

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113390.D
 Acq On : 28 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K2093-20 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

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-BF032519.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	2.946	143	146	165	rBV	142092	302729	3.50%	0.489%
2	3.522	234	244	253	rBV	81604	160901	1.86%	0.260%
3	3.693	270	273	283	rBV	63065	107601	1.24%	0.174%
4	4.293	335	375	379	rBV3	79195	439685	5.09%	0.710%
5	4.545	416	418	434	rBV	39975	87456	1.01%	0.141%
6	5.257	536	539	547	rBV	254931	350430	4.05%	0.566%
7	5.322	547	550	563	rVV	85042	180328	2.09%	0.291%
8	5.545	575	588	600	rVB2	107386	412261	4.77%	0.666%
9	6.045	665	673	680	rBV2	50899	121494	1.41%	0.196%
10	6.392	721	732	735	rBV2	329794	649167	7.51%	1.049%
11	6.422	735	737	739	rVV2	229827	310671	3.59%	0.502%
12	6.451	740	742	744	rVV	279101	225515	2.61%	0.364%
13	6.475	744	746	754	rVB	190458	200332	2.32%	0.324%
14	6.704	781	785	795	rBV	954328	947717	10.96%	1.531%
15	6.781	795	798	808	rVV	400625	693254	8.02%	1.120%
16	6.857	808	811	830	rVV	325555	553647	6.40%	0.894%
17	7.016	834	838	848	rVV	182413	319138	3.69%	0.516%
18	7.128	852	857	875	rVV3	122962	433000	5.01%	0.699%
19	7.263	877	880	888	rVB	140856	149359	1.73%	0.241%
20	7.533	897	926	928	rBV2	1641625	8644819	100.00%	13.964%
21	7.928	972	993	995	rBV	1506805	5820111	67.32%	9.401%
22	7.986	998	1003	1007	rVV	1436904	1534578	17.75%	2.479%
23	8.163	1028	1033	1035	rBV	140424	160849	1.86%	0.260%
24	8.233	1041	1045	1047	rBV	2185315	2519341	29.14%	4.070%
25	8.257	1047	1049	1057	rVB2	3073676	4739567	54.83%	7.656%
26	8.351	1057	1065	1068	rVB4	667591	1320053	15.27%	2.132%
27	8.439	1068	1080	1085	rBV5	1268489	3435827	39.74%	5.550%
28	8.486	1085	1088	1089	rVV2	434897	442217	5.12%	0.714%
29	8.510	1089	1092	1095	rVB2	1001838	1155277	13.36%	1.866%
30	8.645	1109	1115	1118	rBV	101322	93020	1.08%	0.150%
31	8.922	1157	1162	1164	rBV2	148351	192111	2.22%	0.310%
32	8.980	1169	1172	1177	rVB	136018	112042	1.30%	0.181%
33	9.057	1182	1185	1197	rVB	390339	334477	3.87%	0.540%
34	9.251	1213	1218	1229	rVB	275905	447360	5.17%	0.723%

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35	9.522	1260	1264	1267	rVV	197521	341379	3.95%	0.551%
36	9.551	1267	1269	1276	rVB2	148724	192620	2.23%	0.311%
37	9.669	1283	1289	1294	rBV	574101	772278	8.93%	1.247%
38	9.733	1294	1300	1309	rVV	1678276	1549928	17.93%	2.504%
39	9.898	1325	1328	1335	rBV	134644	216643	2.51%	0.350%
40	10.063	1353	1356	1363	rVB	251719	226750	2.62%	0.366%
41	10.316	1395	1399	1407	rVV	49522	93505	1.08%	0.151%
42	10.404	1411	1414	1420	rVV6	58657	102880	1.19%	0.166%
43	10.522	1430	1434	1441	rVV	162653	164359	1.90%	0.265%
44	10.616	1447	1450	1468	rVB2	449518	1035966	11.98%	1.673%
