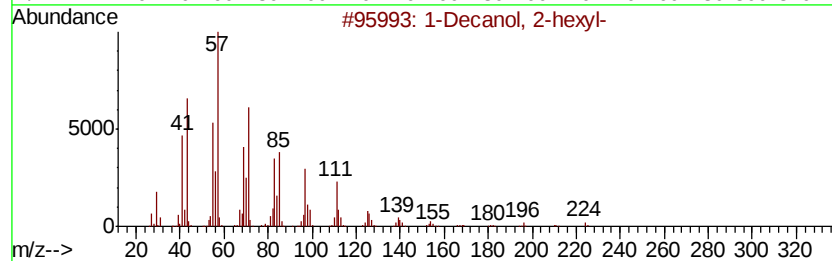
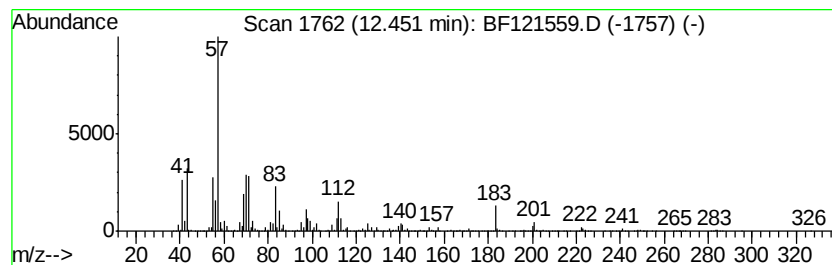
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	49.60 ng	6445530	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	43
2	Octane, 4-ethyl-		142	C10H22	015869-86-0	43
3	Nonane, 4-methyl-		142	C10H22	017301-94-9	38
4	Tridecane, 5-propyl-		226	C16H34	055045-11-9	38
5	Cyclopropane, 1-(2-methylbutyl)-...		168	C12H24	064723-36-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
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Misc :
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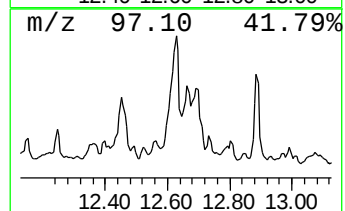
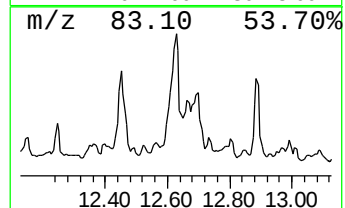
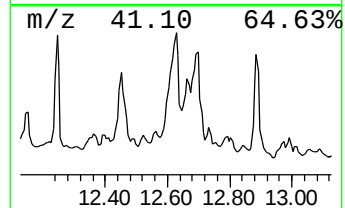
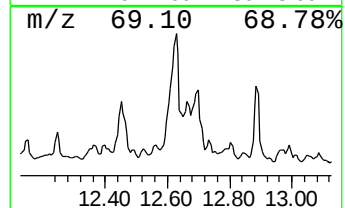
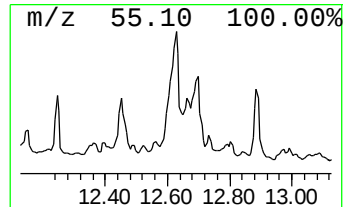
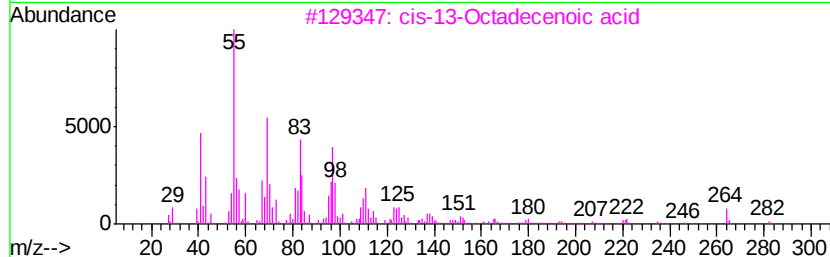
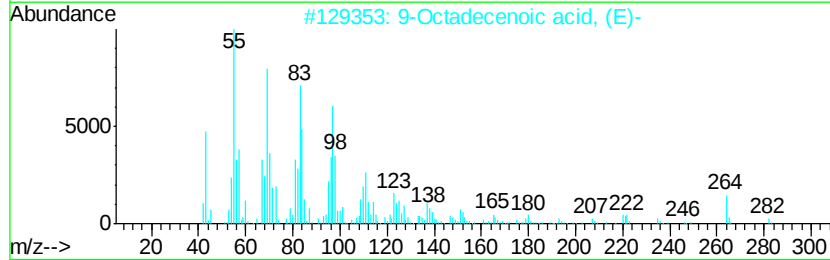
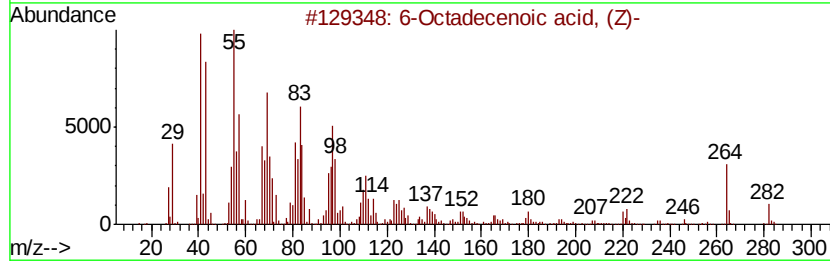
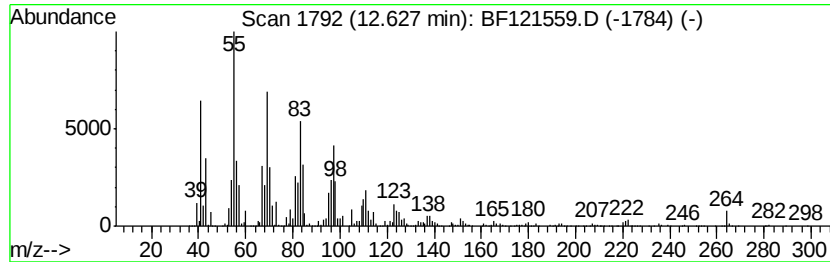
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 6-Octadecenoic acid, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	84.58 ng	10991600	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	99
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
4		Oleic Acid	282	C18H34O2	000112-80-1	91
5		cis-Vaccenic acid	282	C18H34O2	000506-17-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
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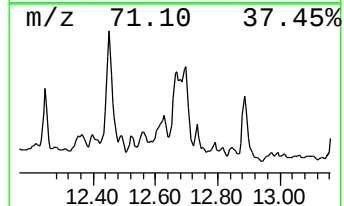
