

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120944.D
 Acq On : 20 Jul 2020 20:46
 Operator : JU/CG
 Sample : L3329-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-19

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-BF071620.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	5.016	495	498	506	rVB	99777	114936	2.18%	0.338%
2	5.428	563	568	571	rBV	2253041	2024122	38.31%	5.958%
3	6.439	736	740	746	rVB	1409207	1253929	23.73%	3.691%
4	6.645	772	775	780	rBV	106705	103636	1.96%	0.305%
5	6.816	800	804	807	rBV	1333955	1096860	20.76%	3.228%
6	6.992	829	834	838	rBV2	62802	60820	1.15%	0.179%
7	7.381	889	900	903	rBV	2955186	3104799	58.76%	9.138%
8	7.745	957	962	964	rBV	57939	53644	1.02%	0.158%
9	8.004	1000	1006	1008	rBV2	76443	104058	1.97%	0.306%
10	8.098	1015	1022	1025	rBV	1731348	1519580	28.76%	4.473%
11	8.298	1050	1056	1059	rBV5	73507	116063	2.20%	0.342%
12	8.345	1061	1064	1068	rVB3	82630	73421	1.39%	0.216%
13	8.475	1084	1086	1089	rVB2	65500	65031	1.23%	0.191%
14	8.569	1098	1102	1106	rVB2	331935	319591	6.05%	0.941%