45	10.869	1490	1493	1506	rVV	194833	417595	4.83%	0.675%
46	11.104	1526	1533	1541	rBV3	163510	236418	2.73%	0.382%
47	11.210	1548	1551	1557	rBV	1464607	1298953	15.03%	2.098%
48	11.292	1560	1565	1569	rVB2	70548	106004	1.23%	0.171%
49	11.533	1600	1606	1611	rBV3	109425	231190	2.67%	0.373%
50	11.751	1639	1643	1649	rBV	812128	789056	9.13%	1.275%
51	11.804	1649	1652	1670	rVB	963324	1911486	22.11%	3.088%
52	12.227	1720	1724	1733	rVB2	67774	134672	1.56%	0.218%
53	12.439	1751	1760	1761	rBV2	793263	970443	11.23%	1.568%
54	12.457	1761	1763	1772	rVV2	693026	1019708	11.80%	1.647%
55	12.533	1772	1776	1785	rVV	1096870	1328053	15.36%	2.145%
56	12.610	1785	1789	1800	rVB2	144130	390520	4.52%	0.631%
57	12.786	1816	1819	1826	rVB	231963	222180	2.57%	0.359%
58	12.845	1826	1829	1846	rBV	1107394	2359856	27.30%	3.812%
59	13.221	1890	1893	1901	rBV	107838	251220	2.91%	0.406%
60	13.551	1946	1949	1960	rBV4	134154	291325	3.37%	0.471%
61	13.774	1983	1987	1995	rBV	946887	2066809	23.91%	3.339%
62	13.839	1995	1998	2004	rVB	1279776	1194629	13.82%	1.930%
63	14.110	2040	2044	2053	rBV2	107947	255461	2.96%	0.413%
64	14.609	2125	2129	2144	rBV	666974	1821488	21.07%	2.942%
65	14.915	2179	2181	2184	rBV	85217	87016	1.01%	0.141%
66	15.239	2232	2236	2245	rBV	841939	1221393	14.13%	1.973%
67	15.562	2286	2291	2304	rBV3	218064	838688	9.70%	1.355%
68	15.662	2305	2308	2313	rVB2	117018	170734	1.97%	0.276%

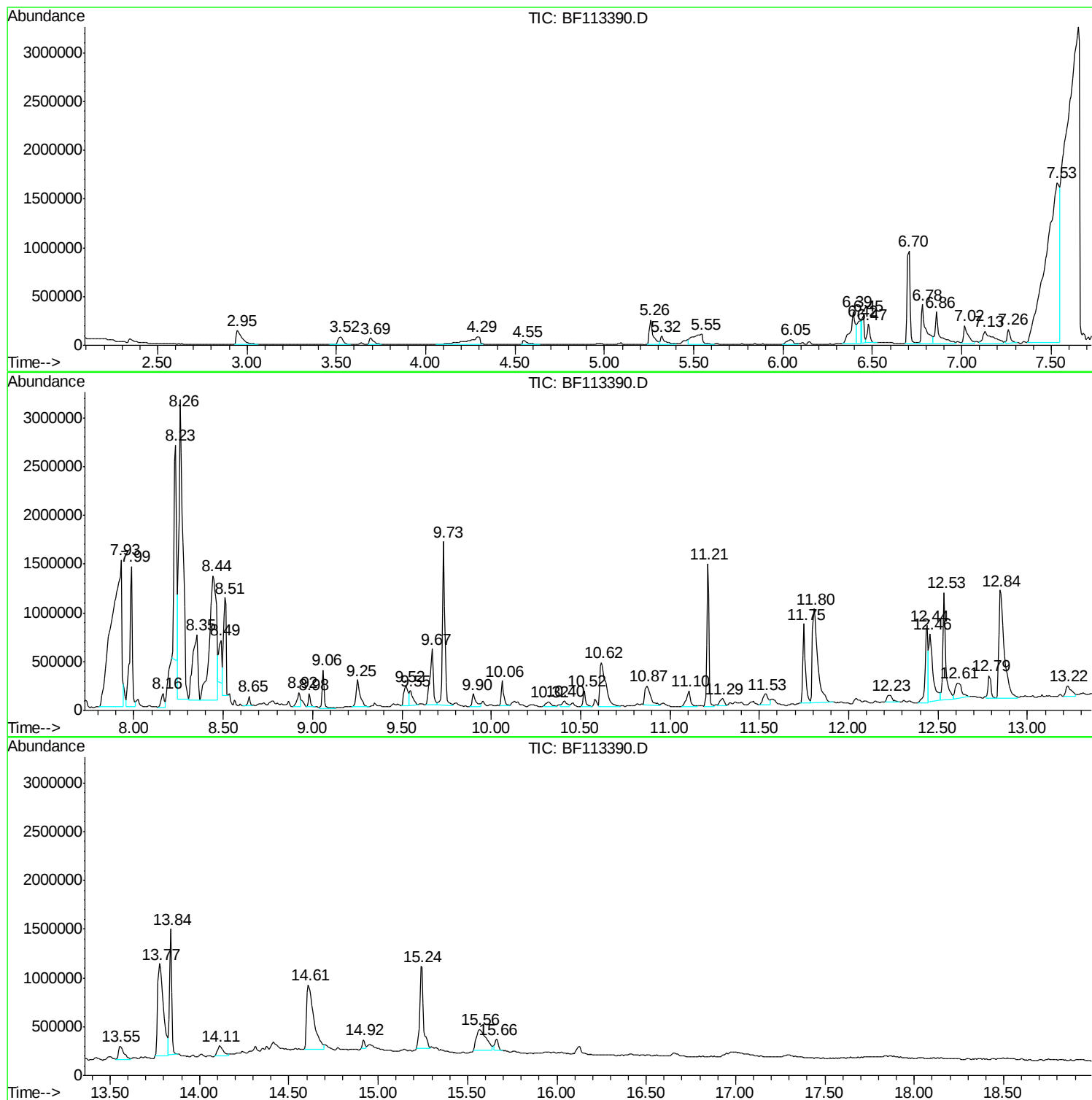
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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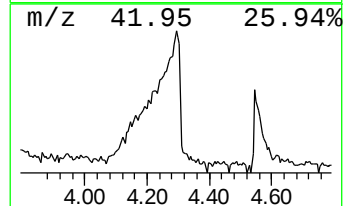
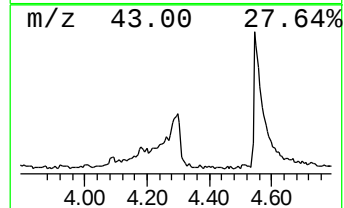
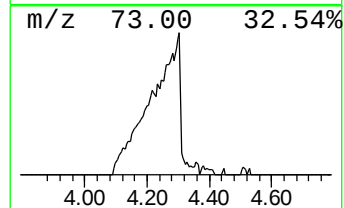
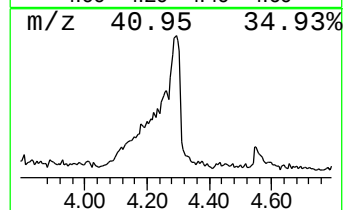
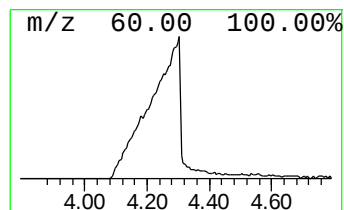
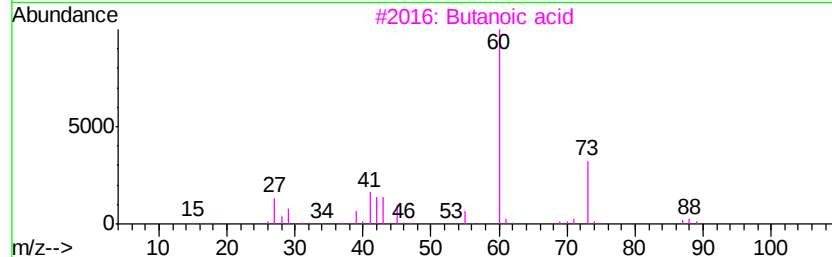
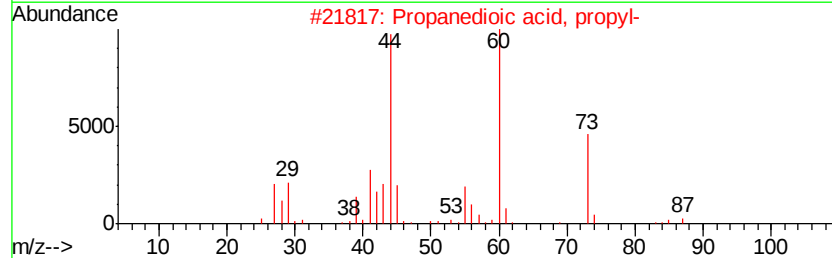
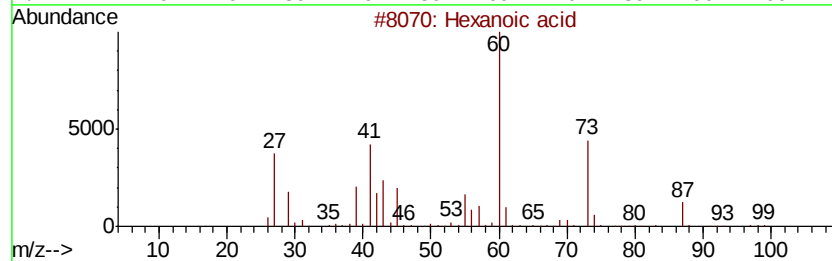
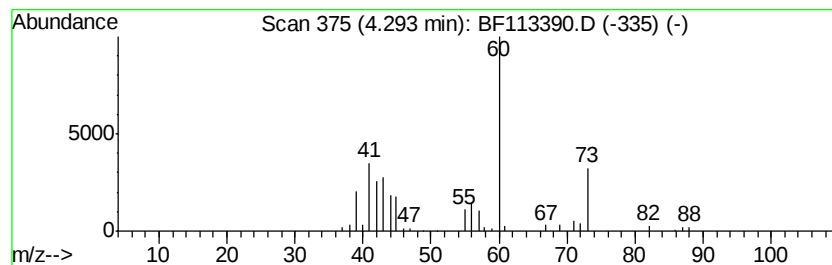
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	9.28 ng	439685	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	64
2		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
3		Butanoic acid	88	C4H8O2	000107-92-6	50
4		Pentanoic acid	102	C5H10O2	000109-52-4	38
5		4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	36



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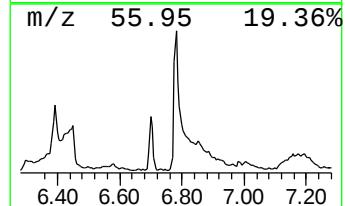
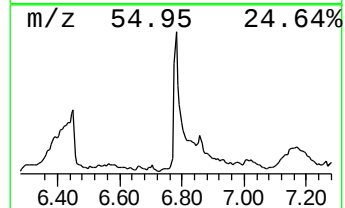
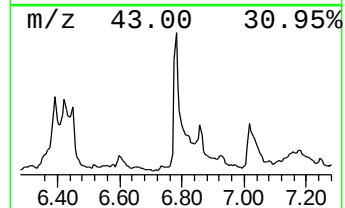
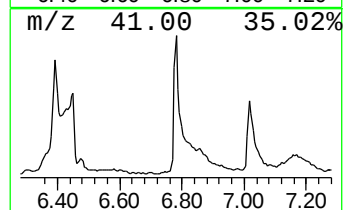
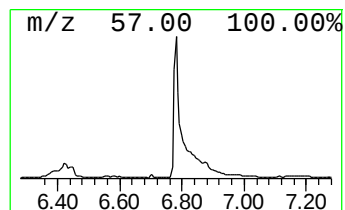
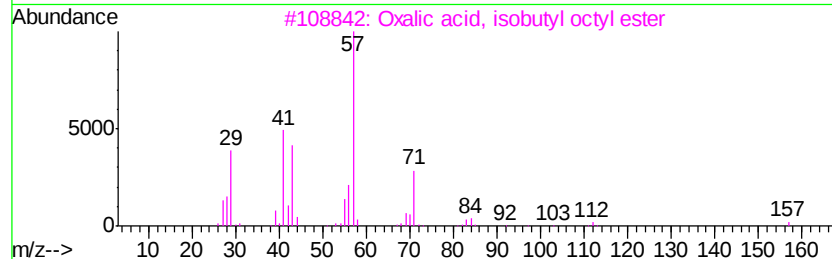
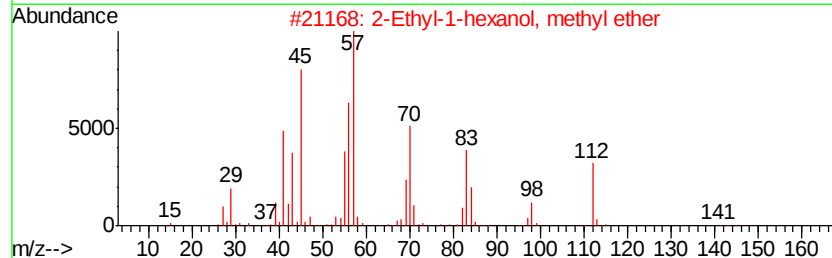
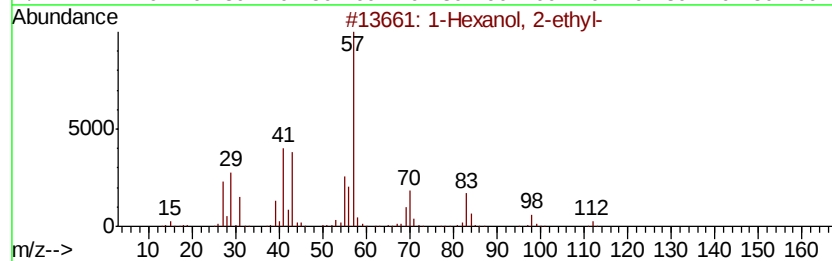
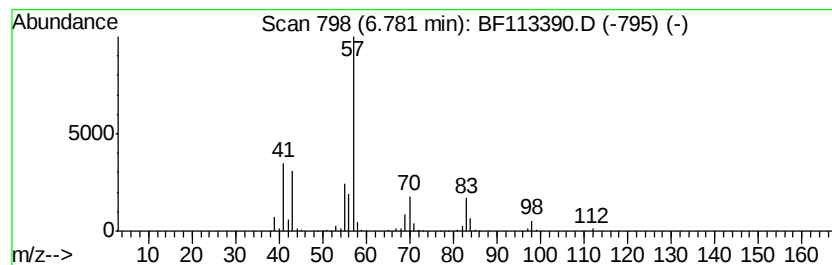
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	14.63 ng	693254	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
