

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121153.D
 Acq On : 31 Jul 2020 12:51
 Operator : JU/CG
 Sample : L3511-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

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	4.998	491	495	503	rVB	43381	52066	1.80%	0.233%
2	5.416	562	566	580	rBV	1873661	1815776	62.91%	8.136%
3	6.434	735	739	752	rBV	1918233	1855414	64.28%	8.313%
4	6.628	769	772	786	rVB2	26057	34290	1.19%	0.154%
5	6.798	797	801	804	rBV	948977	808537	28.01%	3.623%
6	7.357	891	896	899	rBV	1393121	1313851	45.52%	5.887%
7	8.080	1014	1019	1026	rBV	1269725	1093520	37.88%	4.900%
8	9.157	1197	1202	1205	rBV	2774622	2559751	88.68%	11.469%
9	9.551	1265	1269	1273	rBV	275271	239968	8.31%	1.075%
10	9.792	1300	1310	1314	rBV2	76214	221708	7.68%	0.993%
11	9.839	1314	1318	1321	rVB	1351797	1264157	43.80%	5.664%
12	10.269	1384	1391	1394	rBV3	18564	31824	1.10%	0.143%
13	10.627	1447	1452	1464	rBV	1607568	1551872	53.76%	6.953%
14	10.739	1468	1471	1476	rBV2	27318	42939	1.49%	0.192%
15	11.327	1566	1571	1573	rBV	1402905	1367579	47.38%	6.127%
16	11.345	1573	1574	1578	rVB	76186	55085	1.91%	0.247%
17	11.716	1633	1637	1643	rVB2	21725	28901	1.00%	0.129%
18	11.857	1658	1661	1667	rBV2	61594	66830	2.32%	0.299%
19	12.510	1768	1772	1774	rBV	34566	38599	1.34%	0.173%
20	12.539	1774	1777	1780	rVB	112054	99803	3.46%	0.447%
21	12.763	1812	1815	1818	rBV	87011	80765	2.80%	0.362%
22	12.915	1836	1841	1844	rBV	2716782	2886472	100.00%	12.933%
23	13.139	1874	1879	1882	rBV2	45514	53276	1.85%	0.239%
24	13.451	1929	1932	1934	rBV	49881	45107	1.56%	0.202%
25	13.480	1934	1937	1941	rVB2	61029	60684	2.10%	0.272%
26	13.810	1989	1993	2004	rBV	571261	706729	24.48%	3.167%
27	13.968	2014	2020	2023	rBV	1271581	1293222	44.80%	5.794%
28	14.127	2044	2047	2054	rVB	105336	110922	3.84%	0.497%
29	14.433	2096	2099	2108	rBV2	121061	230935	8.00%	1.035%
30	14.733	2147	2150	2154	rBV	90073	90289	3.13%	0.405%
31	14.809	2160	2163	2165	rBV	35658	36716	1.27%	0.165%
32	14.880	2172	2175	2180	rVB	110149	112149	3.89%	0.502%
33	14.998	2192	2195	2198	rBV	38564	46344	1.61%	0.208%
34	15.068	2203	2207	2210	rBV	166996	183663	6.36%	0.823%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP

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	15.104	2210	2213	2218	rVB	91605	131585	4.56%	0.590%
36	15.415	2261	2266	2277	rBV	830958	1178947	40.84%	5.282%
37	15.639	2301	2304	2308	rVB2	55871	70375	2.44%	0.315%
38	15.868	2338	2343	2347	rBV	151814	214105	7.42%	0.959%
39	15.933	2349	2354	2360	rBV3	78010	166443	5.77%	0.746%
40	16.356	2422	2426	2431	rBV2	48283	77606	2.69%	0.348%