15	8.616	1106	1110	1114	rBV6	42432	74620	1.41%	0.220%
16	8.657	1114	1117	1120	rBV	110760	107978	2.04%	0.318%
17	8.722	1125	1128	1131	rBV4	61989	71292	1.35%	0.210%
18	8.763	1132	1135	1138	rBV	89063	72660	1.38%	0.214%
19	8.810	1138	1143	1145	rBV4	38007	68742	1.30%	0.202%
20	8.904	1156	1159	1161	rBV4	55893	66573	1.26%	0.196%
21	8.945	1164	1166	1171	rVB4	90935	130820	2.48%	0.385%
22	8.992	1171	1174	1176	rBV3	47237	60186	1.14%	0.177%
23	9.045	1180	1183	1186	rVB3	87907	96564	1.83%	0.284%
24	9.086	1186	1190	1193	rBV3	79219	122749	2.32%	0.361%
25	9.175	1200	1205	1208	rBV	4364883	4810425	91.04%	14.159%
26	9.275	1219	1222	1224	rBV3	65072	68457	1.30%	0.201%
27	9.339	1231	1233	1237	rBV4	54029	54840	1.04%	0.161%
28	9.416	1244	1246	1248	rBV2	71391	64286	1.22%	0.189%
29	9.439	1248	1250	1252	rVB3	81811	63237	1.20%	0.186%
30	9.569	1269	1272	1275	rVB	821923	585565	11.08%	1.724%
31	9.627	1279	1282	1283	rBV	106858	82655	1.56%	0.243%
32	9.704	1292	1295	1296	rBV	64163	66406	1.26%	0.195%
33	9.751	1301	1303	1306	rBV3	49378	59115	1.12%	0.174%