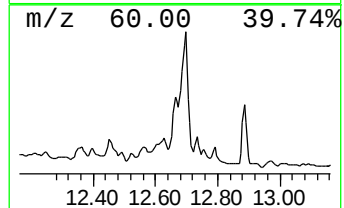
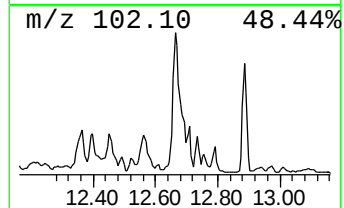
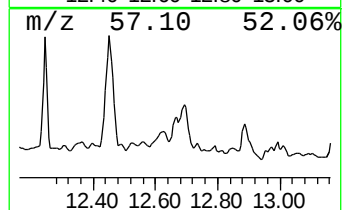
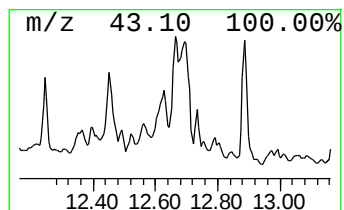
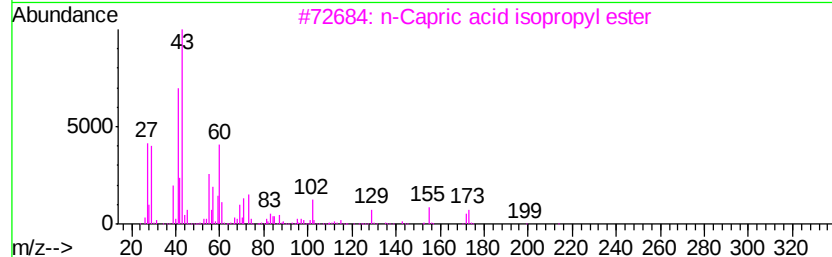
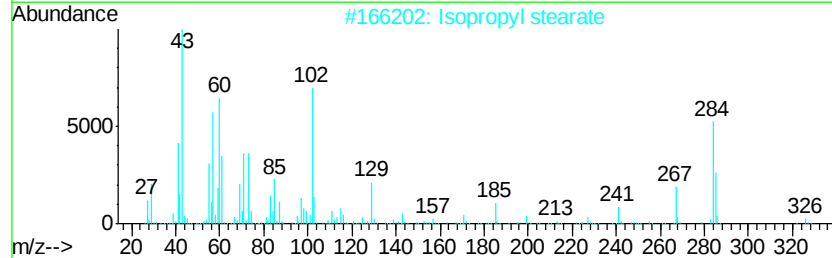
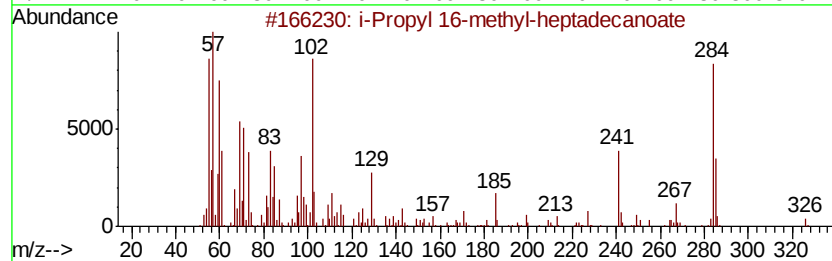
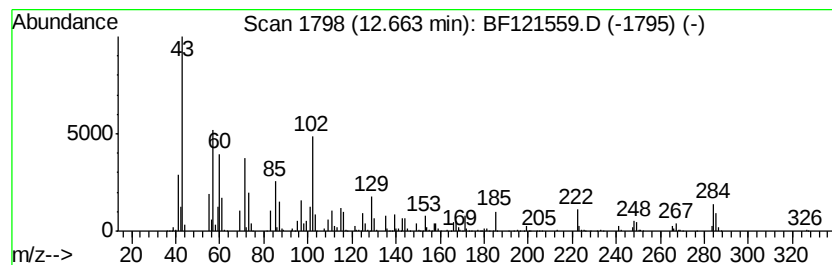
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 i-Propyl 16-methyl-heptadec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	41.55 ng	5399390	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	64
2			Isopropyl stearate	326	C21H42O2	000112-10-7	47
3			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	35
4			Octadecanoic acid	284	C18H36O2	000057-11-4	27
5			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
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Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

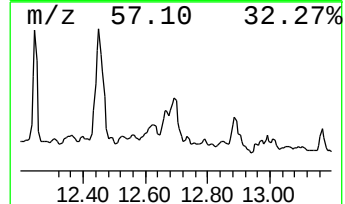
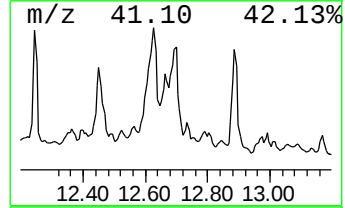
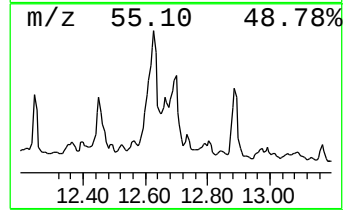
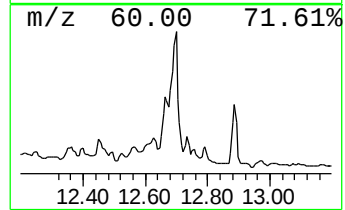
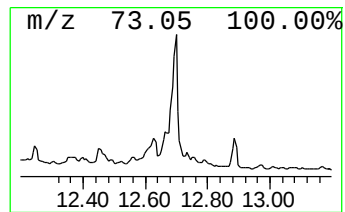
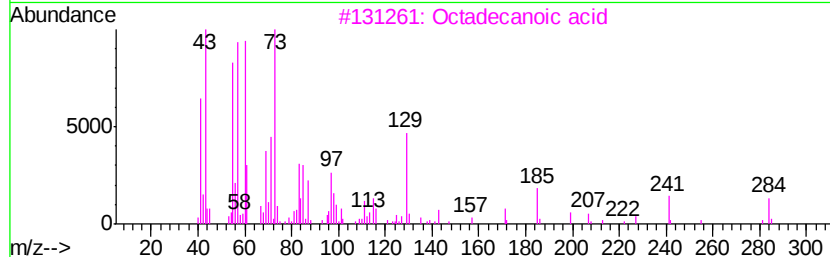
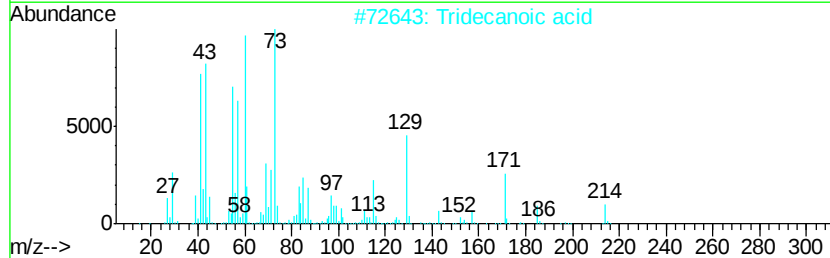
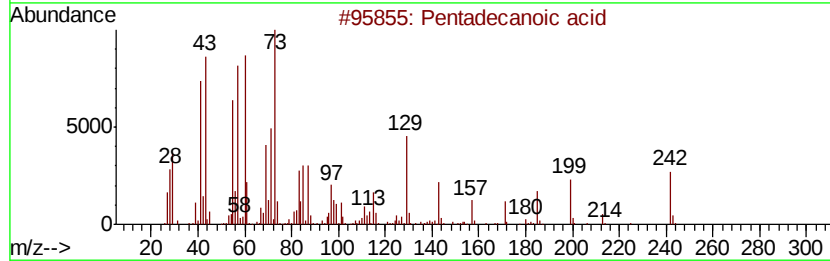
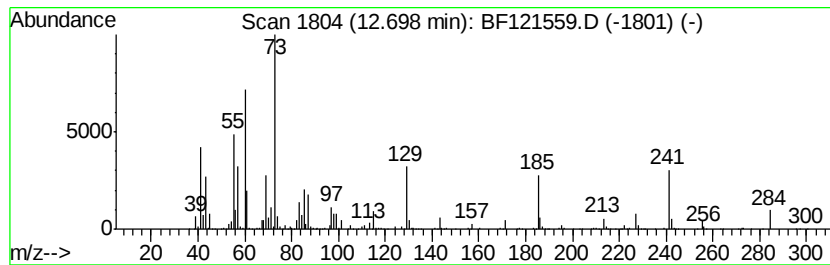
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	49.35 ng	6412470	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		Octadecanoic acid	284	C18H36O2	000057-11-4	53