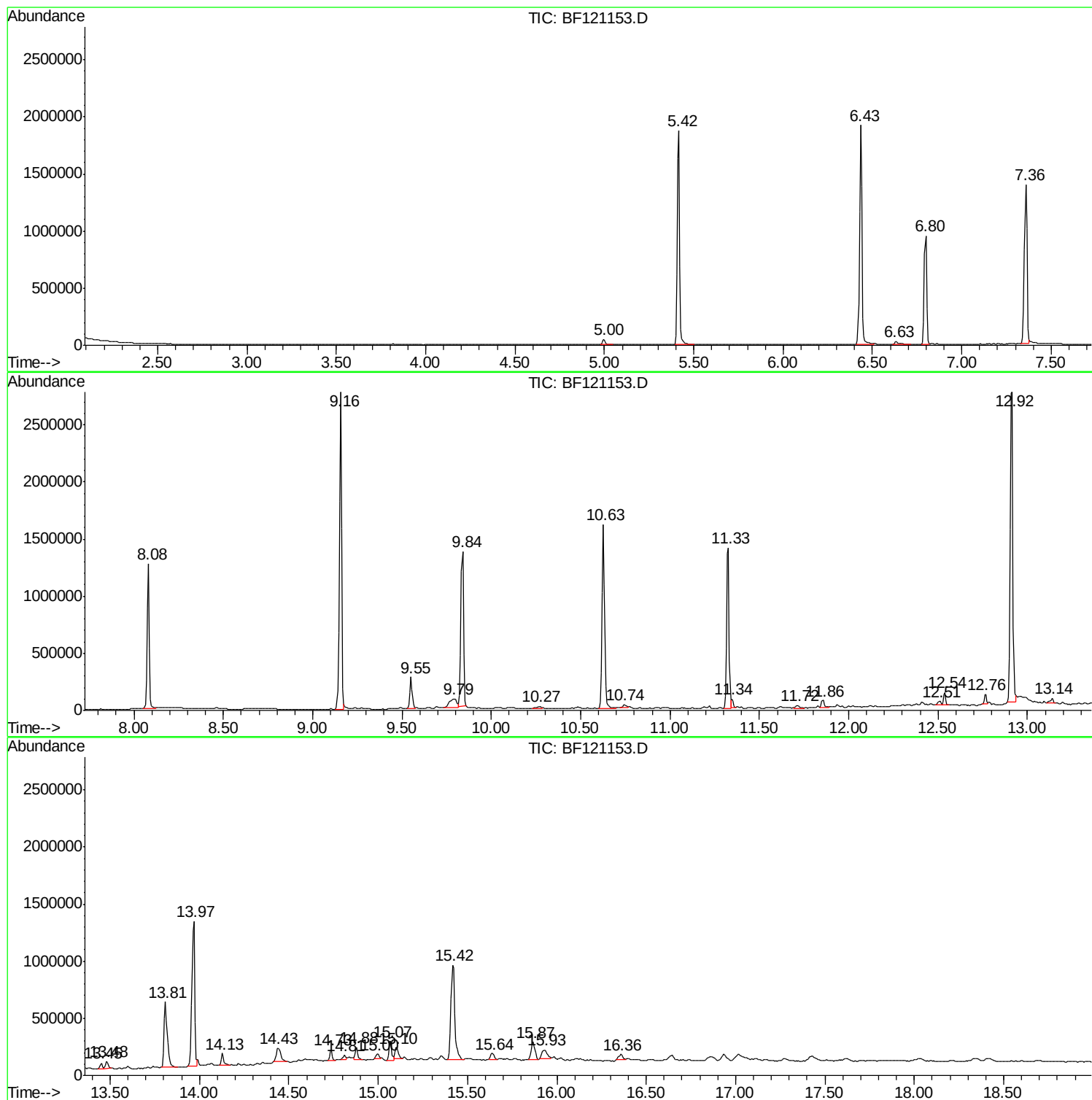
Sum of corrected areas: 22318804

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

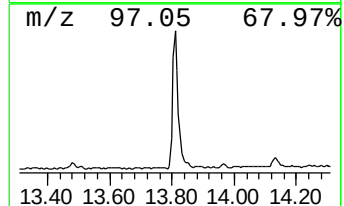
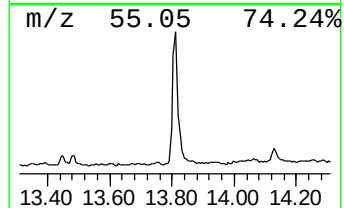
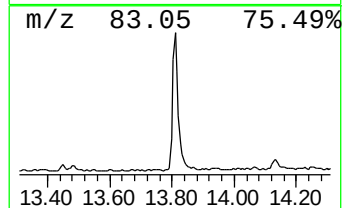
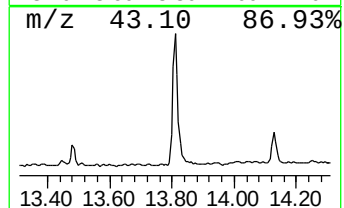
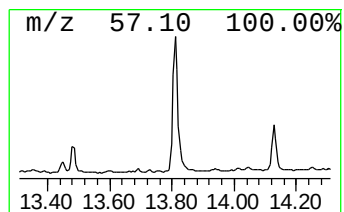
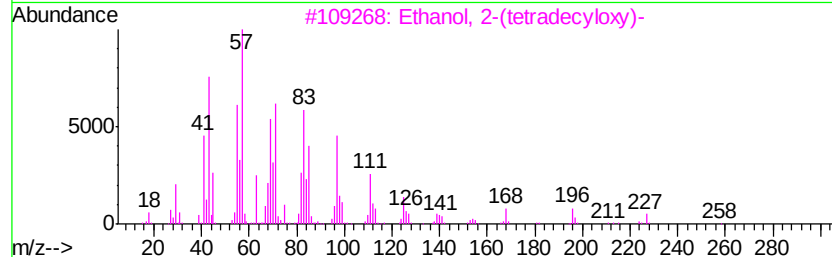