3		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
4		Octane, 3-methyl-	128	C9H20	002216-33-3	50
5		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	42



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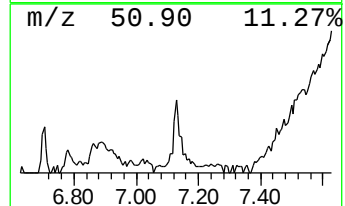
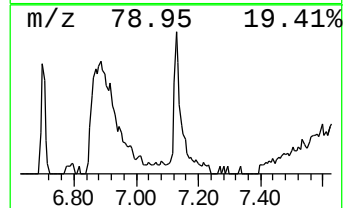
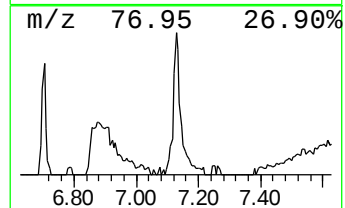
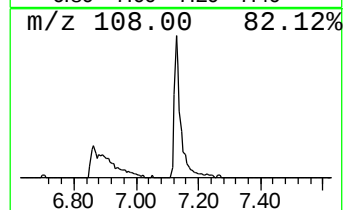
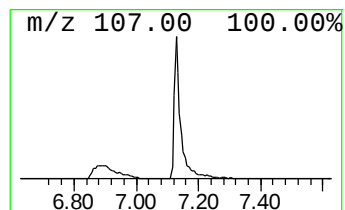
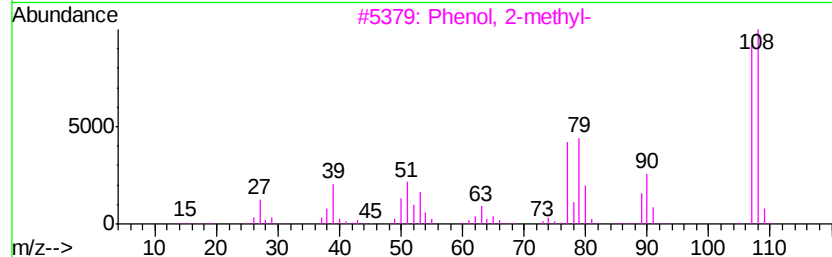
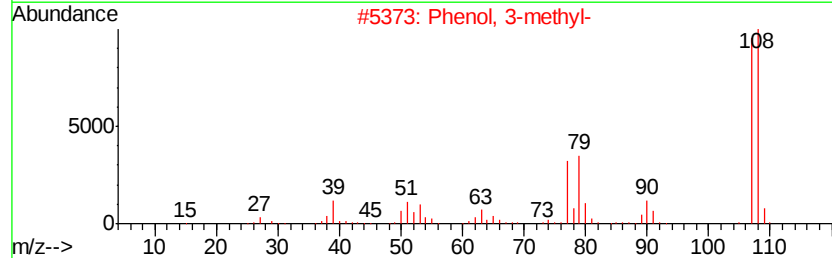
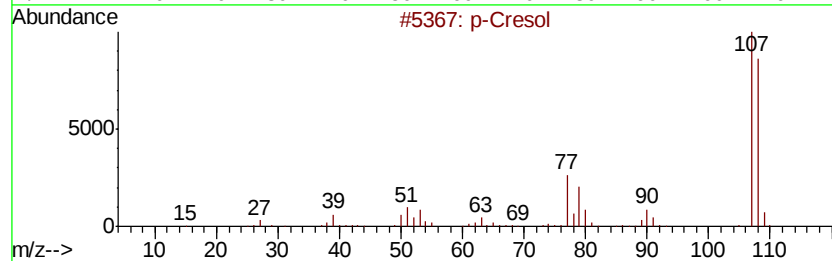
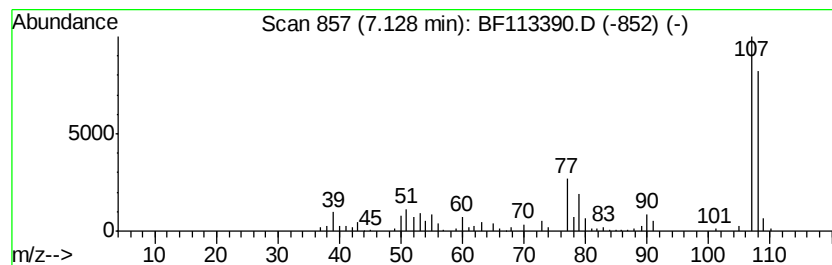
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 p-Cresol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	9.14 ng	433000	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cresol	108	C7H8O	000106-44-5	97
2		Phenol, 3-methyl-	108	C7H8O	000108-39-4	95
3		Phenol, 2-methyl-	108	C7H8O	000095-48-7	83
4		Pyrrolidine, 2-(cyanomethylene)-	108	C6H8N2	1000197-01-1	58
5		Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	50



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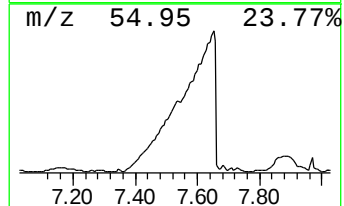
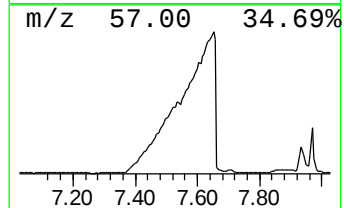
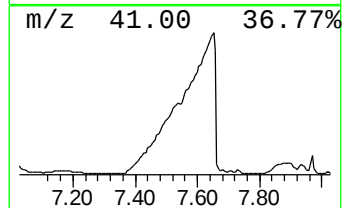
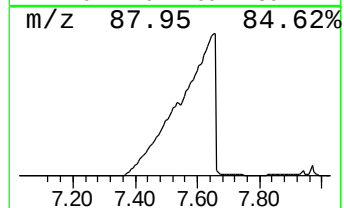
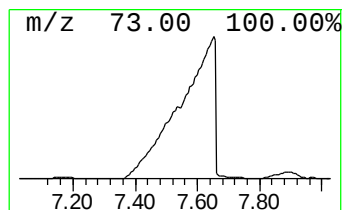
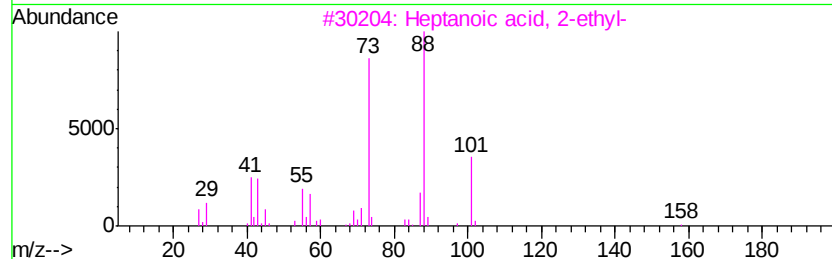
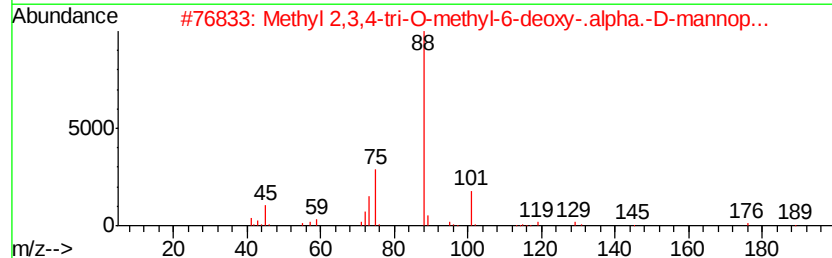
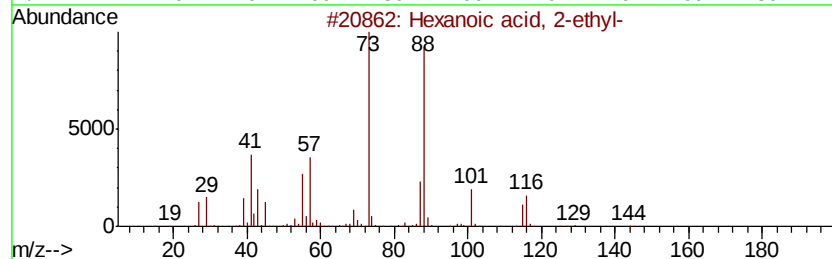
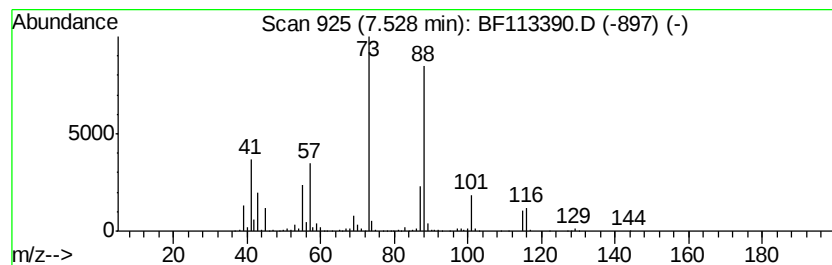
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.53	112.67 ng	8644820	Naphthalene-d8	7.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90	
2	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	53	
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53	
4	1,4-Dioxane	88	C4H8O2	000123-91-1	47	
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
30099-30100-OW-6

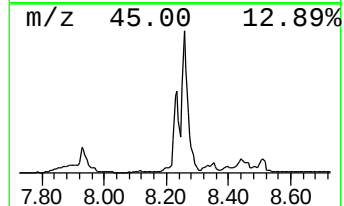
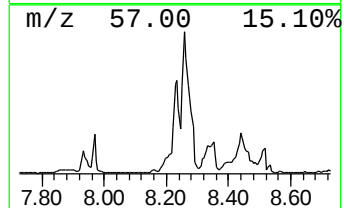
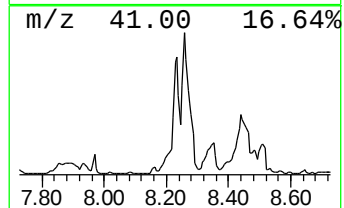
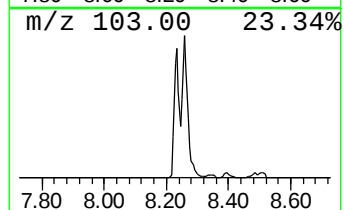
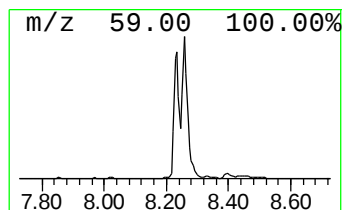
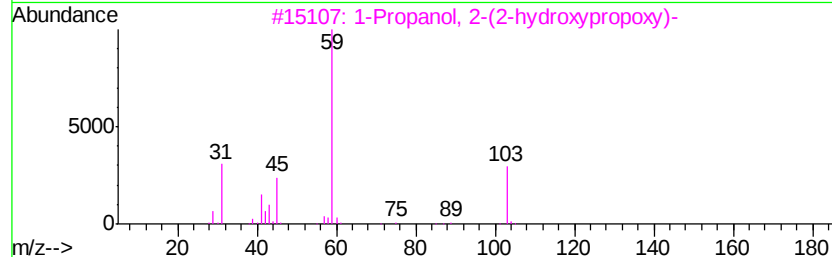
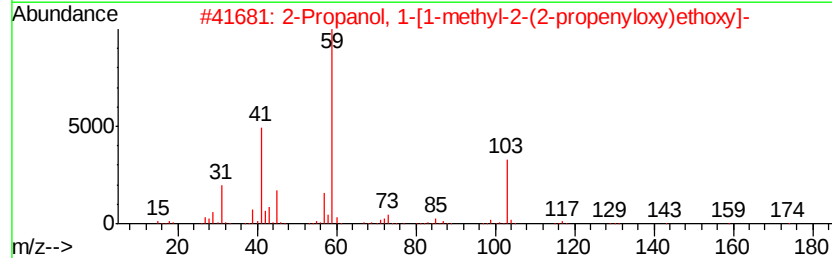
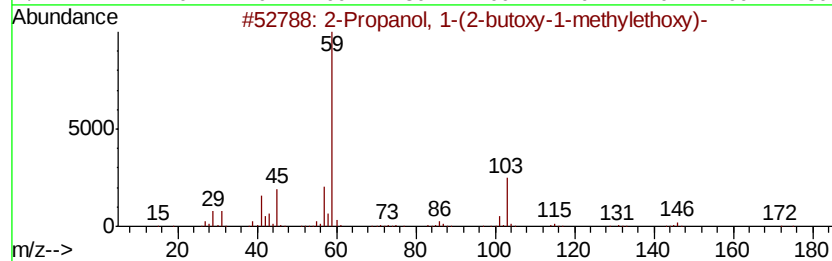
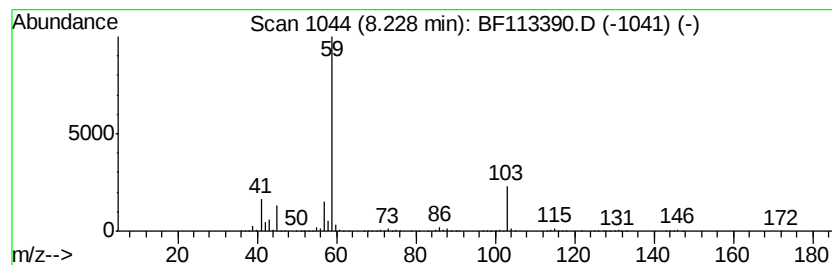
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	32.83 ng	2519340	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	78
2		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
3		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4		1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-2	59
5		2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
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Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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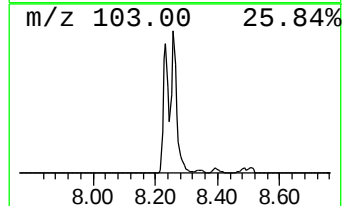
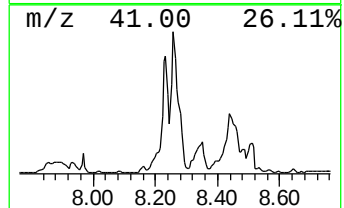