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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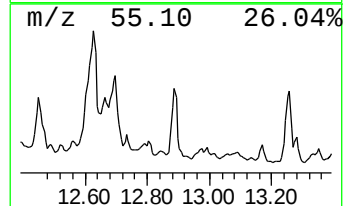
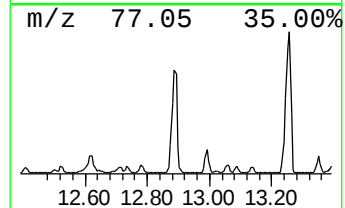
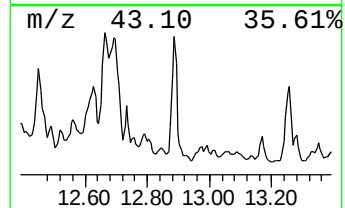
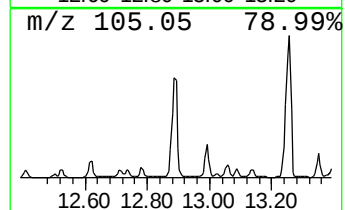
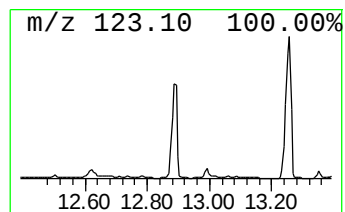
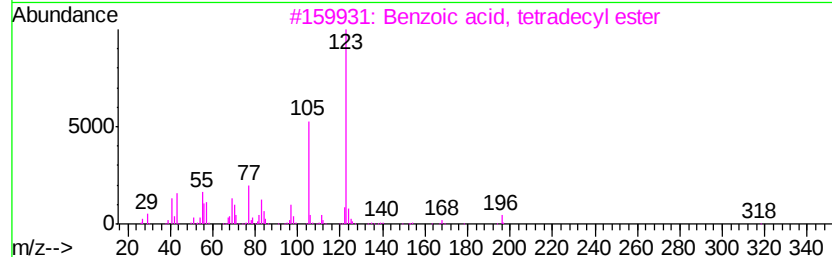
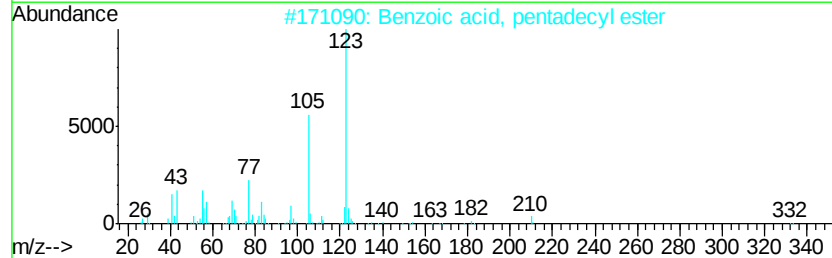
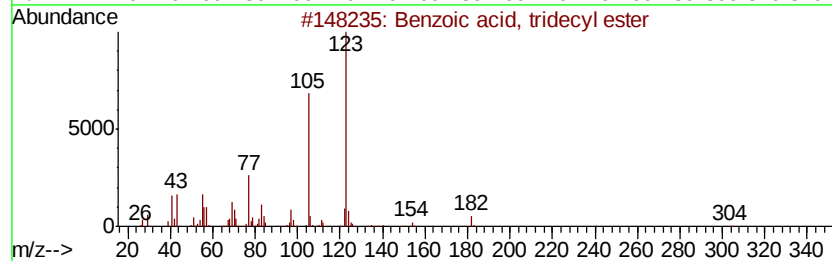
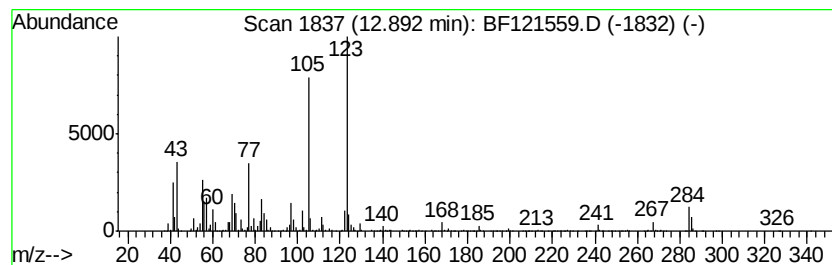
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid, pentadecyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	24.45 ng	7490100	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	74
2		Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	74
3		Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	74
4		Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	68
5		Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121559.D
 Acq On : 14 Sep 2020 14:29
 Operator : JU/CG
 Sample : L3977-01
 Misc :
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Instrument :
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 ClientSampleId :
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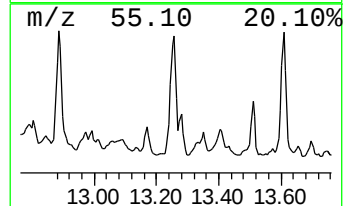
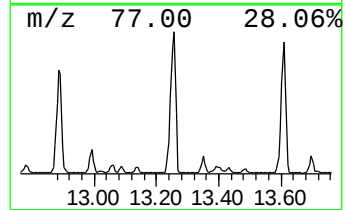
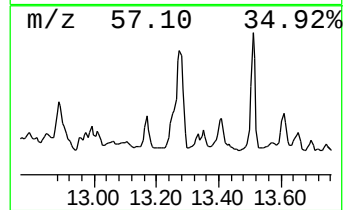
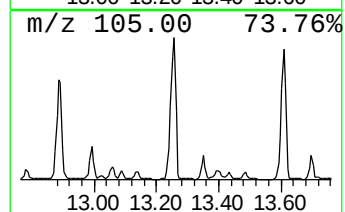
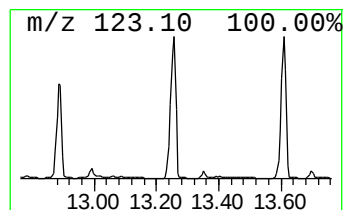
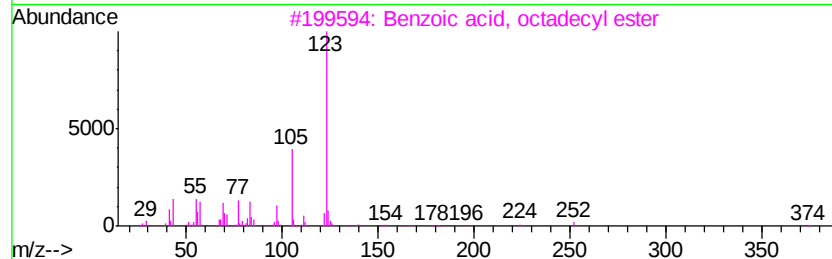