34	9.851	1316	1320	1324	rBV	1914419	1698559	32.15%	4.999%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.880	1324	1325	1330	rVB	120492	98029	1.86%	0.289%
36	10.010	1345	1347	1352	rVB3	85677	77139	1.46%	0.227%
37	10.057	1352	1355	1362	rVB6	69227	120777	2.29%	0.355%
38	10.110	1362	1364	1368	rBV4	75648	81932	1.55%	0.241%
39	10.169	1370	1374	1376	rBV2	165225	187388	3.55%	0.552%
40	10.351	1402	1405	1407	rBV3	87111	86563	1.64%	0.255%
41	10.463	1422	1424	1427	rBV	380619	299453	5.67%	0.881%
42	10.592	1443	1446	1449	rBV2	103821	135972	2.57%	0.400%
43	10.645	1449	1455	1458	rBV	2867252	3249734	61.50%	9.565%
44	10.974	1509	1511	1514	rBV	119333	106141	2.01%	0.312%
45	11.339	1569	1573	1576	rVB	1977725	1653302	31.29%	4.866%
46	11.880	1662	1665	1668	rBV	506482	456934	8.65%	1.345%
47	12.657	1795	1797	1803	rVB2	246735	228288	4.32%	0.672%
48	12.927	1838	1843	1847	rBV2	4328897	5283830	100.00%	15.552%
49	13.821	1992	1995	2006	rVB	325155	329222	6.23%	0.969%
50	13.974	2017	2021	2024	rVB	1764086	1553874	29.41%	4.574%
51	15.080	2207	2209	2213	rVB	60077	59573	1.13%	0.175%