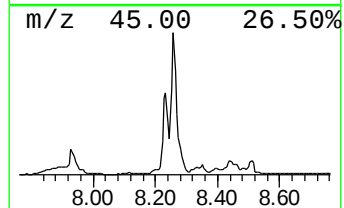
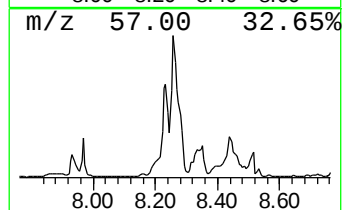
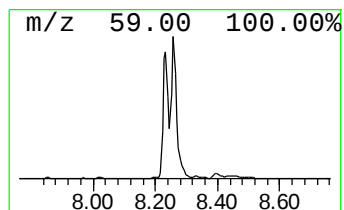
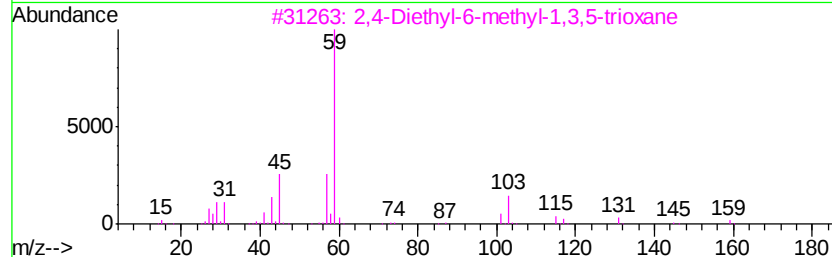
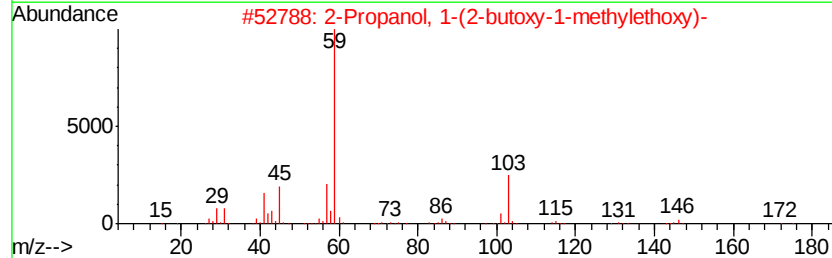
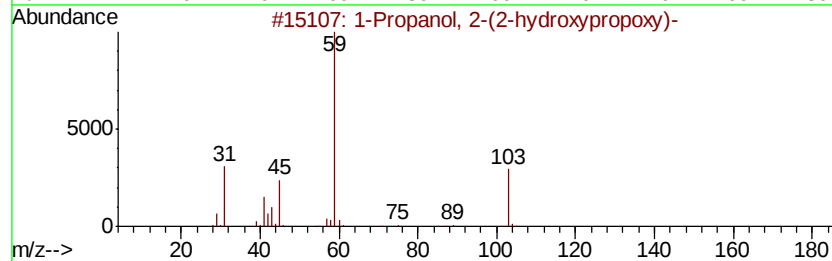
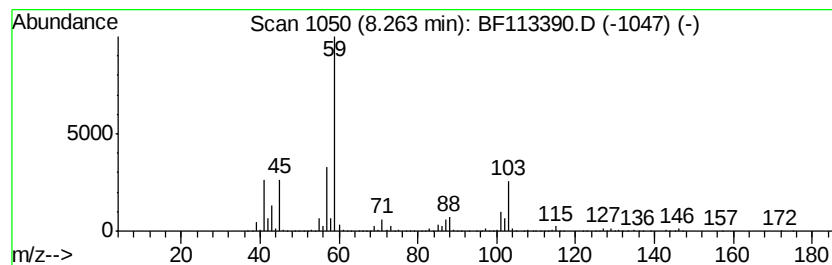
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	61.77 ng	4739570	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2		2-Propanol, 1-(2-butoxy-1-methyl...)	190	C10H22O3	029911-28-2	78
3		2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	78
4		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	72
5		2-Propanol, 1-(2-methoxy-1-methyl...)	148	C7H16O3	020324-32-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
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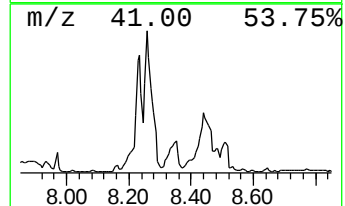
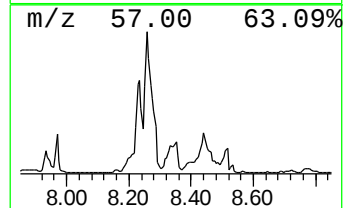
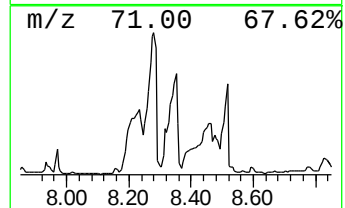
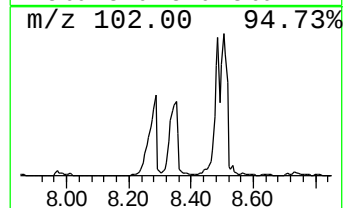
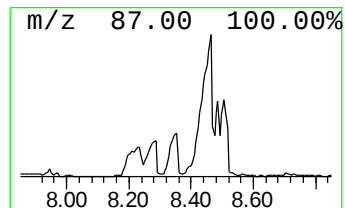
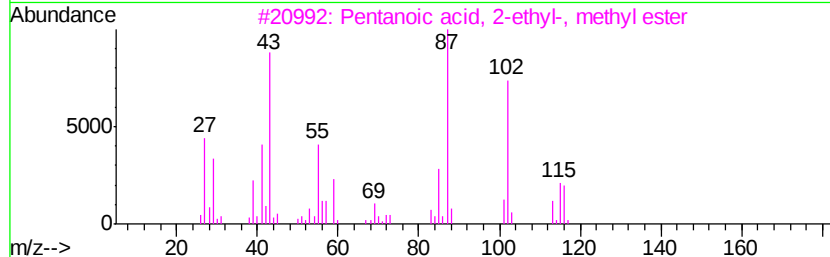
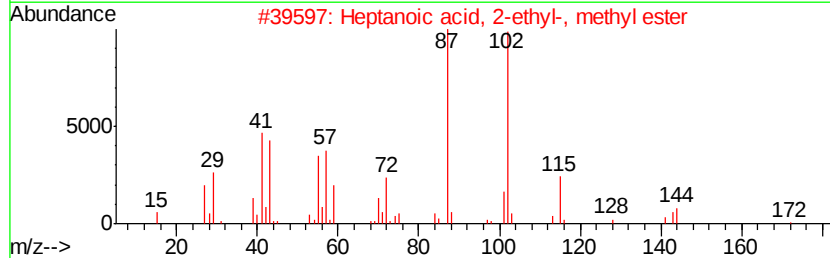
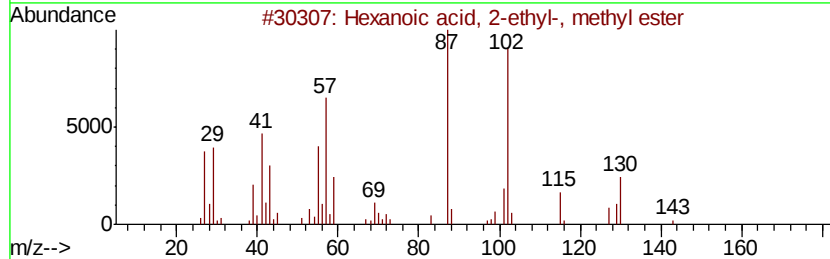
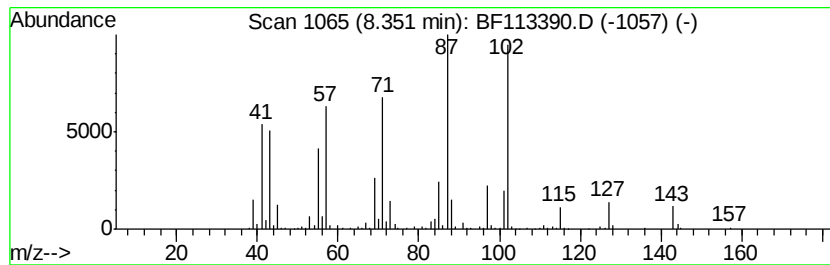
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl-, me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	17.20 ng	1320050	Naphthalene-d8	7.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanoic acid, 2-ethyl-, methyl ...	158 C9H18O2	000816-19-3	50
2	Heptanoic acid, 2-ethyl-, methyl...	172 C10H20O2	000816-63-7	33
3	Pentanoic acid, 2-ethyl-, methyl...	144 C8H16O2	000816-16-0	33
4	2,3-Di-O-methyl-D-xvlopvranose	178 C7H14O5	018186-26-0	16
5	Butyramide, 2,2,3,3-tetramethyl-	143 C8H17NO	098486-62-5	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
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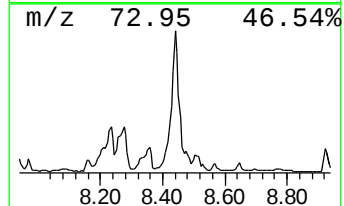
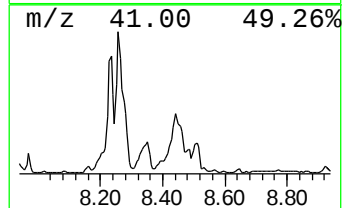
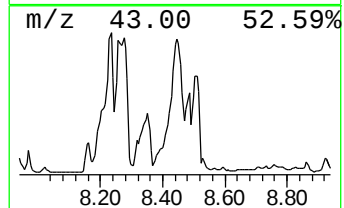
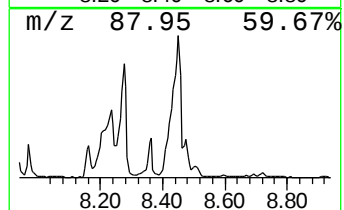
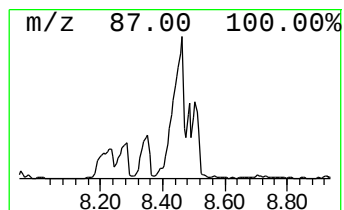
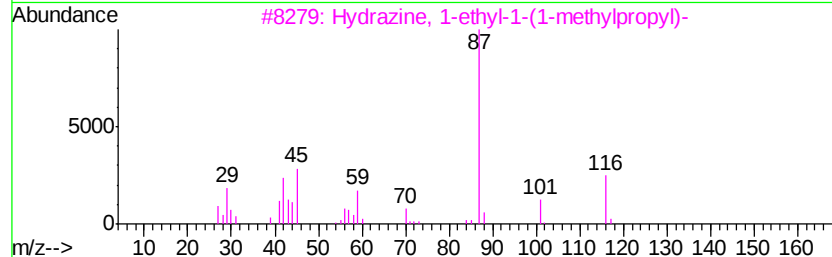
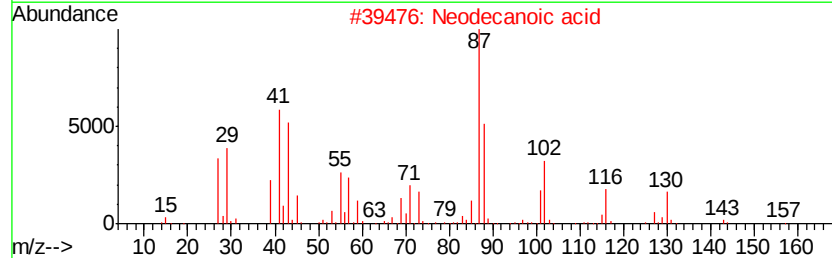
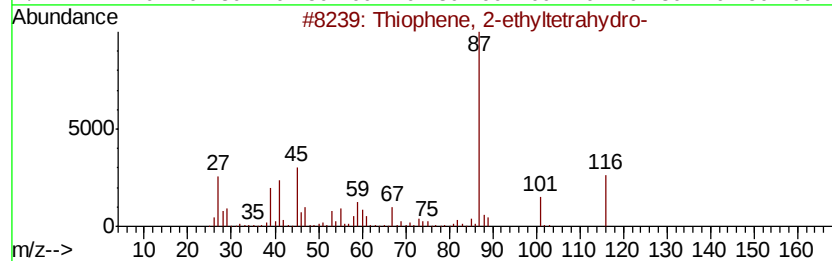
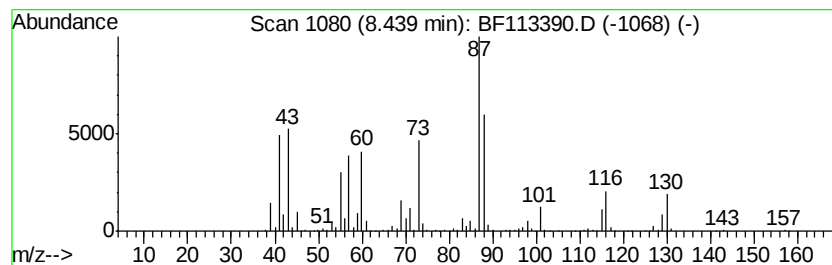
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.44	44.78 ng	3435830	Naphthalene-d8	7.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	46
2	Neodecanoic acid	172	C10H20O2	026896-20-8	40
3	Hvdrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	38
4	Pentanoic acid, 2-propyl-, methv...	158	C9H18O2	022632-59-3	37
5	Thiophane, propyl-	130	C7H14S	001551-34-4	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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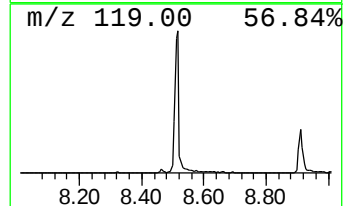
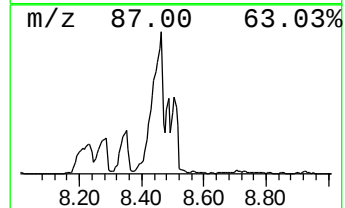
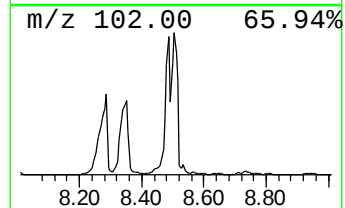
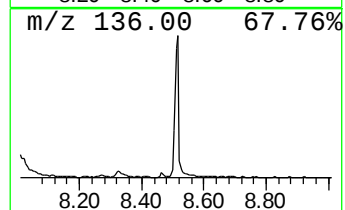
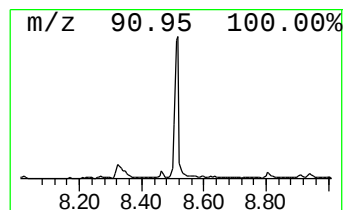