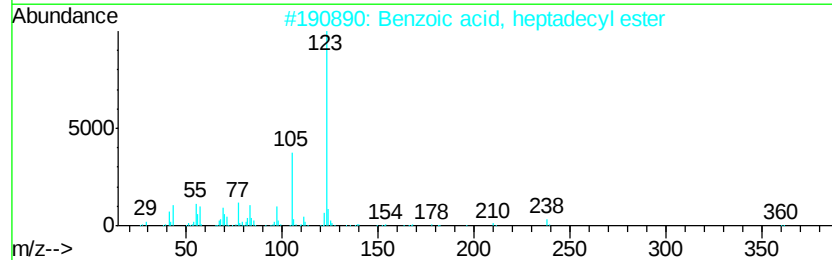
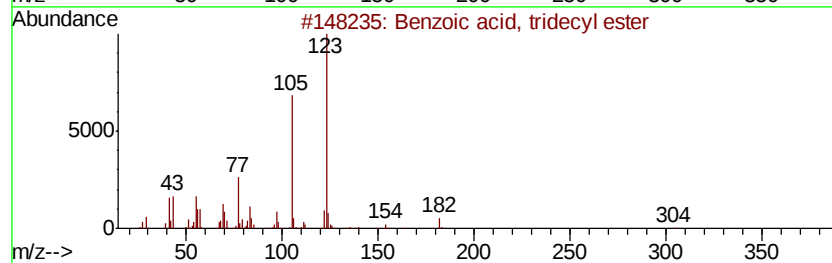
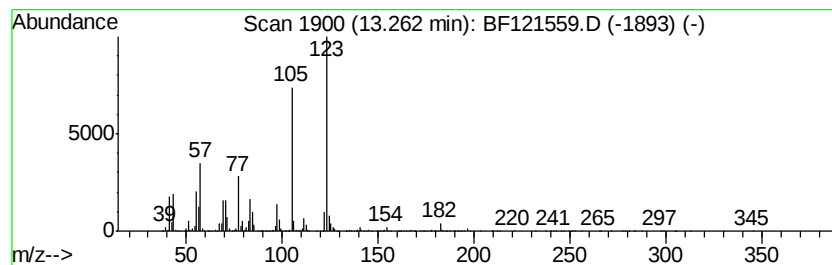
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Benzoic acid, tridecyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	25.76 ng	7891840	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	87
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
4		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	87
5		Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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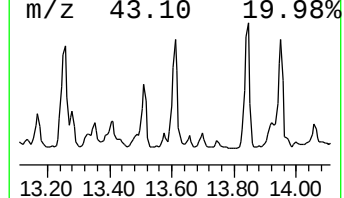
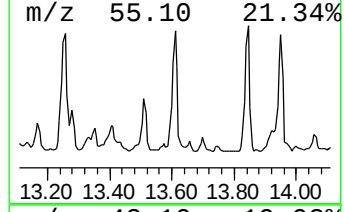
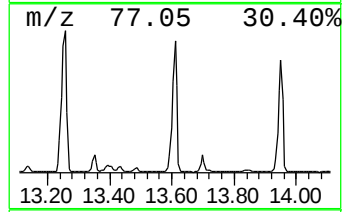
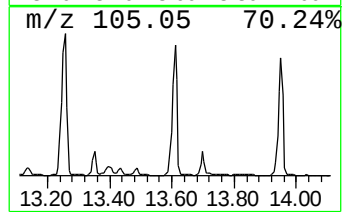
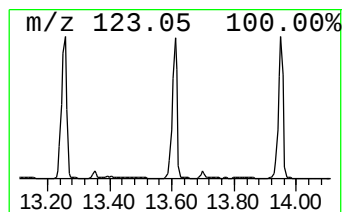
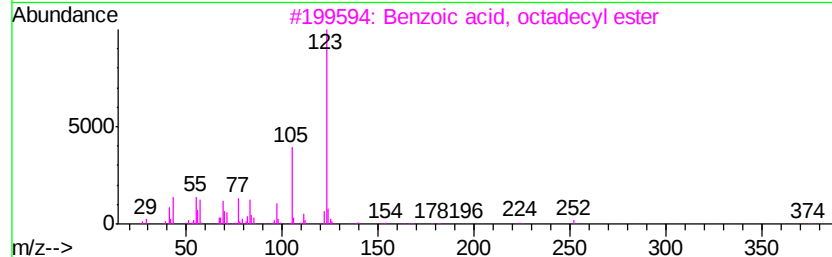
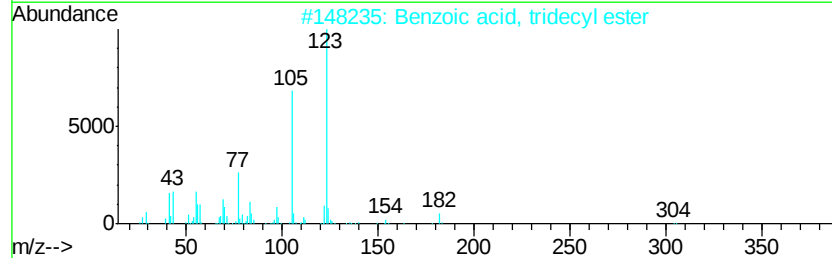
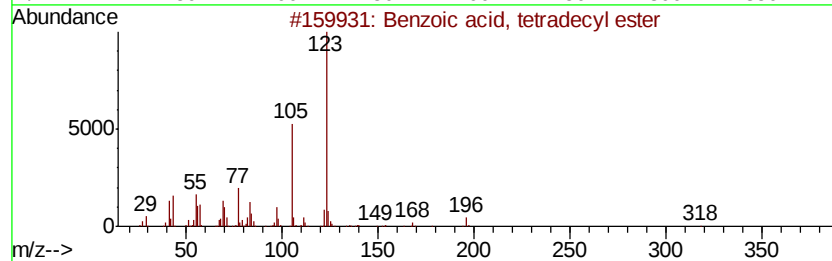
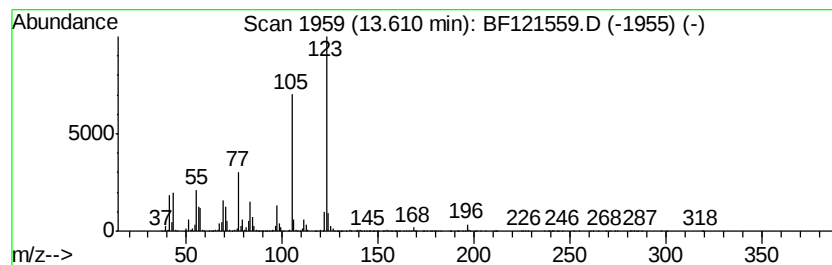
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, tetradecyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	24.19 ng	7411130	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
2		Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
4		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90
5		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
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Sample : L3977-01
Misc :
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Instrument :