52	15.421	2262	2267	2271	rBV2	1037039	1276040	24.15%	3.756%
53	15.457	2271	2273	2279	rVB	80701	94421	1.79%	0.278%
54	15.886	2342	2346	2351	rBV	63662	92742	1.76%	0.273%
55	16.380	2426	2430	2436	rVB3	45309	67405	1.28%	0.198%

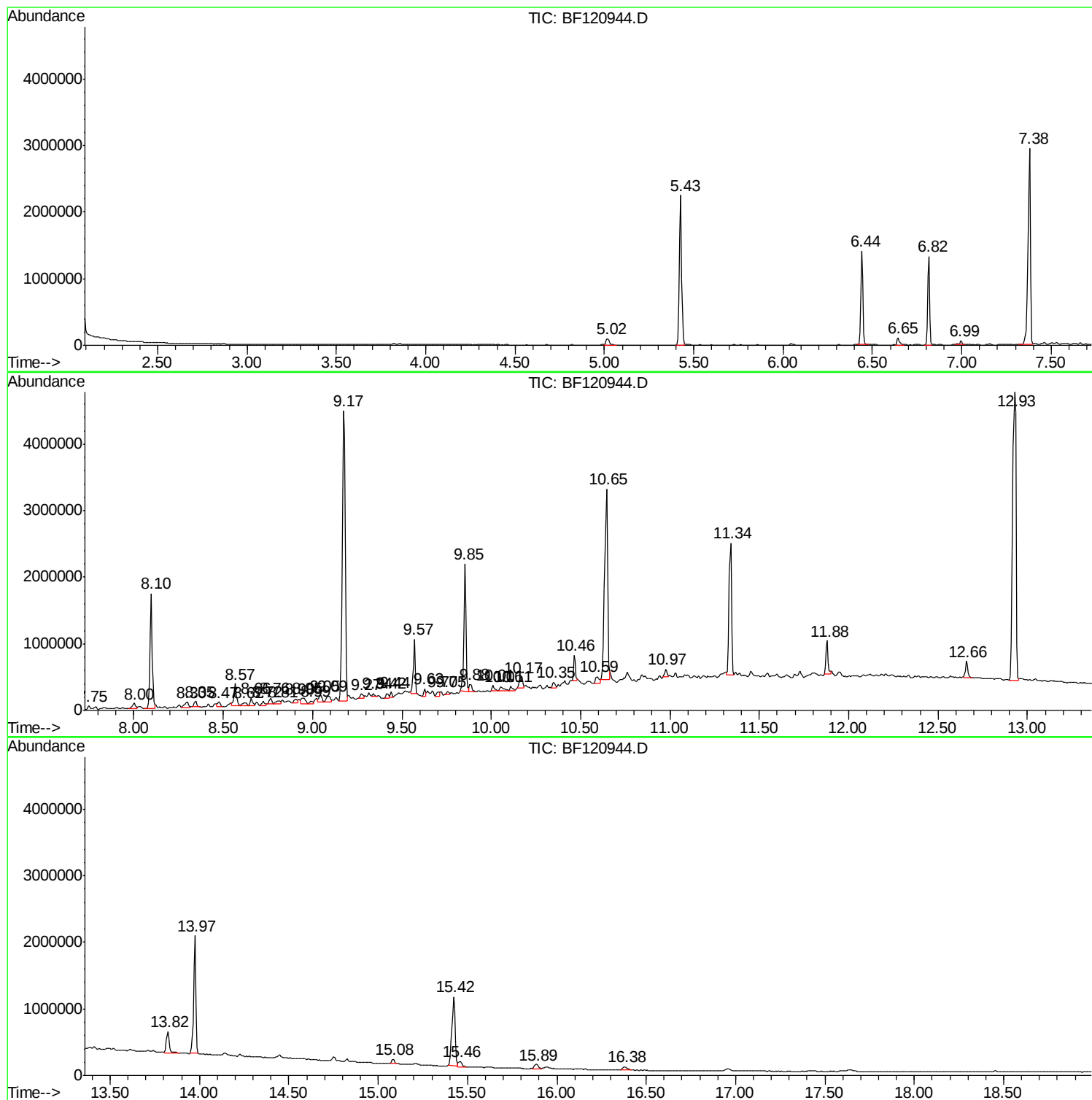
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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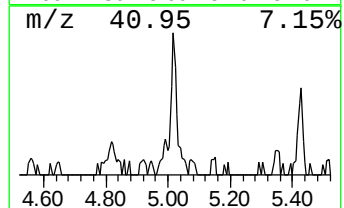
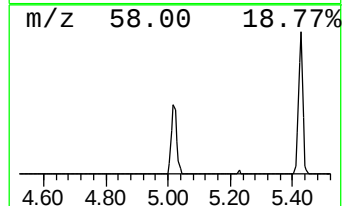
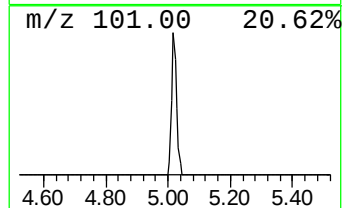
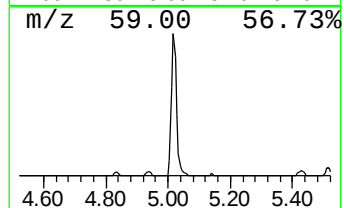
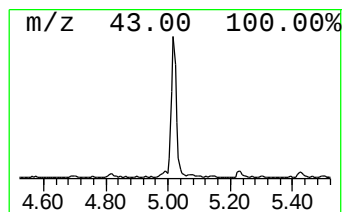
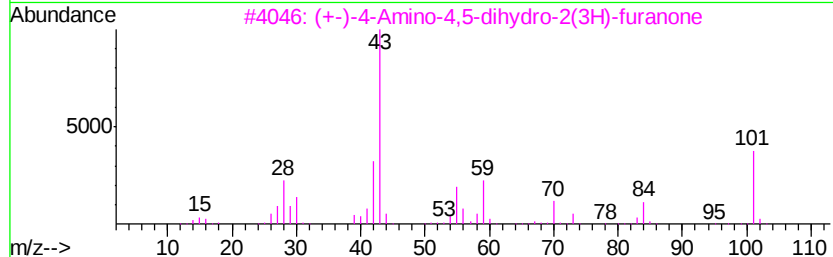
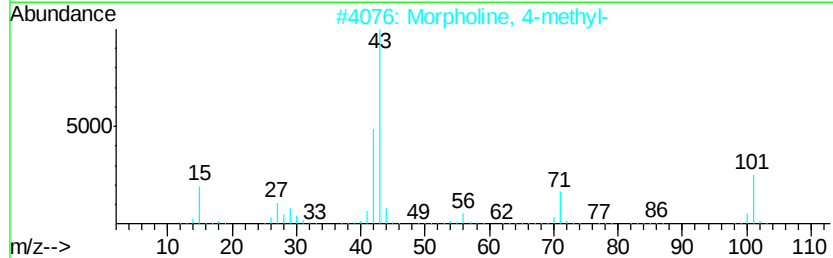
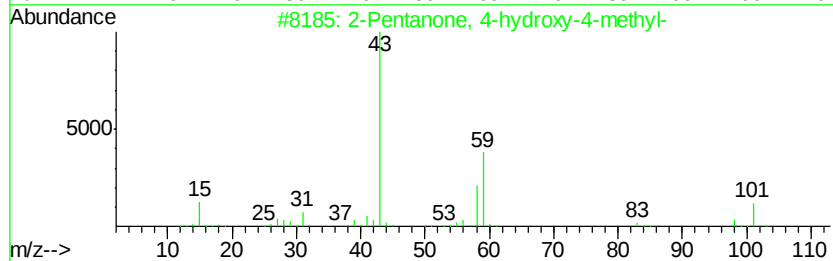
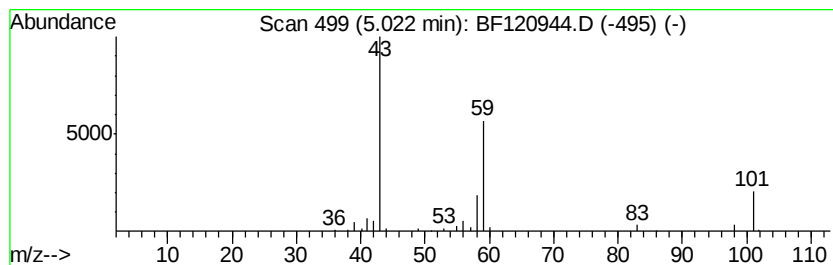
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.10 ng	114936	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
4			Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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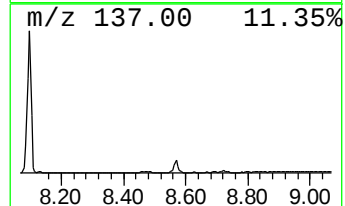
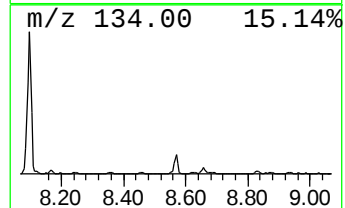