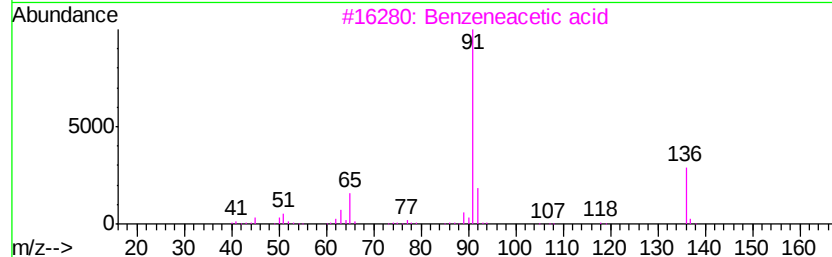
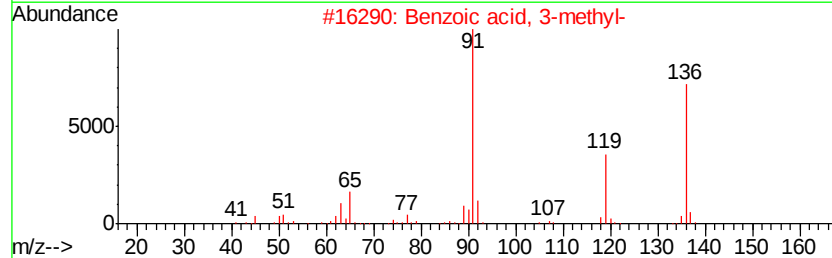
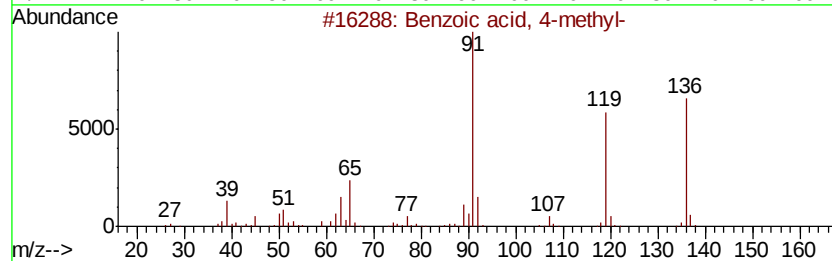
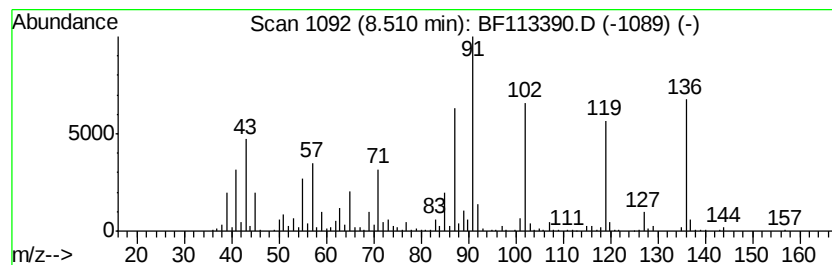
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzoic acid, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	15.06 ng	1155280	Naphthalene-d8	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94
2			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	42
3			Benzeneacetic acid	136	C8H8O2	000103-82-2	35
4			(+)-di-O-4-Toluoyl-D-tartaric acid	386	C20H18O8	032634-68-7	25
5			4-Methylbenzoyl isothiocyanate	177	C9H7NOS	016794-68-6	18



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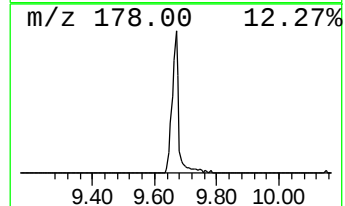
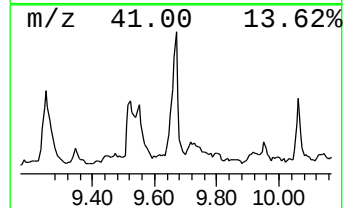
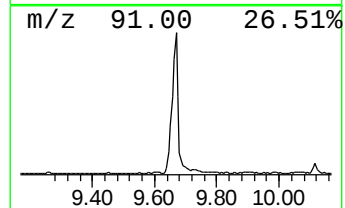
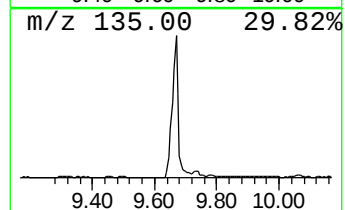
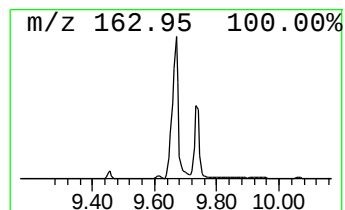
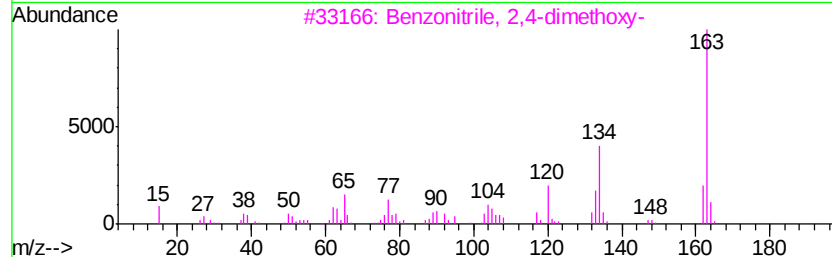
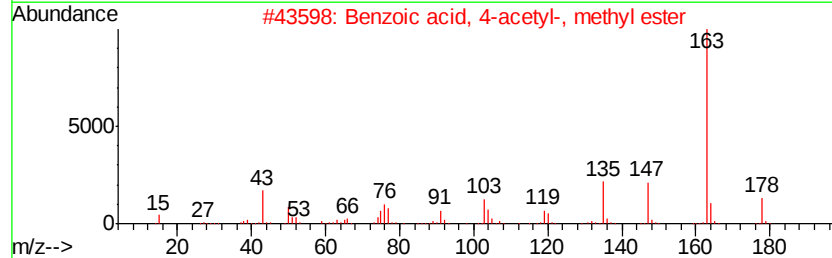
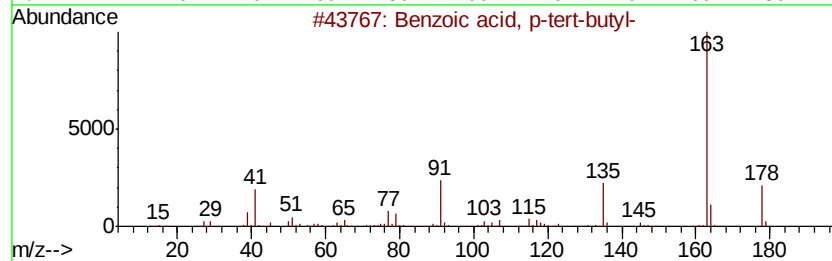
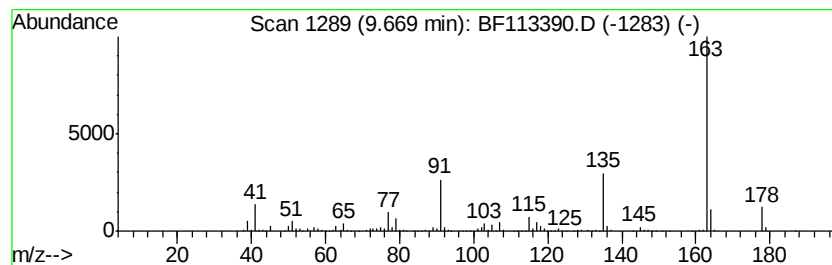
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzoic acid, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	9.97 ng	772278	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2		Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	59
3		Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	53
4		.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	47
5		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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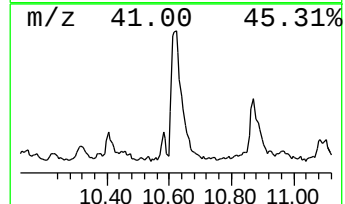
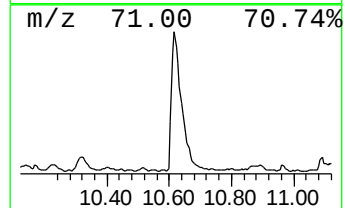
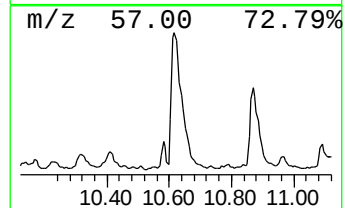
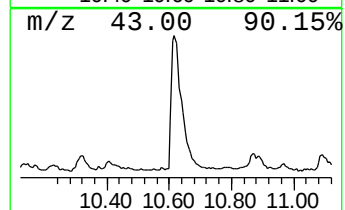
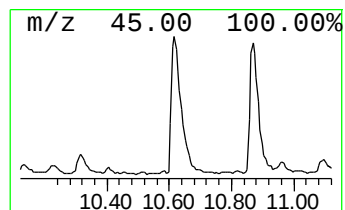
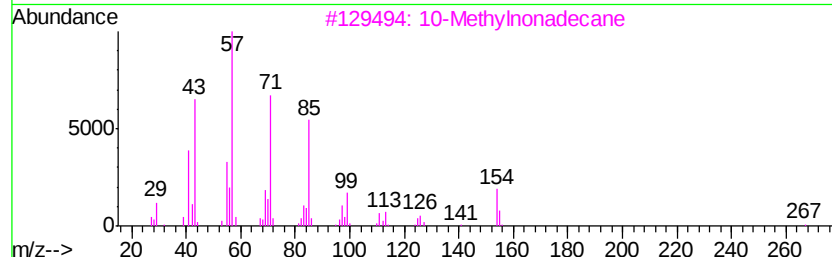
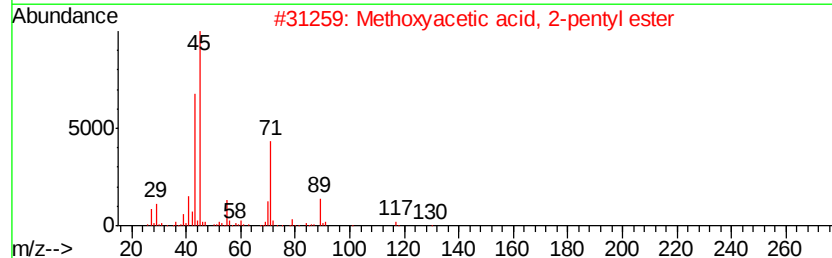
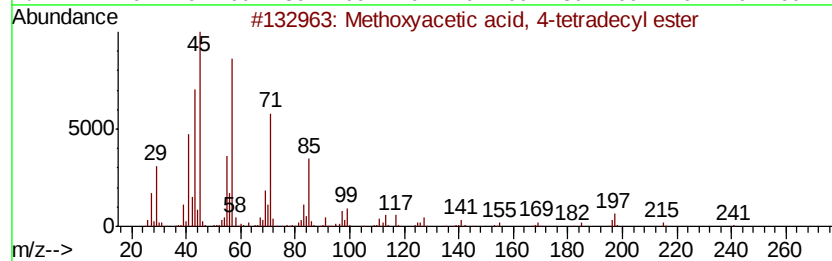
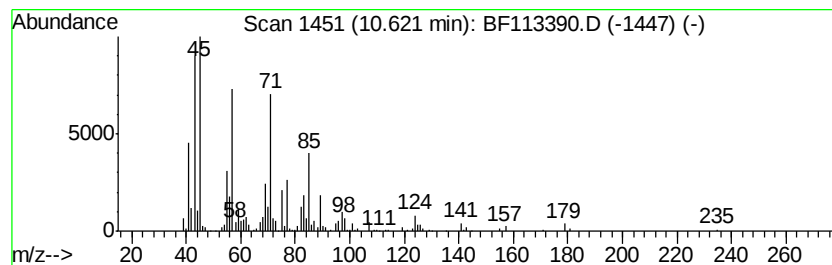
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methoxyacetic acid, 4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	15.95 ng	1035970	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxvacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	53
2		Methoxvacetic acid, 2-pentyl ester	160	C8H16O3	1000282-69-2	43
3		10-Methylnonadecane	282	C20H42	056862-62-5	27
4		2-methyltetracosane	352	C25H52	1000376-72-6	27
5		Hexaethylene glycol	282	C12H26O7	002615-15-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

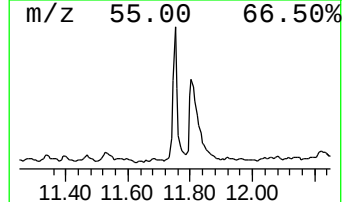
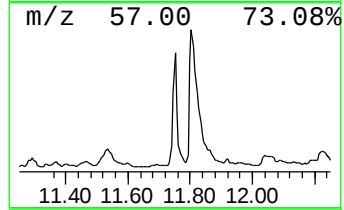
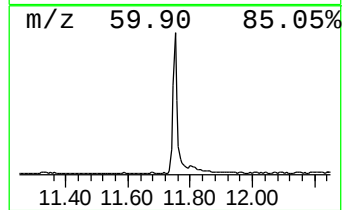
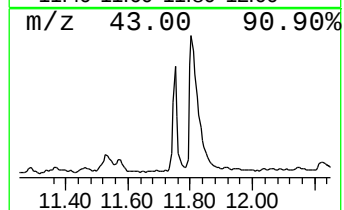
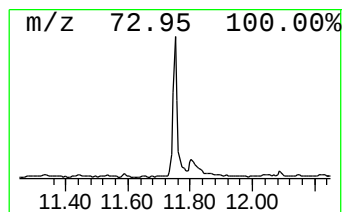
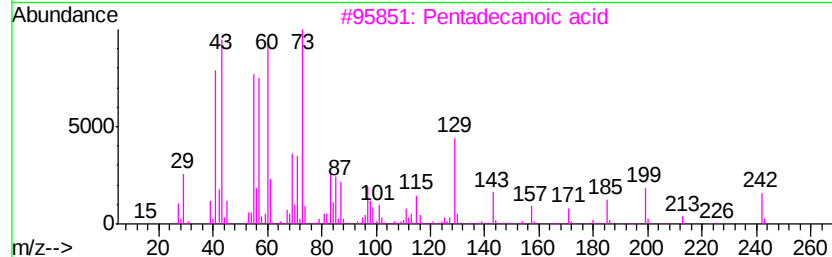
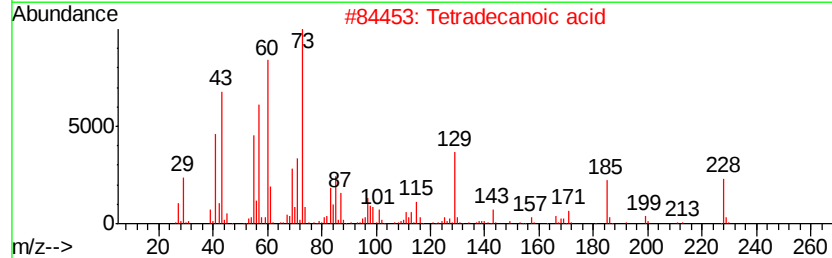
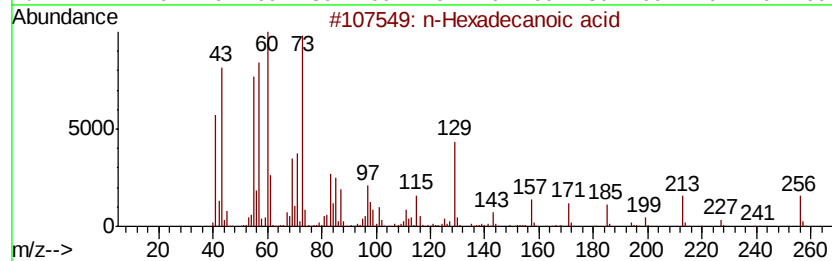
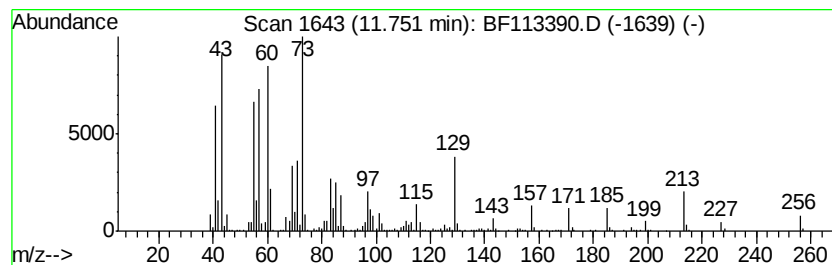