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ClientSampleId :
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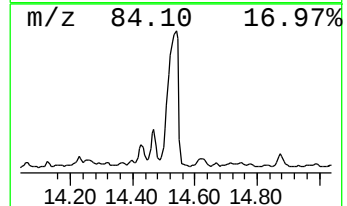
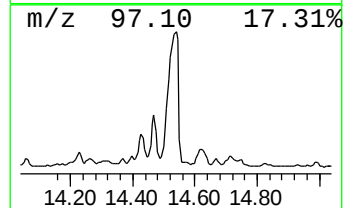
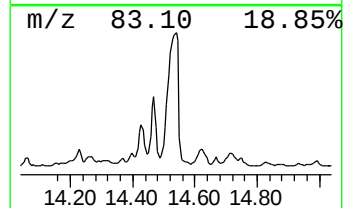
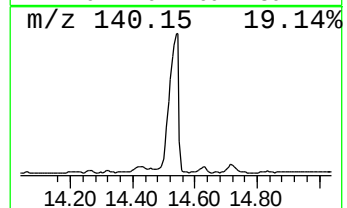
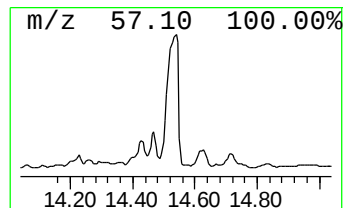
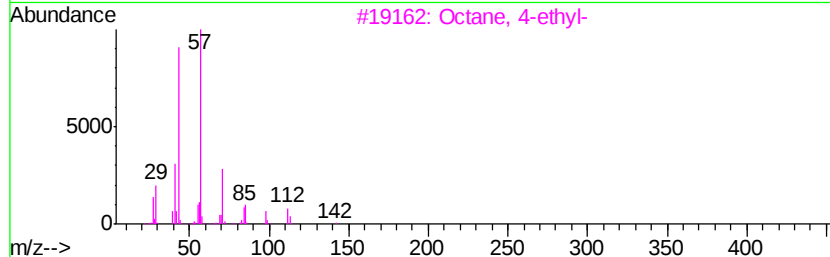
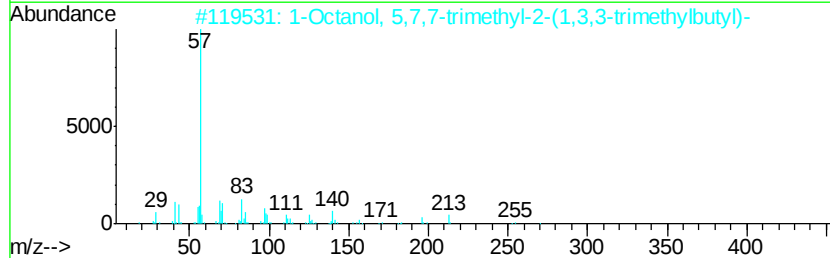
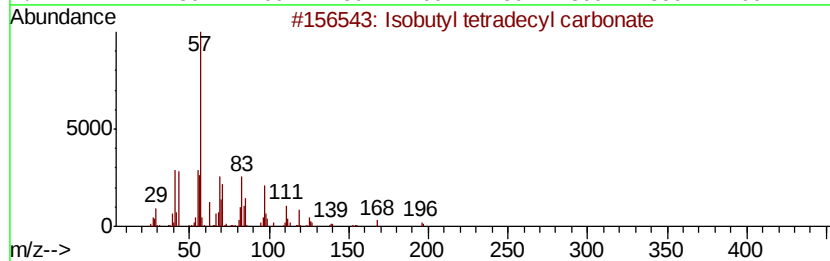
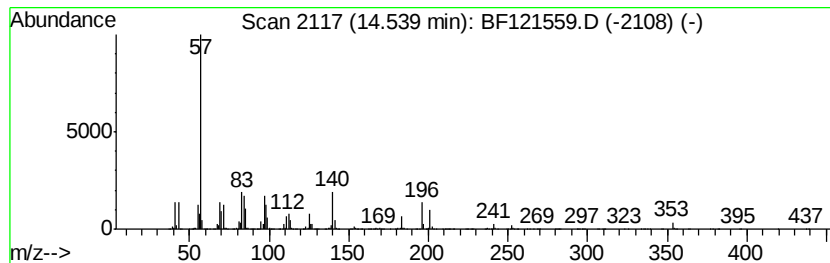
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	64.81 ng	19857100	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	38
2		1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	35
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	35
4		Fumaric acid, 2-decyl hexadecyl ...	480	C30H56O4	1000348-59-7	27
5		Azacyclotridecan-2-one	197	C12H23NO	000947-04-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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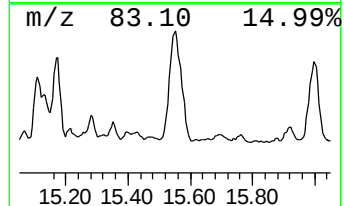
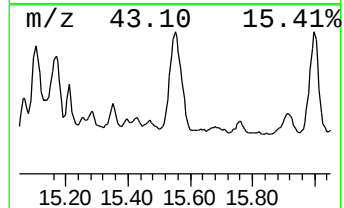
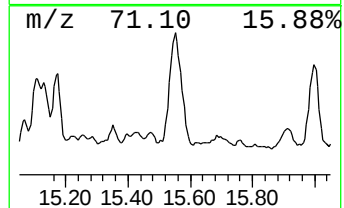
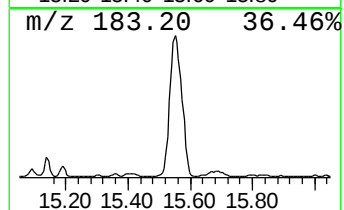
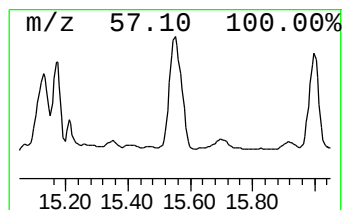
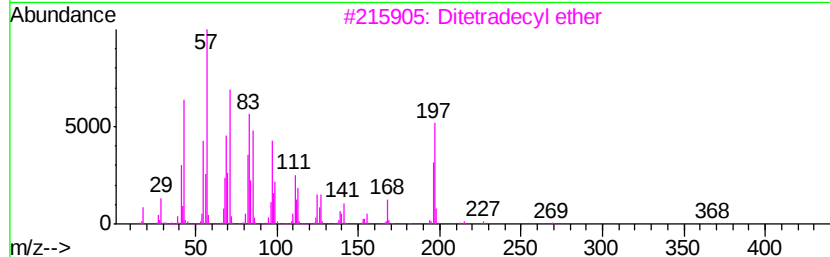
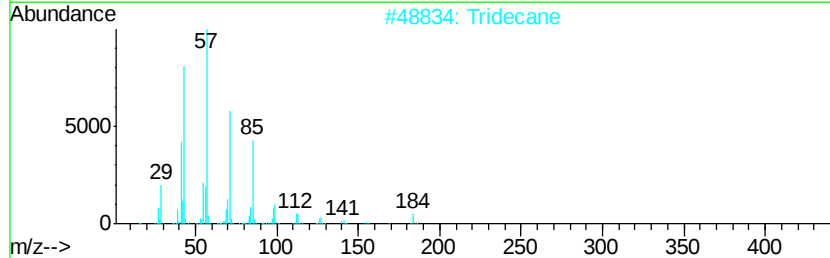
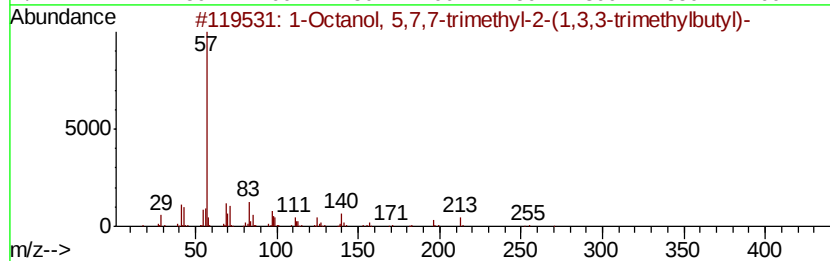
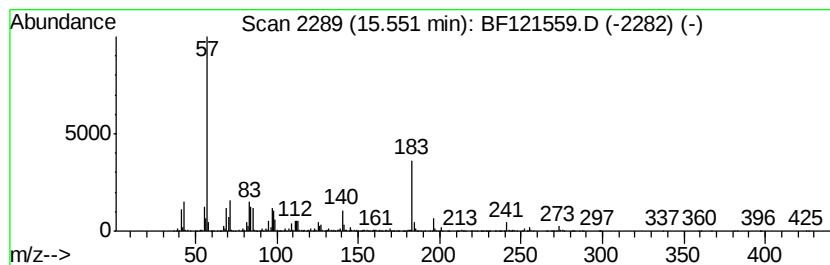
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	20.00 ng	7302810	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	78