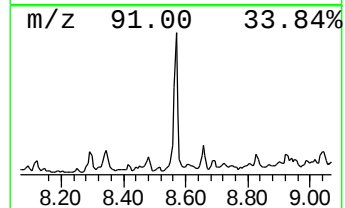
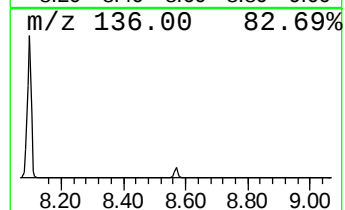
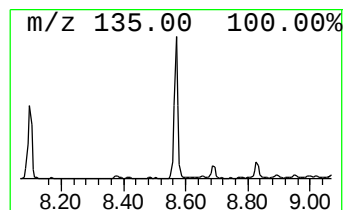
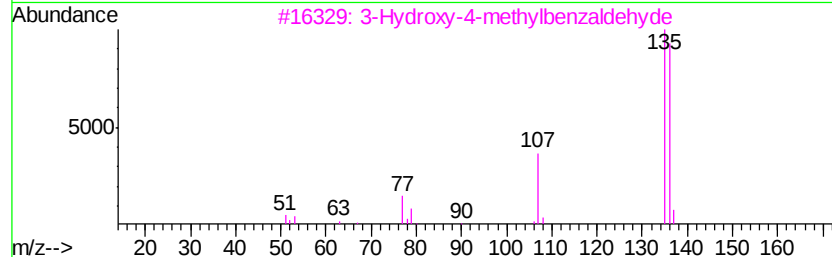
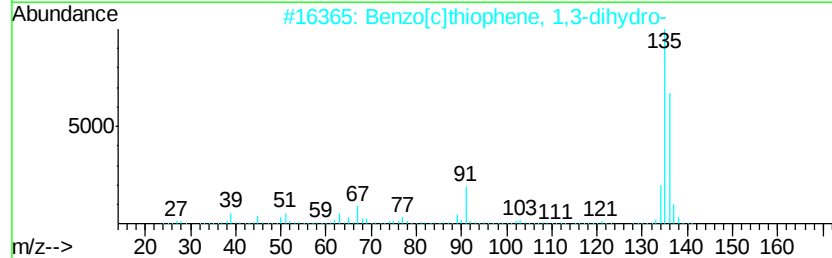
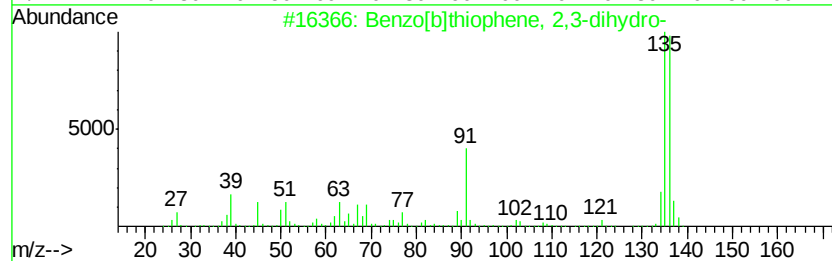
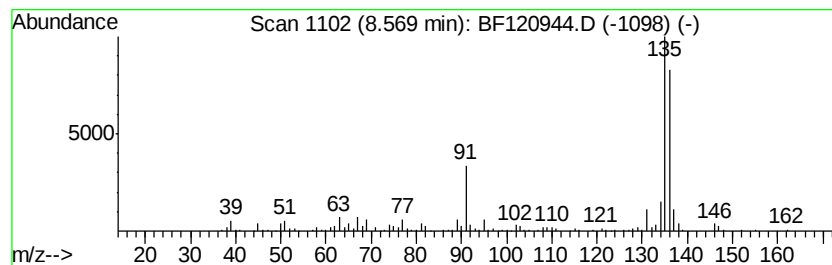
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.21 ng	319591	Napthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2			Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
3			3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72
4			Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
5			Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	64



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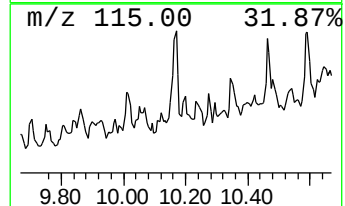
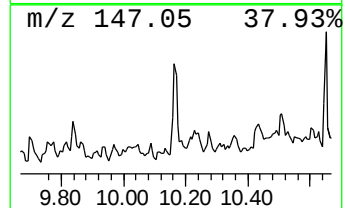
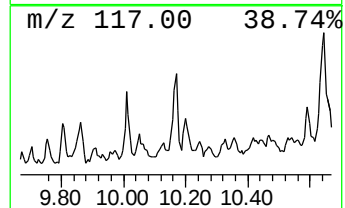
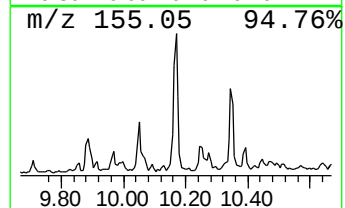
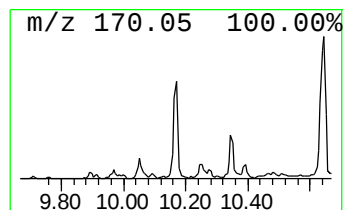
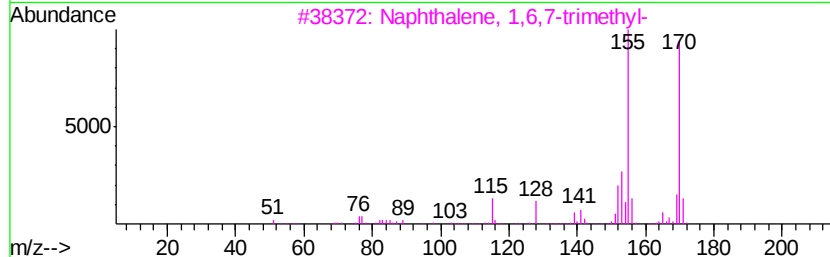
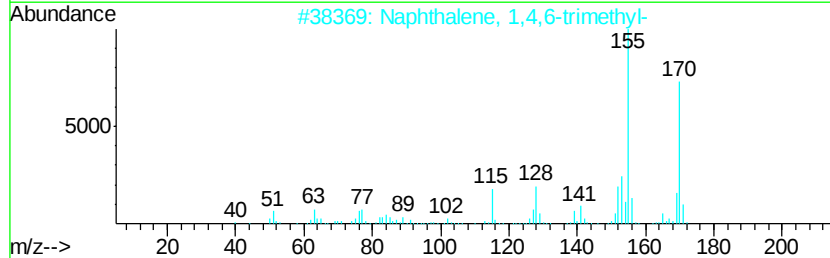
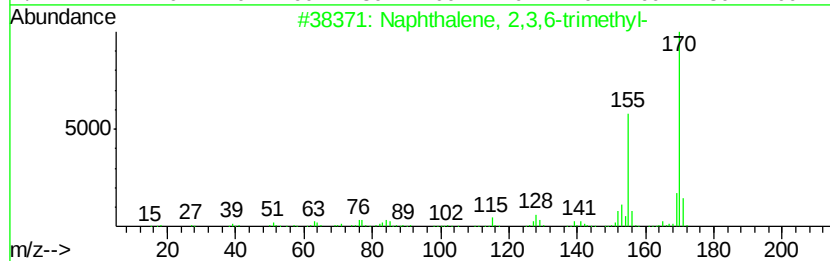