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.75	12.15 ng	789056	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
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Sample : K2093-20 10X
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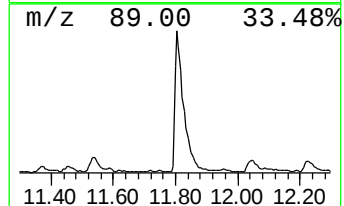
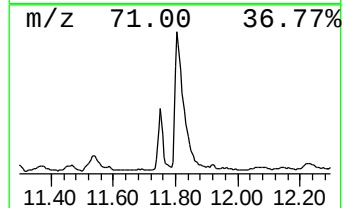
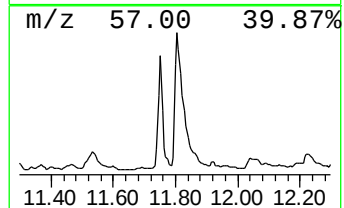
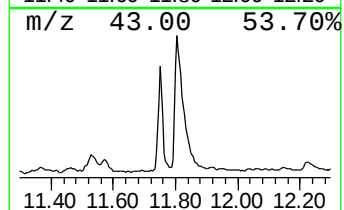
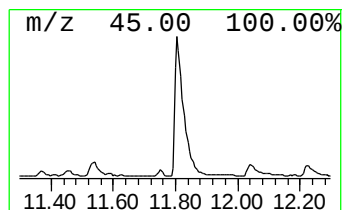
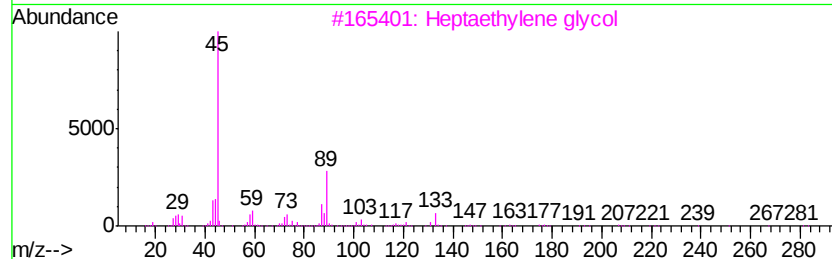
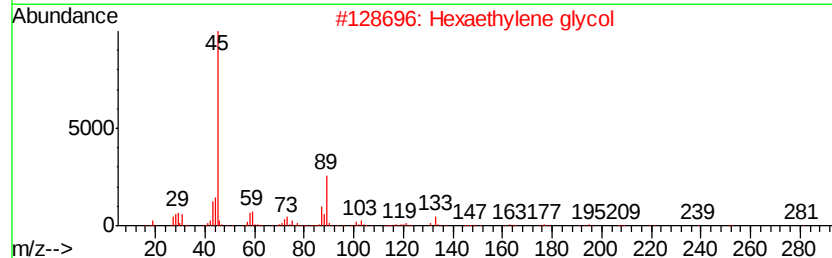
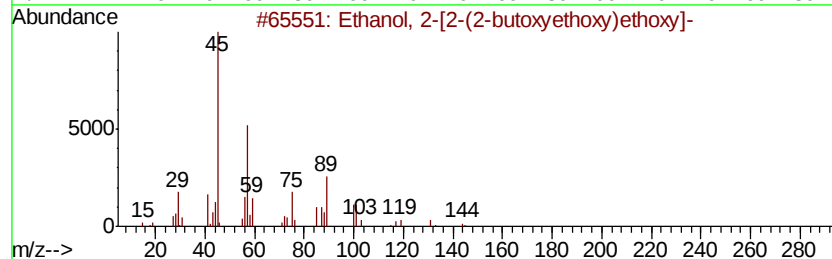
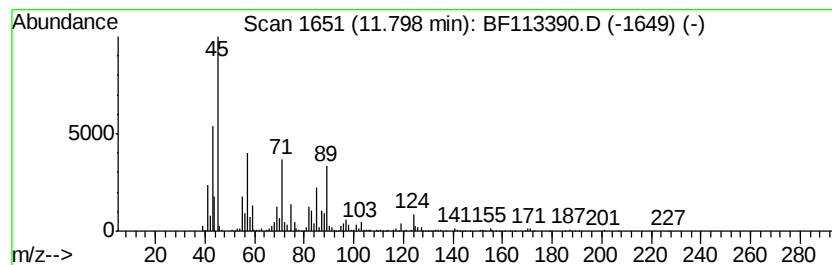
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	29.43 ng	1911490	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)ethoxy]-	206	C10H22O4	000143-22-6	50
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
5	Ethanol, 2-[2-(ethoxyloxy)ethoxy]-	132	C6H12O3	000929-37-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113390.D
 Acq On : 28 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K2093-20 10X
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Instrument :
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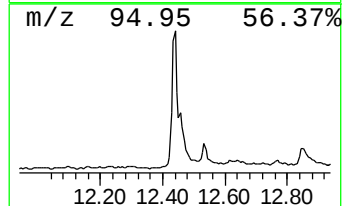
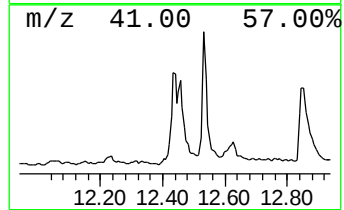
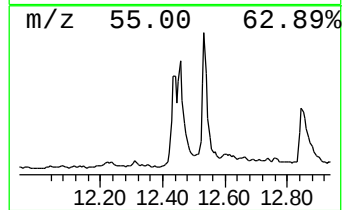
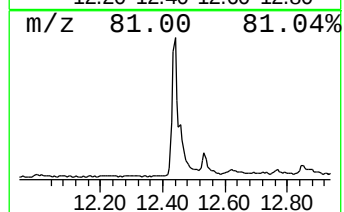
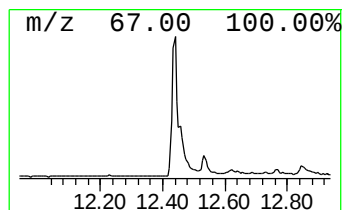
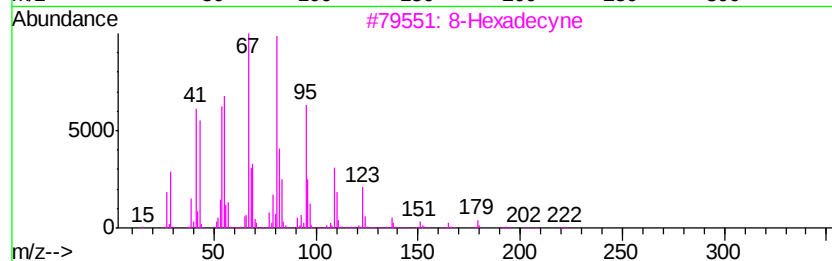
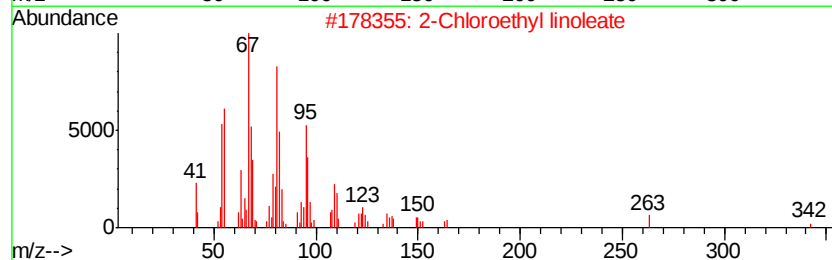
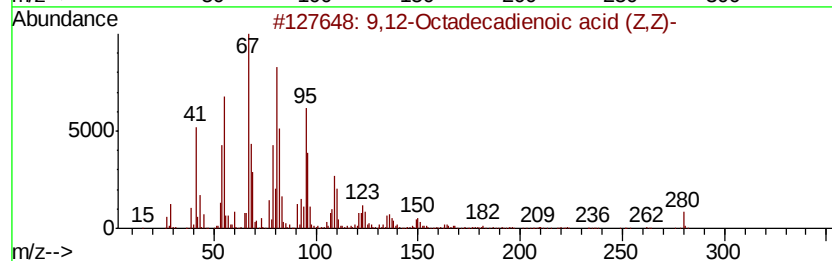
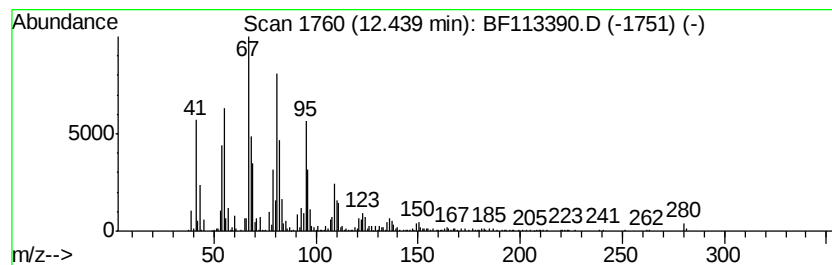
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	14.94 ng	970443	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
3		8-Hexadecyne	222	C16H30	019781-86-3	90
4		cis-7-Dodecen-1-ol	184	C12H24O	020056-92-2	90
5		1-Tridecyne	180	C13H24	026186-02-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
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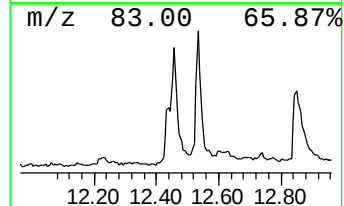
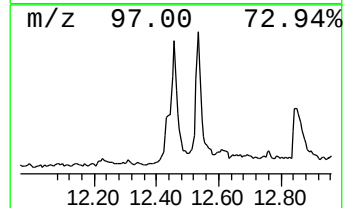
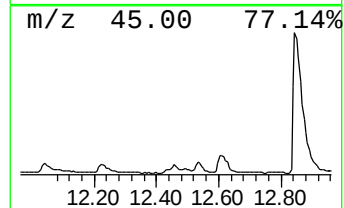
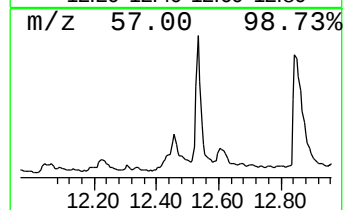
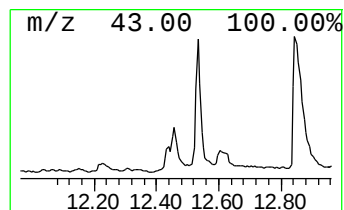
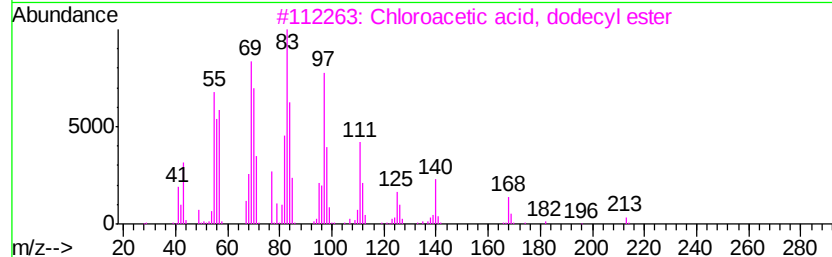
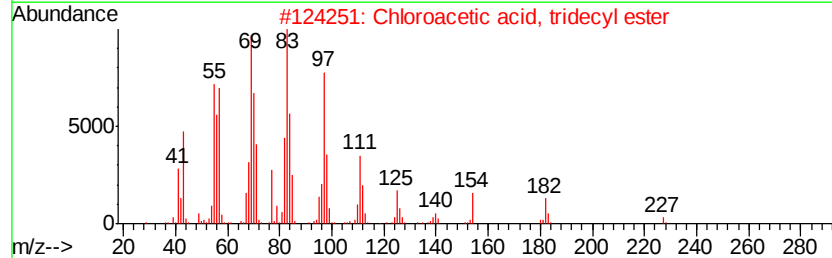
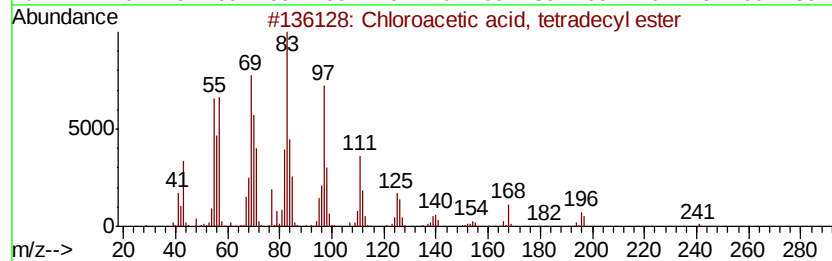
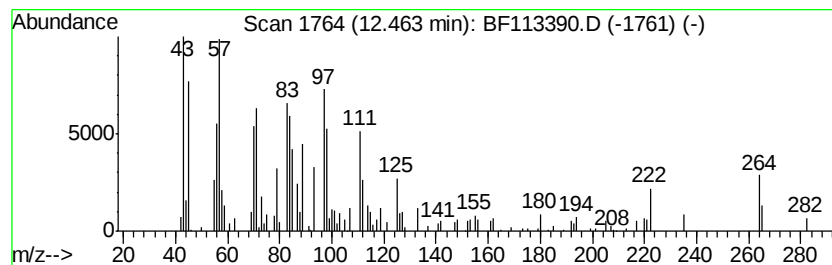
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Chloroacetic acid, tetradec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	15.70 ng	1019710	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	91
2		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	91
3		Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	86
4		Cetene	224	C16H32	000629-73-2	86
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
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Sample : K2093-20 10X
Misc :