2		Tridecane	184	C13H28	000629-50-5	38
3		Ditetradecyl ether	410	C28H58O	005412-98-6	30
4		6,6-Dimethyl-1,3-heptadien-5-ol	140	C9H16O	081912-03-0	27
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
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ALS Vial : 4 Sample Multiplier: 1

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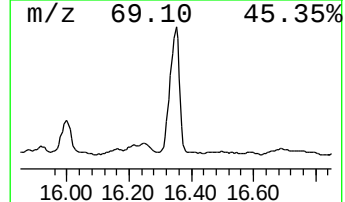
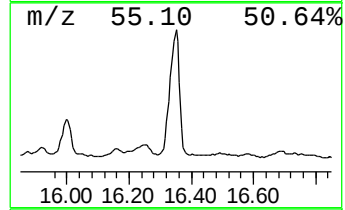
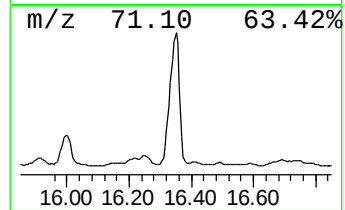
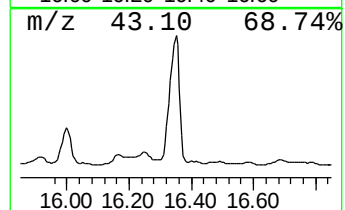
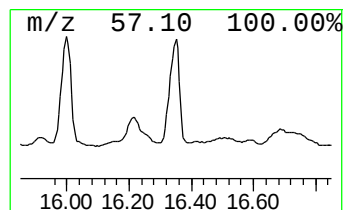
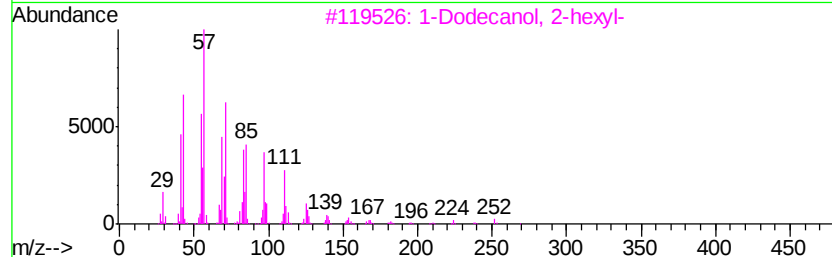
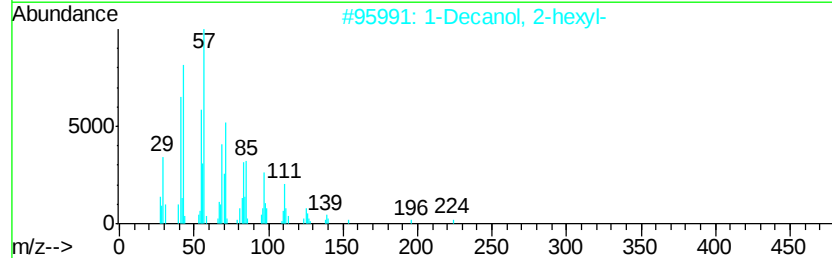
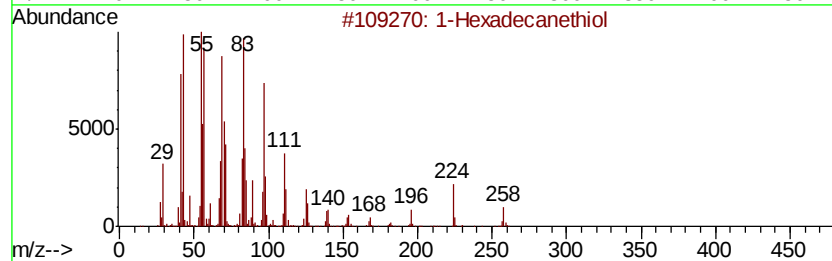
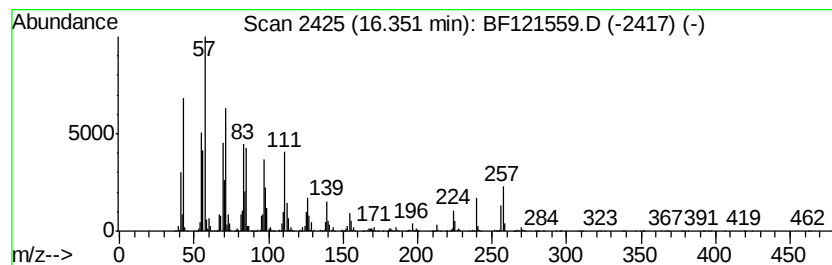
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Hexadecanethiol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	32.22 ng	11763800	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanethiol	258	C16H34S	002917-26-2	90
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	74
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	74
5		2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

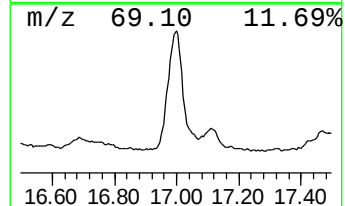
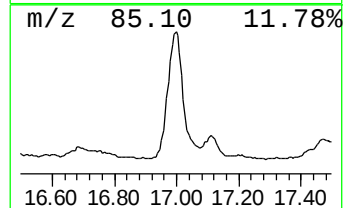
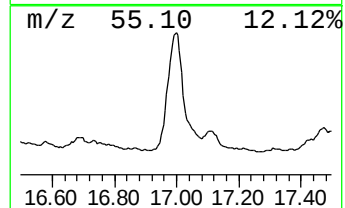
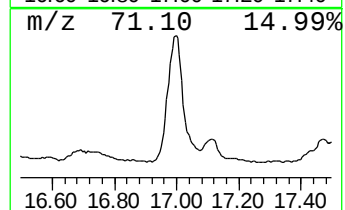
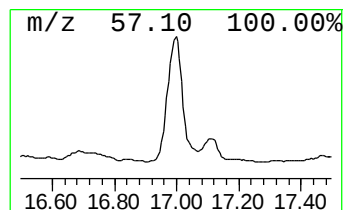
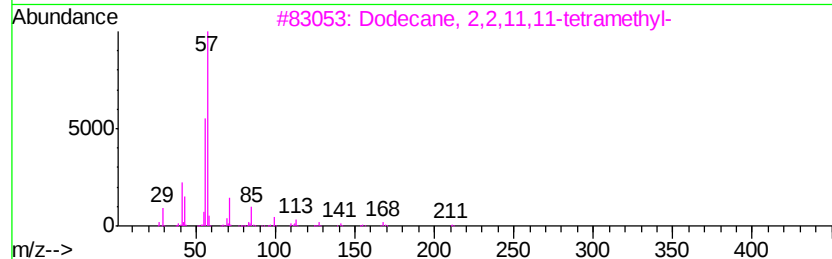