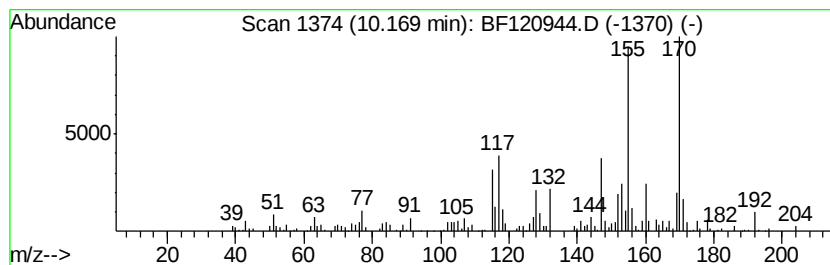
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.17	2.21 ng	187388	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58



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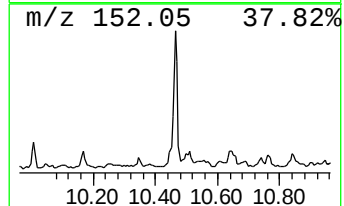
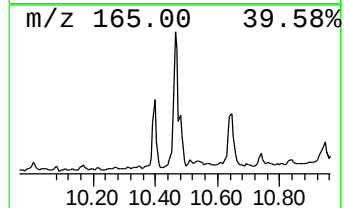
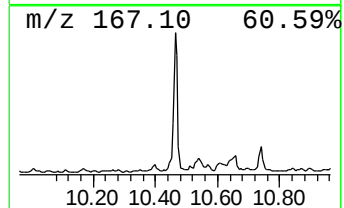
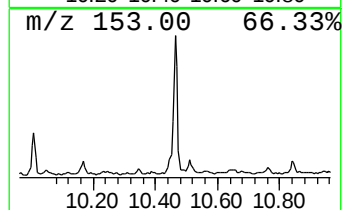
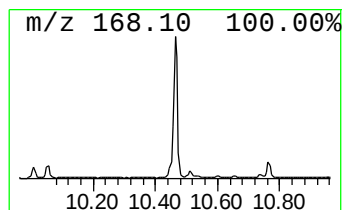
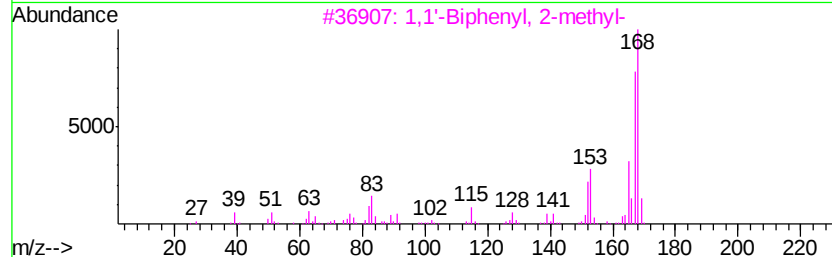
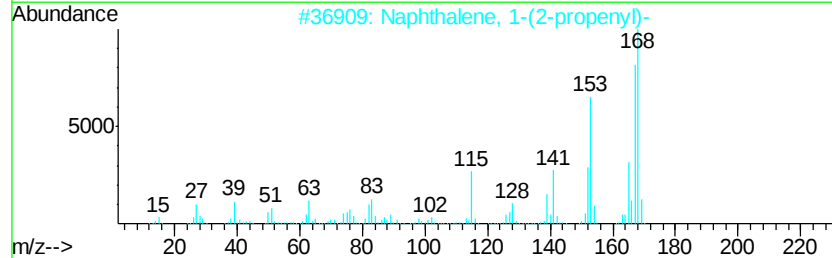
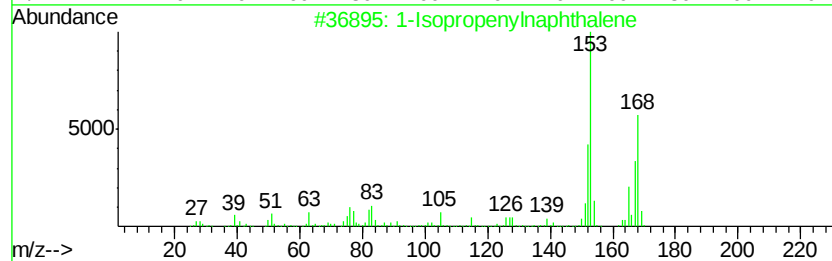
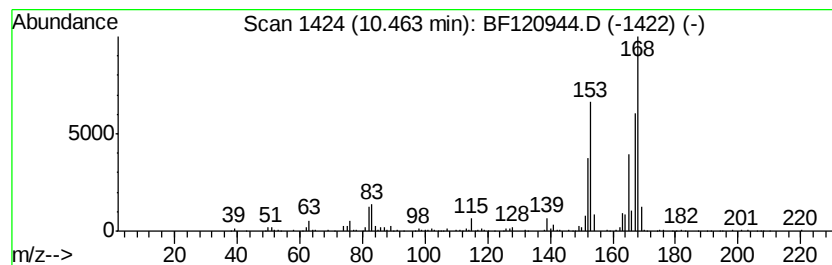
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.53 ng	299453	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58



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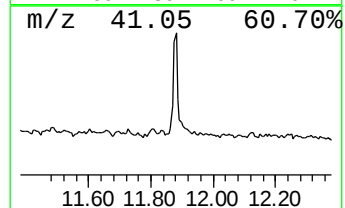
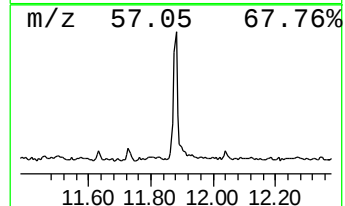
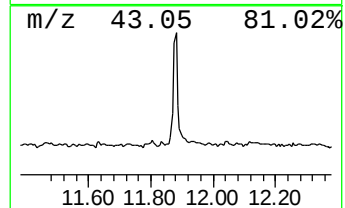
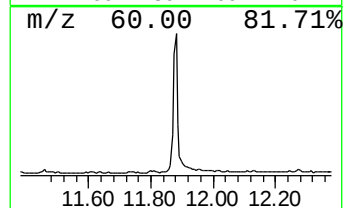
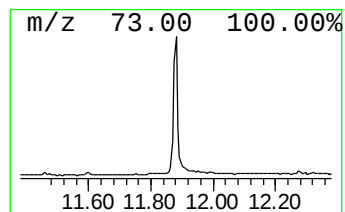
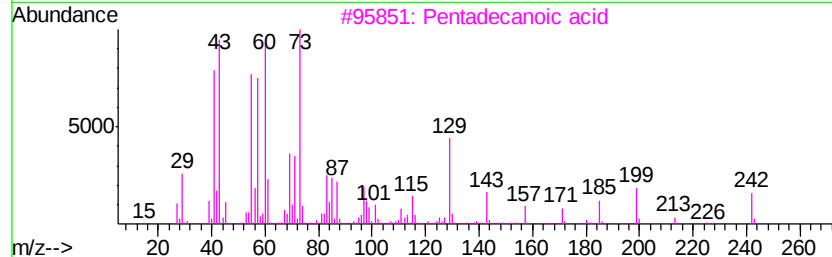
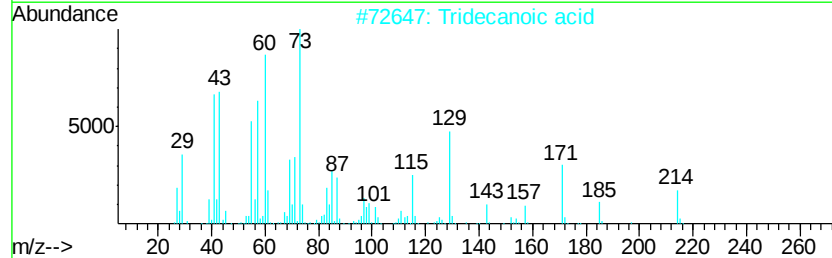