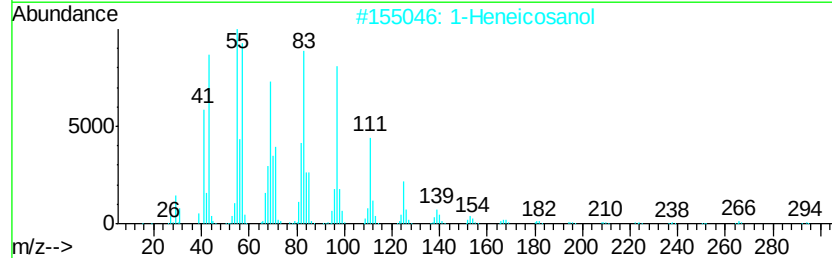
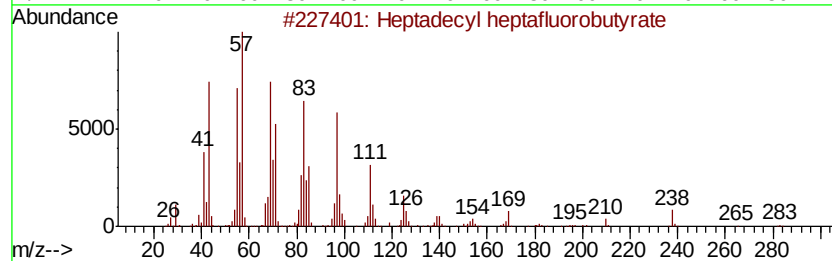
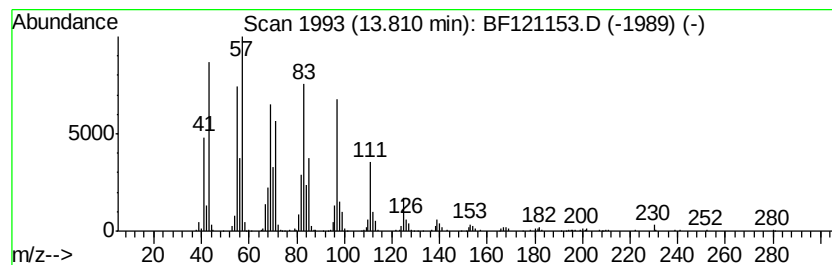
Instrument :
BNA_F
ClientSampleId :
SP

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 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	10.93 ng	706729	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP