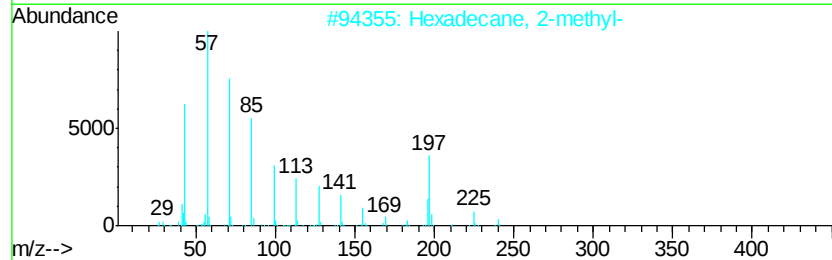
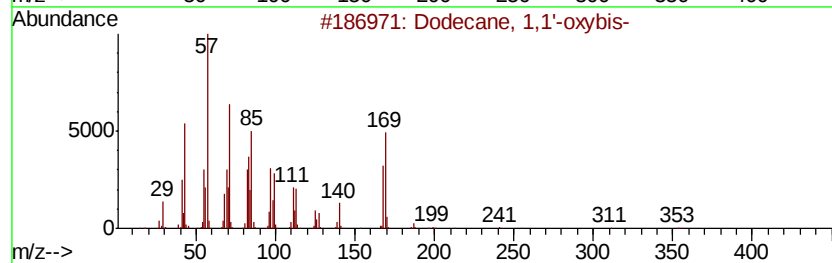
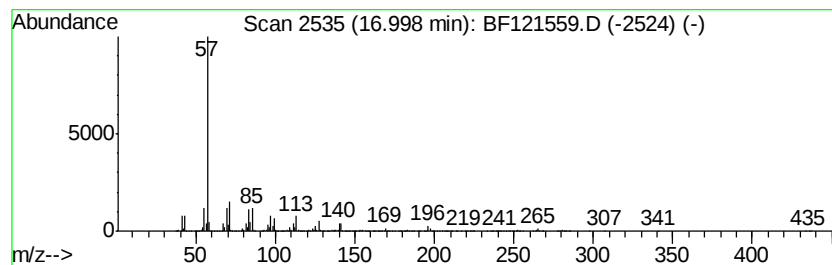
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 1,1'-oxybis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	33.84 ng	12355100	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1,1'-oxybis-	354	C24H50O	004542-57-8	52
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	50
3		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	47
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	47
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121559.D
Acq On : 14 Sep 2020 14:29
Operator : JU/CG
Sample : L3977-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

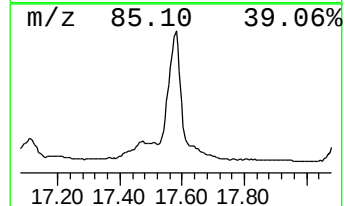
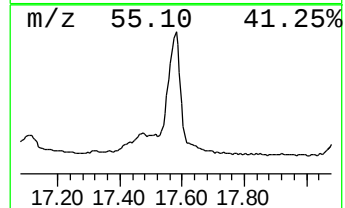
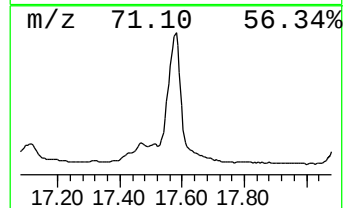
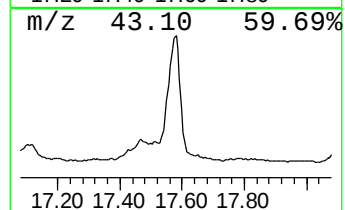
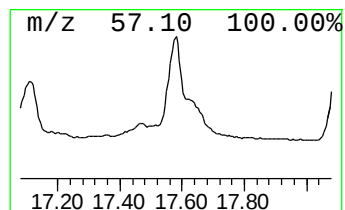
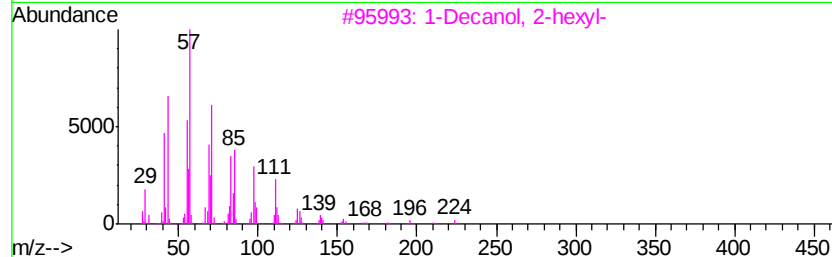
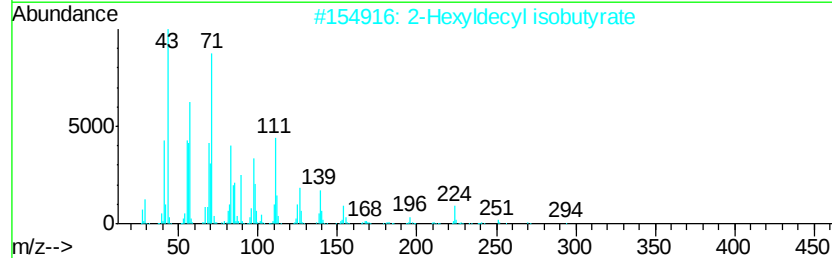
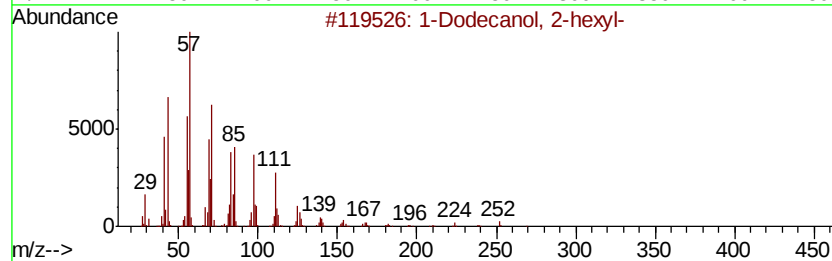
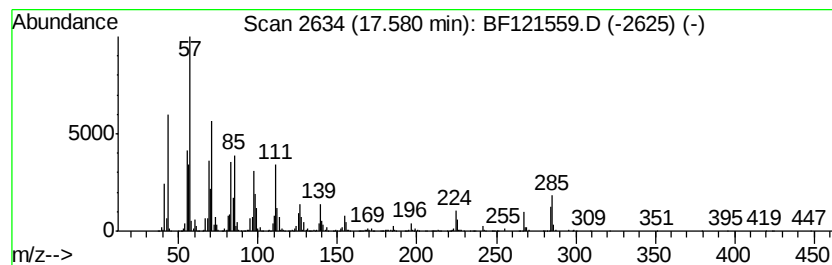
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Dodecanol, 2-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	31.02 ng	11328100	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70
2		2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	64
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	62