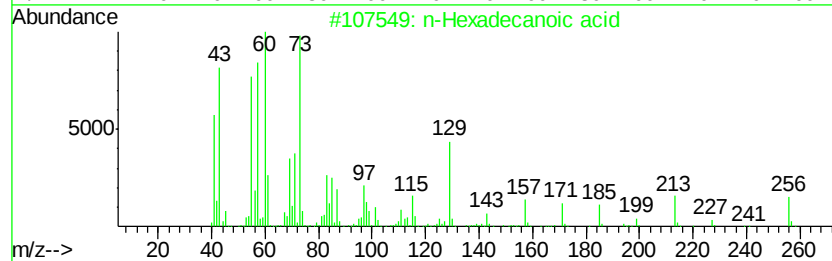
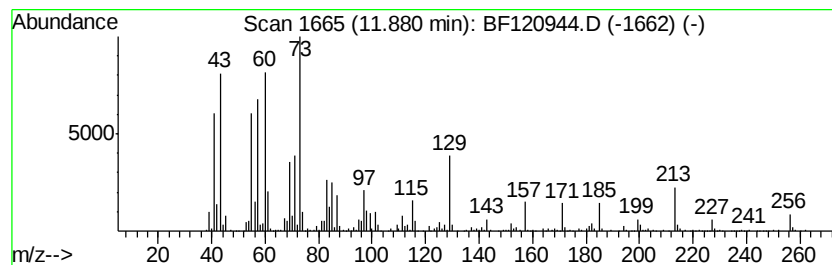
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.53 ng	456934	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120944.D
Acq On : 20 Jul 2020 20:46
Operator : JU/CG
Sample : L3329-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

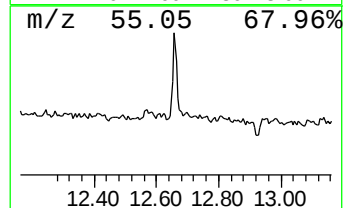
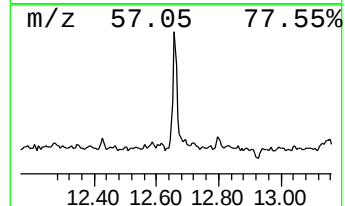
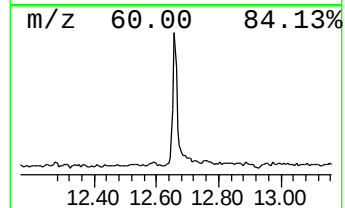
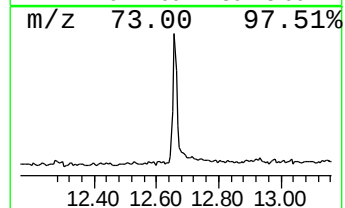
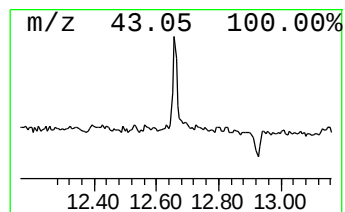
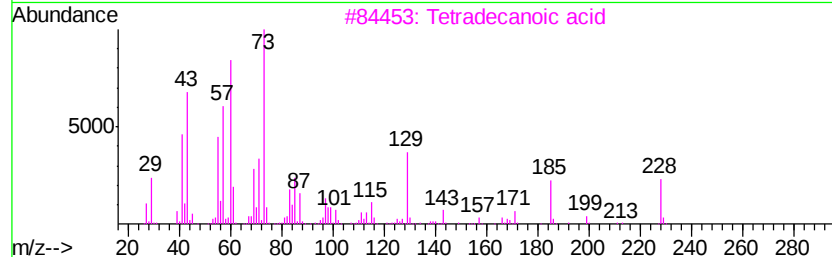
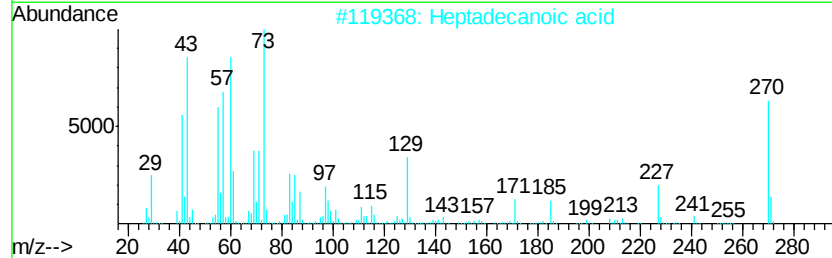
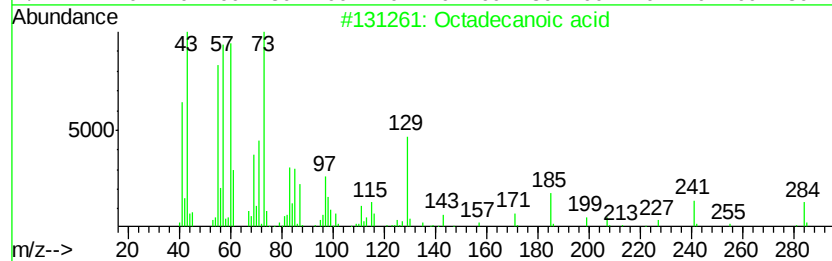
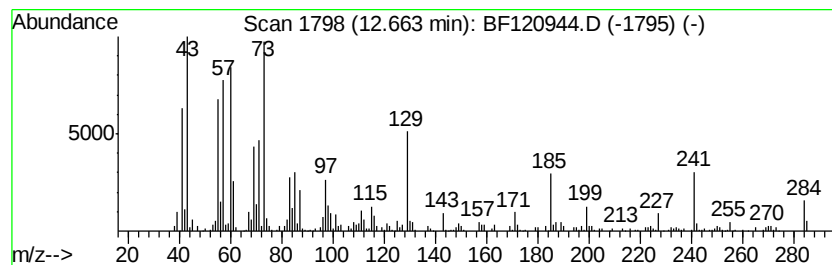
Instrument :
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ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.66	2.94 ng	228288	Chrysene-d12		13.97
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120944.D
Acq On : 20 Jul 2020 20:46
Operator : JU/CG
Sample : L3329-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

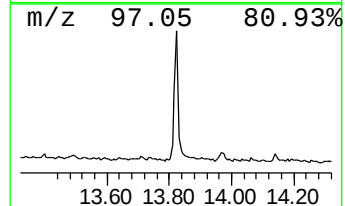