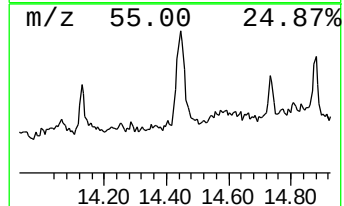
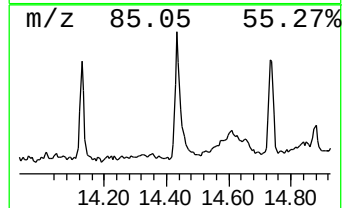
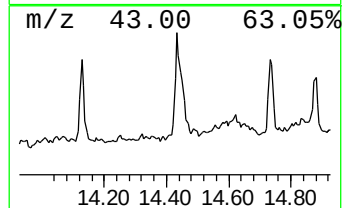
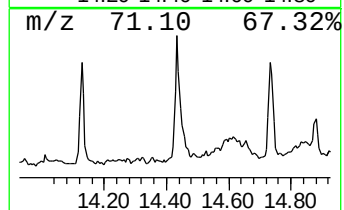
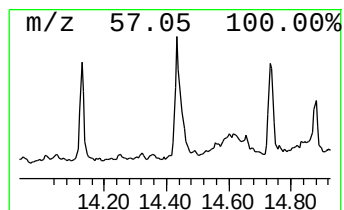
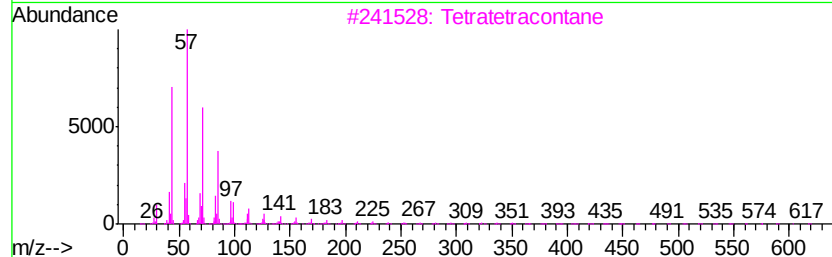
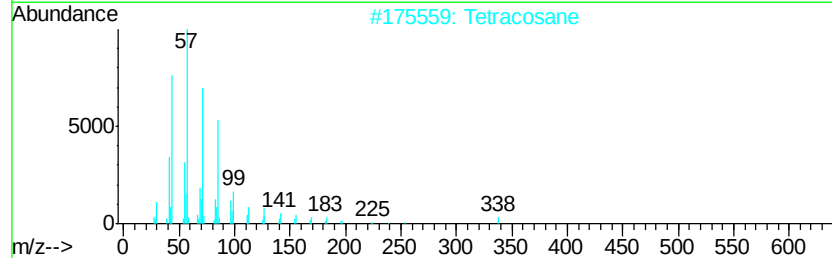
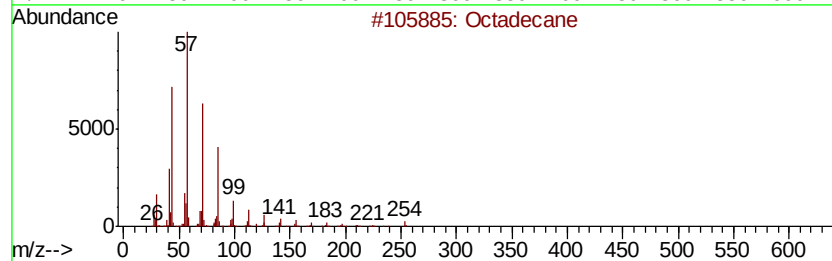
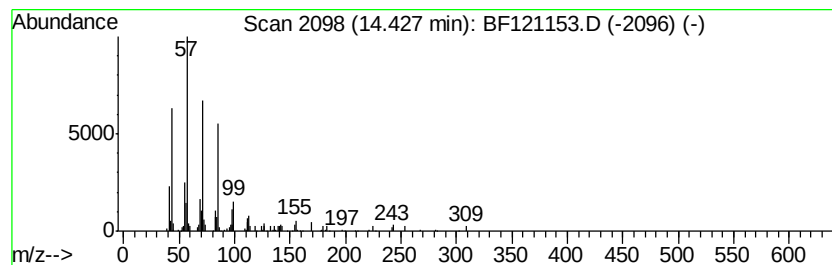
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.57 ng	230935	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