5		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091420\
 Data File : BF121559.D
 Acq On : 14 Sep 2020 14:29
 Operator : JU/CG
 Sample : L3977-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Ethanol, 2-butoxy-	5.98	247.8	ng	89595400	1	6.90	7231970	20.0
1-Hexanol, 2-ethyl-	7.03	20.0	ng	7231970	1	6.90	7231970	20.0
Sulfurous acid, b...	9.75	59.4	ng	32046100	3	9.89	10784900	20.0
1-Octanol, 5,7,7-...	11.09	1209.8	ng	157217000	4	11.49	2598980	20.0
1-Decanol, 2-hexyl-	11.27	58.0	ng	7531450	4	11.49	2598980	20.0
Trichloroacetic a...	11.33	31.9	ng	4151370	4	11.49	2598980	20.0
unknown12.03	12.03	385.0	ng	50032300	4	11.49	2598980	20.0
Dodecanoic acid, ...	12.24	37.3	ng	4841890	4	11.49	2598980	20.0
unknown12.45	12.45	49.6	ng	6445530	4	11.49	2598980	20.0
6-Octadecenoic ac...	12.63	84.6	ng	10991600	4	11.49	2598980	20.0
i-Propyl 16-methy...	12.66	41.5	ng	5399390	4	11.49	2598980	20.0
Pentadecanoic acid	12.70	49.4	ng	6412470	4	11.49	2598980	20.0
Benzoic acid, pen...	12.89	24.4	ng	7490100	5	13.99	6127860	20.0
Benzoic acid, tri...	13.26	25.8	ng	7891840	5	13.99	6127860	20.0
Benzoic acid, tet...	13.61	24.2	ng	7411130	5	13.99	6127860	20.0
unknown12.54	14.54	64.8	ng	19857100	5	13.99	6127860	20.0
Tridecane	15.55	20.0	ng	7302810	6	15.44	7302810	20.0
1-Hexadecanethiol	16.35	32.2	ng	11763800	6	15.44	7302810	20.0
Dodecane, 1,1'-ox...	17.00	33.8	ng	12355100	6	15.44	7302810	20.0
1-Dodecanol, 2-he...	17.58	31.0	ng	11328100	6	15.44	7302810	20.0