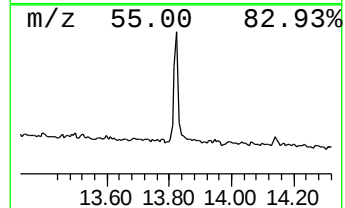
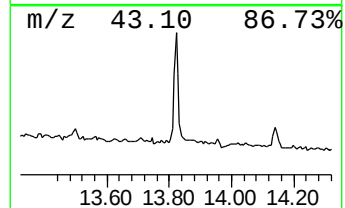
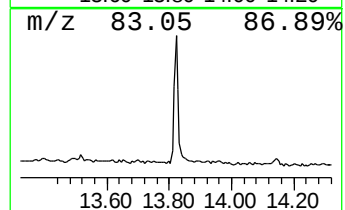
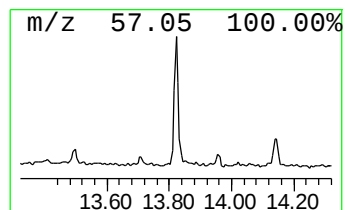
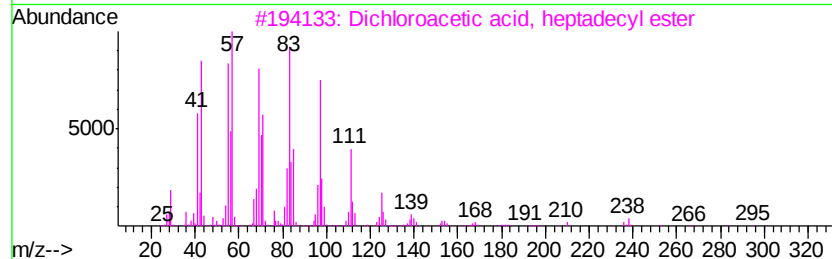
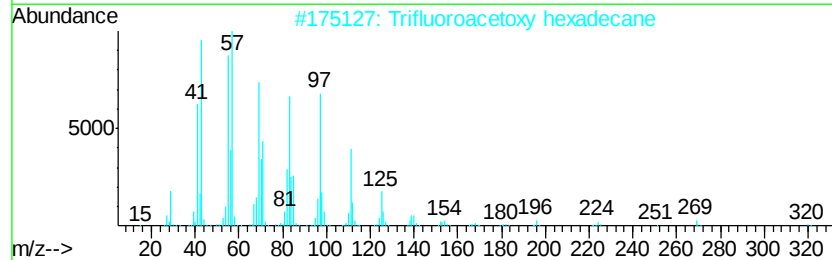
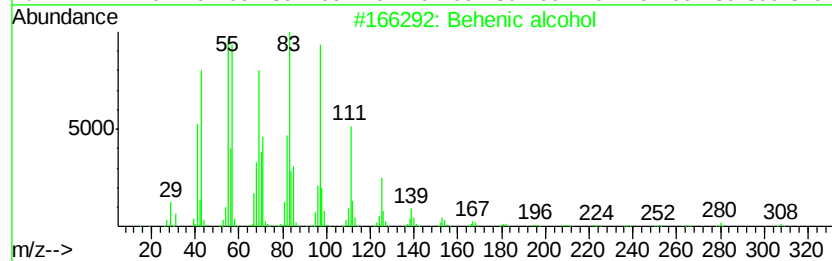
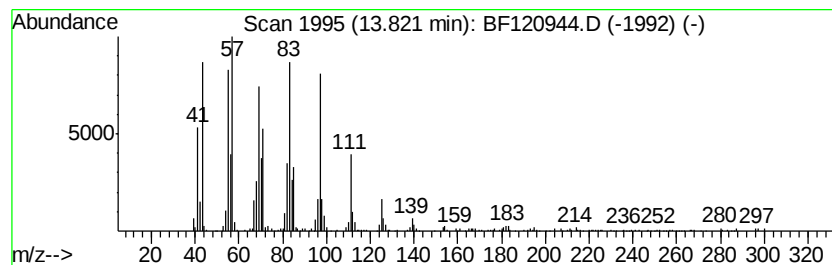
Instrument :
BNA_F
ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	4.24 ng	329222	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072020\
Data File : BF120944.D
Acq On : 20 Jul 2020 20:46
Operator : JU/CG
Sample : L3329-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
2-Pentanone, 4-hy...	5.02	2.1 ng		114936	1	6.82	1096860	20.0
Benzo[b]thiophene...	8.57	4.2 ng		319591	2	8.10	1519580	20.0
Naphthalene, 2,3,...	10.17	2.2 ng		187388	3	9.85	1698560	20.0
1-Isopropenyl naph...	10.46	3.5 ng		299453	3	9.85	1698560	20.0
n-Hexadecanoic acid	11.88	5.5 ng		456934	4	11.34	1653300	20.0
Octadecanoic acid	12.66	2.9 ng		228288	5	13.97	1553870	20.0
Behenic alcohol	13.82	4.2 ng		329222	5	13.97	1553870	20.0