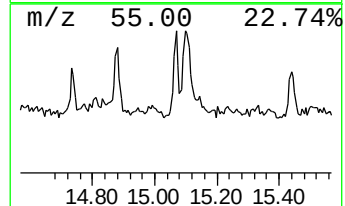
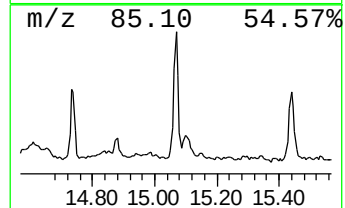
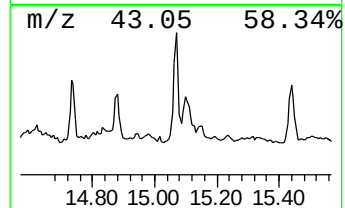
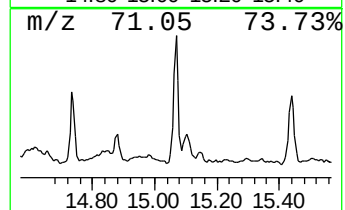
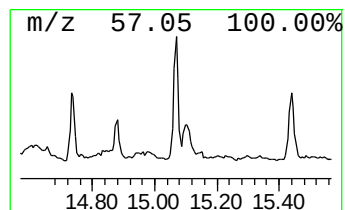
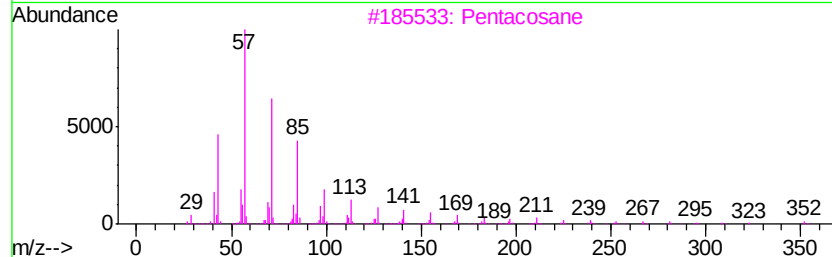
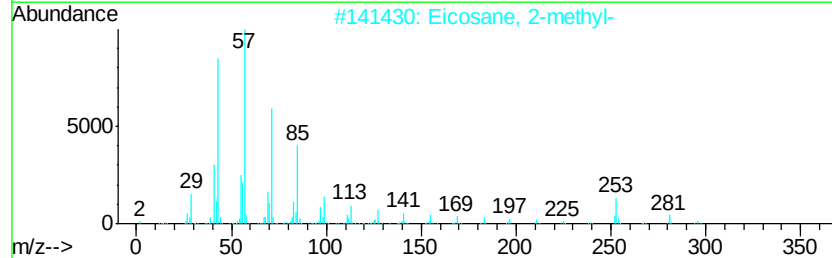
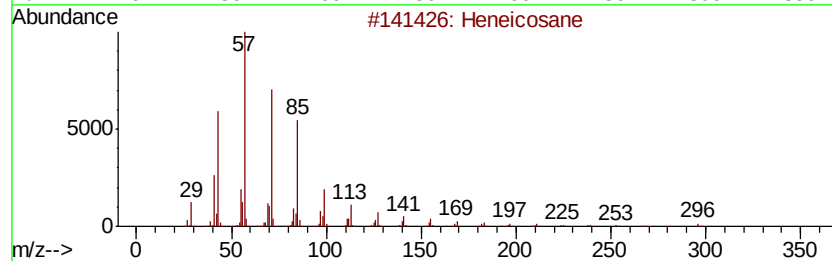
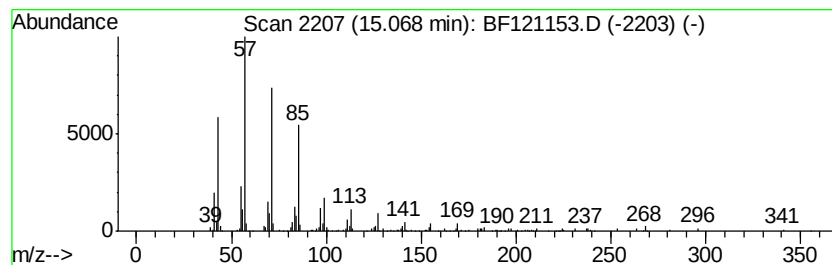
Instrument :
BNA_F
ClientSampleId :
SP