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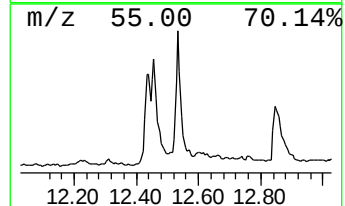
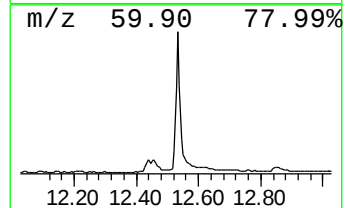
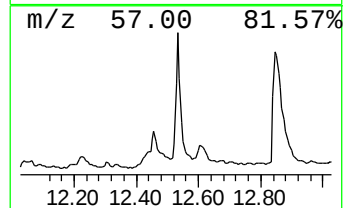
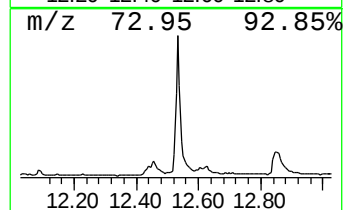
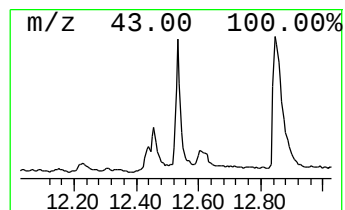
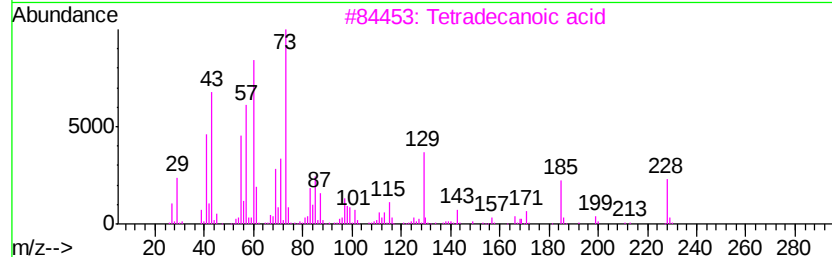
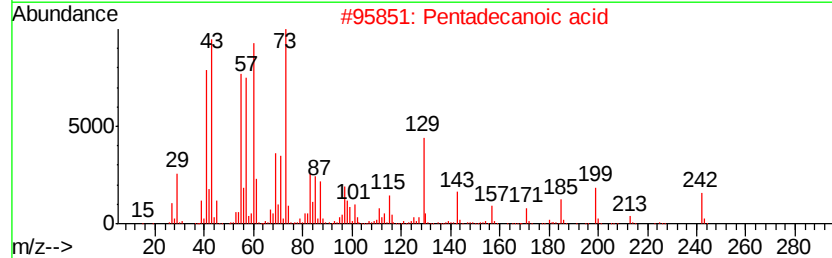
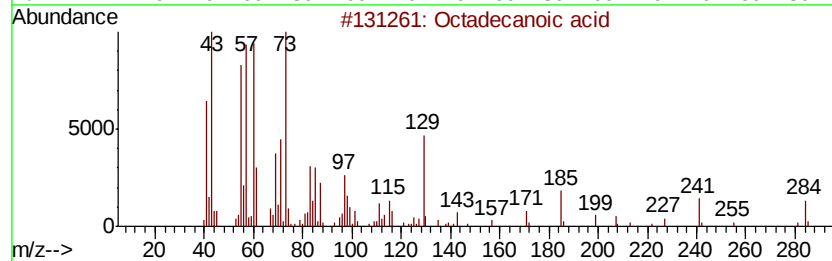
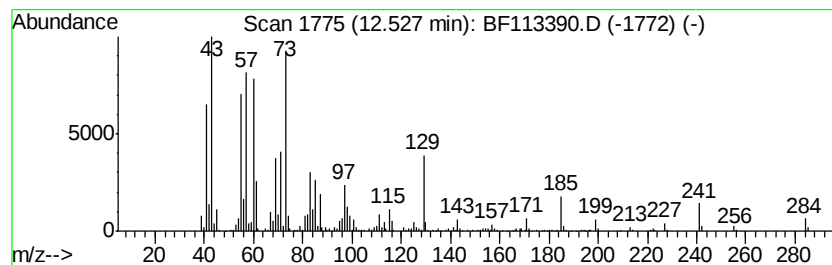
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	22.23 ng	1328050	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 99
2		Pentadecanoic acid	242 C15H30O2	001002-84-2 93
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 87
4		Octadecanoic acid, 2-(2-hydroxyve...	372 C22H44O4	000106-11-6 83
5		n-Decanoic acid	172 C10H20O2	000334-48-5 70



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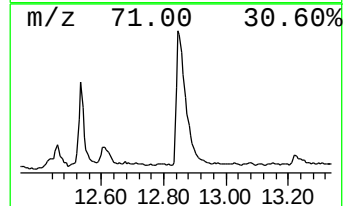
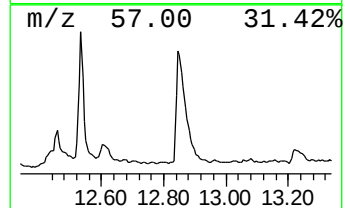
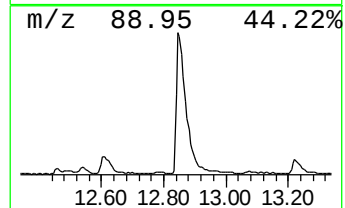
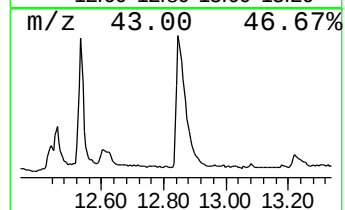
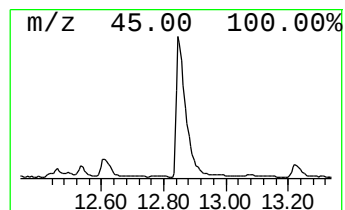
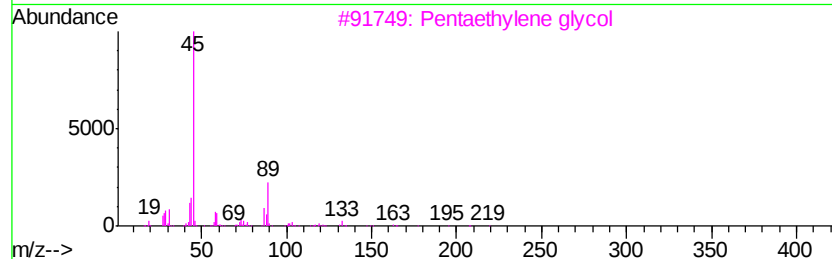
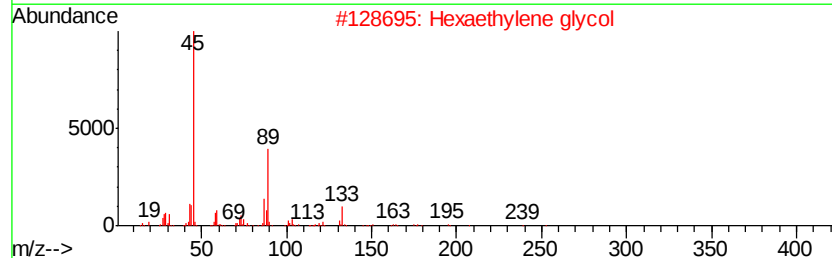
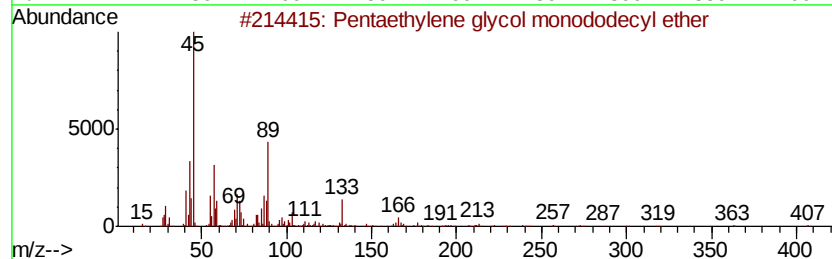
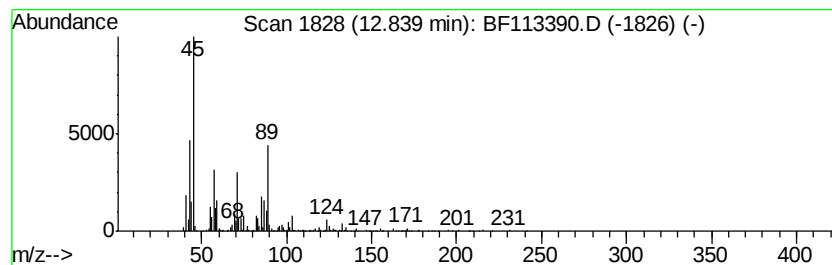
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentaethylene glycol monodo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	39.51 ng	2359860	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	72
2		Hexaethylene glycol	282	C12H26O7	002615-15-8	68
3		Pentaethylene glycol	238	C10H22O6	004792-15-8	64
4		2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	64
5		2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

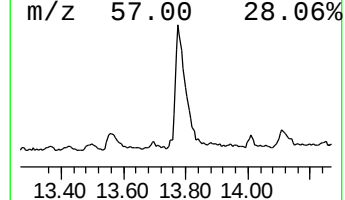
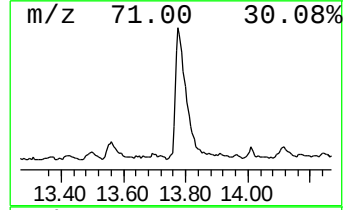
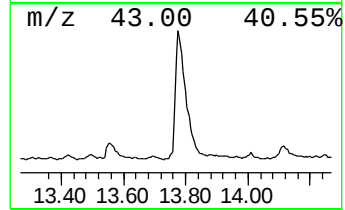
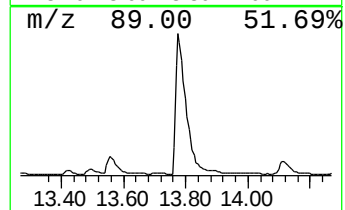
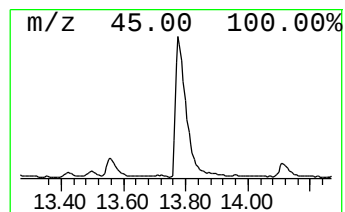
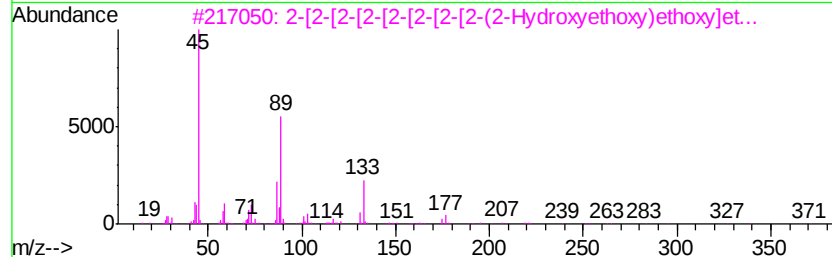
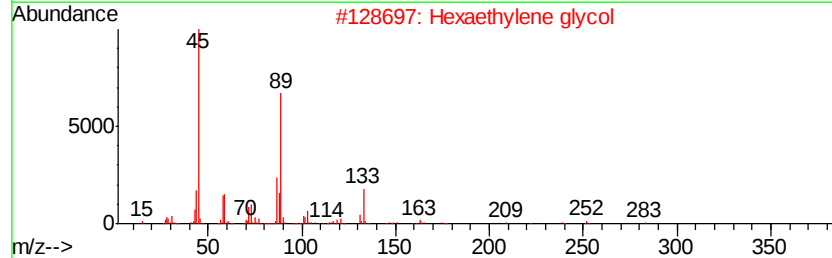
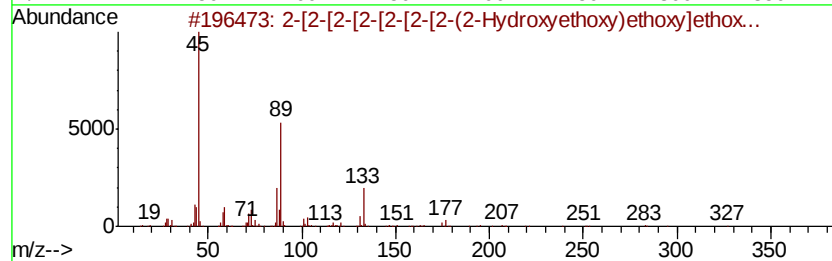
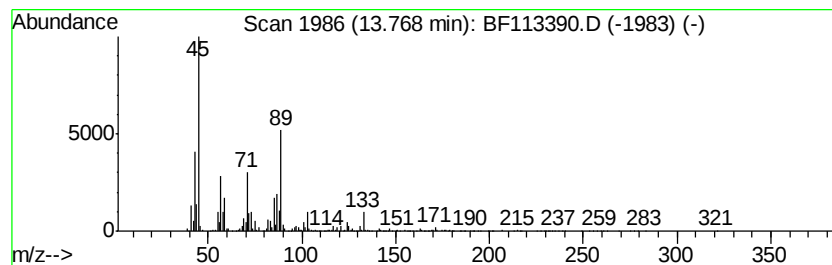
Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.77	34.60 ng	2066810	Chrysene-d12	13.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H3409	005117-19-1	83	
2	Hexaethylene glycol	282	C12H2607	002615-15-8	83	
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38010	1000352-12-5	80	
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42011	1000352-12-6	80	
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H2605	001559-34-8	80	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

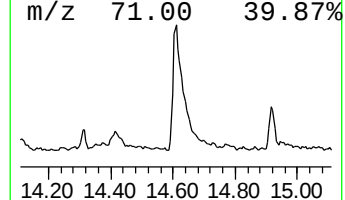
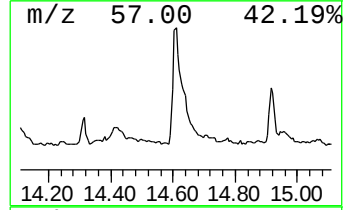
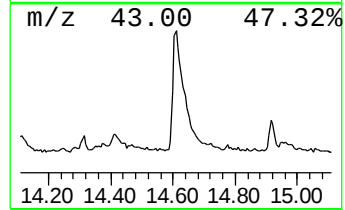
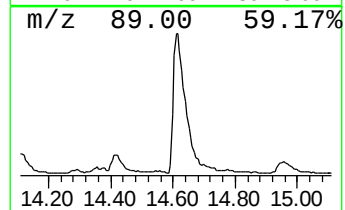
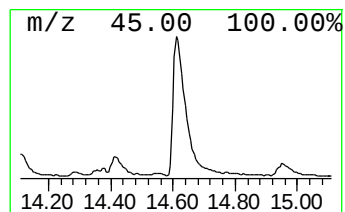
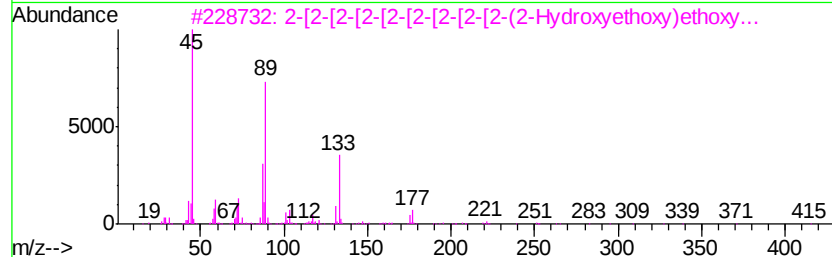
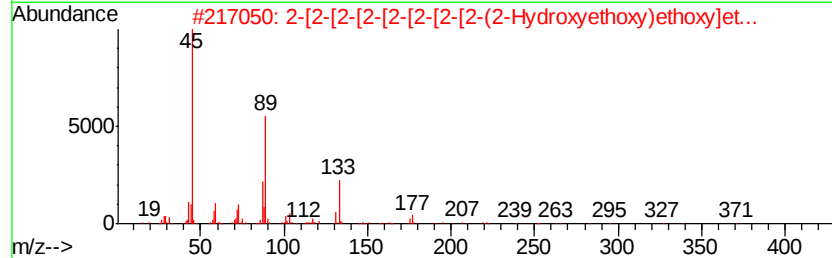
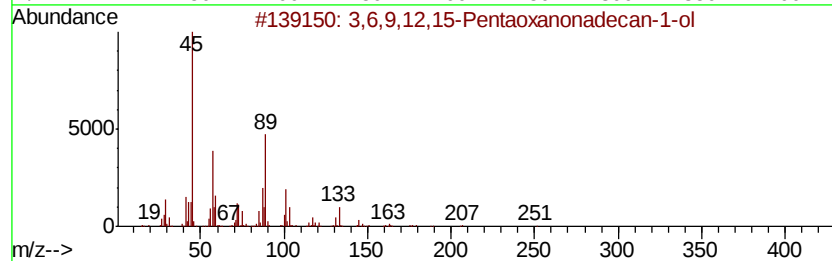
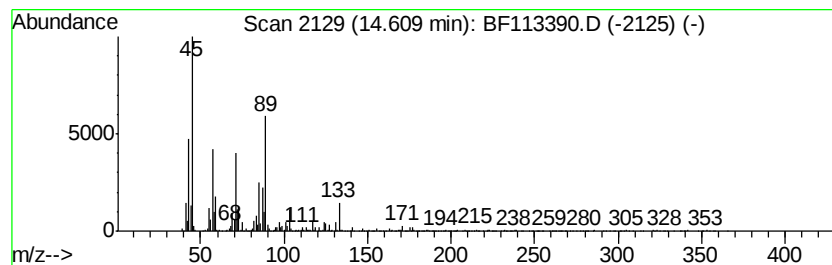
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	29.83 ng	1821490	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	76		
2	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	62		
3	2-[2-[2-[2-[2-[2-[2-(2-Hvd...	458	C20H42O11	1000352-12-6	62		
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	62		
5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	62		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113390.D
Acq On : 28 Mar 2019 22:56
Operator : JU/SJ
Sample : K2093-20 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

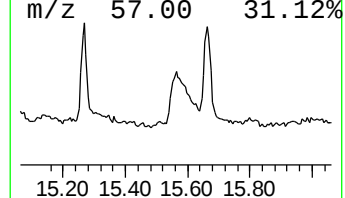
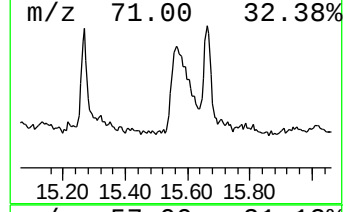
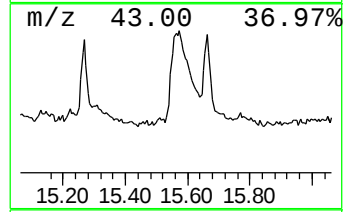
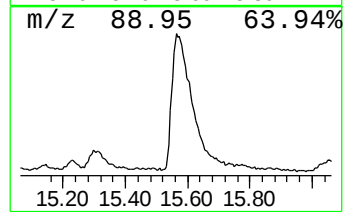
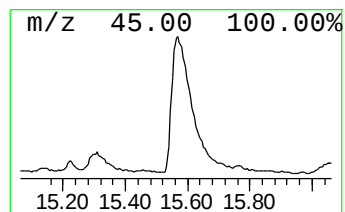
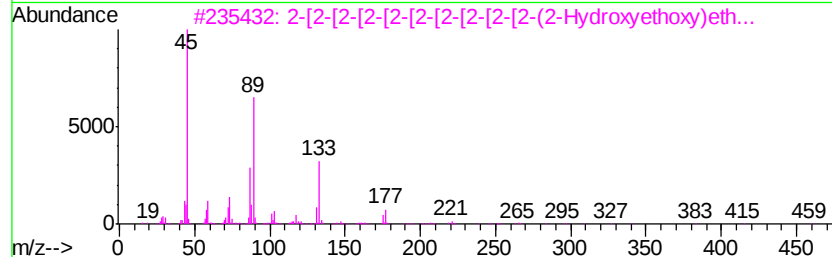
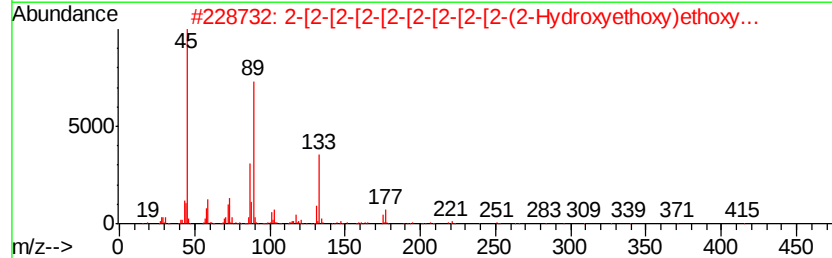
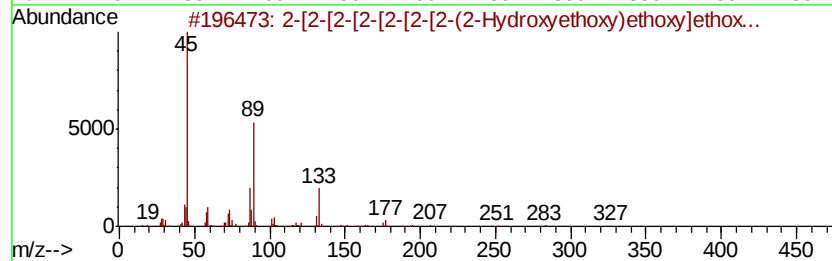
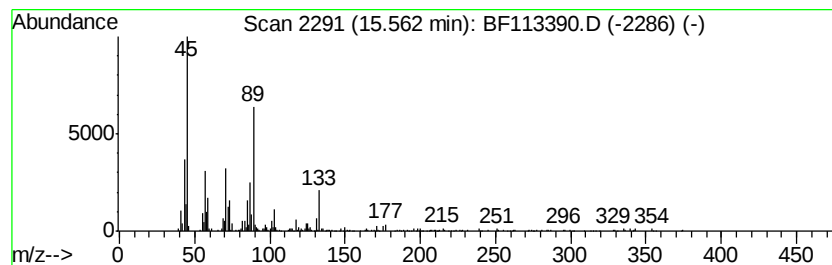
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	13.73 ng	838688	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	87
2	2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	83
3	2	2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	83
4	2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	81
5	2	2-[2-[2-[2-[2-[2-[2-[2-(2-...	546	C24H50O13	1000352-12-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113390.D
 Acq On : 28 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K2093-20 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
Hexanoic acid	4.29	9.3	ng	439685	1	6.70	947717	20.0
1-Hexanol, 2-ethyl-	6.78	14.6	ng	693254	1	6.70	947717	20.0
p-Cresol	7.13	9.1	ng	433000	1	6.70	947717	20.0
Hexanoic acid, 2-...	7.53	112.7	ng	8644820	2	7.99	1534580	20.0
2-Propanol, 1-(2-...	8.23	32.8	ng	2519340	2	7.99	1534580	20.0
1-Propanol, 2-(2-...	8.26	61.8	ng	4739570	2	7.99	1534580	20.0
Hexanoic acid, 2-...	8.35	17.2	ng	1320050	2	7.99	1534580	20.0
unknown8.44	8.44	44.8	ng	3435830	2	7.99	1534580	20.0
Benzoic acid, 4-m...	8.51	15.1	ng	1155280	2	7.99	1534580	20.0
Benzoic acid, p-t...	9.67	10.0	ng	772278	3	9.73	1549930	20.0
Methoxyacetic aci...	10.62	15.9	ng	1035970	4	11.21	1298950	20.0
n-Hexadecanoic acid	11.75	12.2	ng	789056	4	11.21	1298950	20.0
Ethanol, 2-[2-(2-...	11.80	29.4	ng	1911490	4	11.21	1298950	20.0
9,12-Octadecadien...	12.44	14.9	ng	970443	4	11.21	1298950	20.0
Chloroacetic acid...	12.46	15.7	ng	1019710	4	11.21	1298950	20.0
Octadecanoic acid	12.53	22.2	ng	1328050	5	13.84	1194630	20.0
Pentaethylene gly...	12.84	39.5	ng	2359860	5	13.84	1194630	20.0
2-[2-[2-[2-[2-[2-...	13.77	34.6	ng	2066810	5	13.84	1194630	20.0
3,6,9,12,15-Penta...	14.61	29.8	ng	1821490	6	15.24	1221390	20.0
2-[2-[2-[2-[2-[2-...	15.56	13.7	ng	838688	6	15.24	1221390	20.0