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 3 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.07	3.12 ng	183663	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90
5	Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

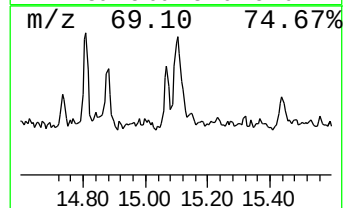
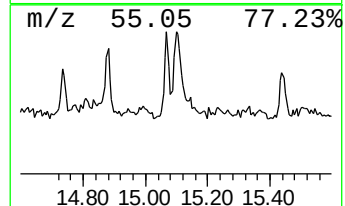
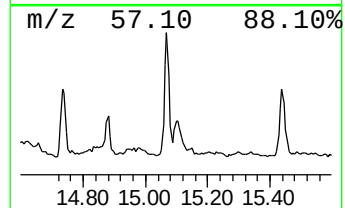
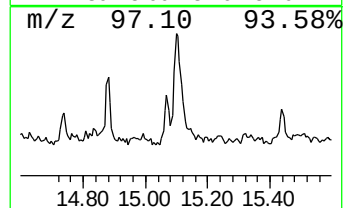
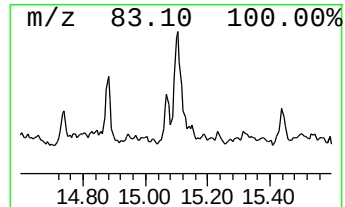
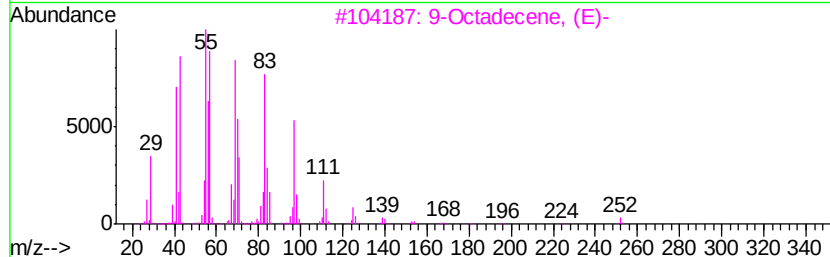
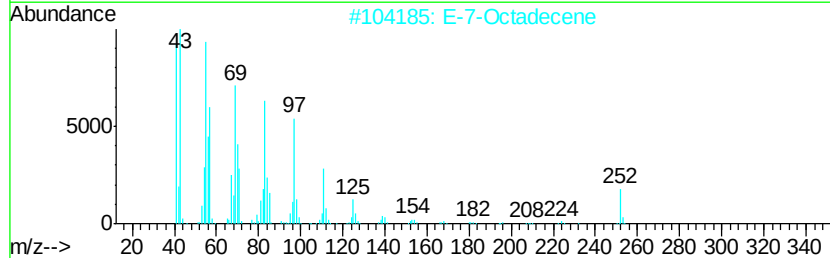
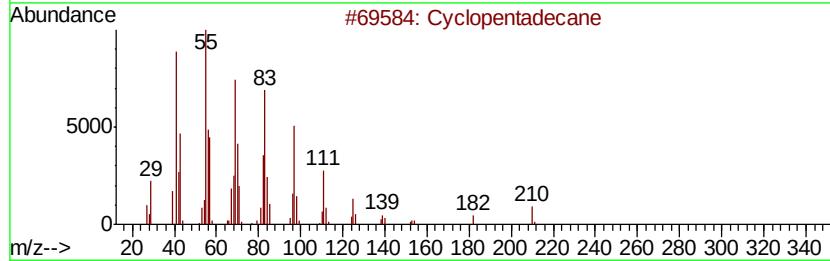
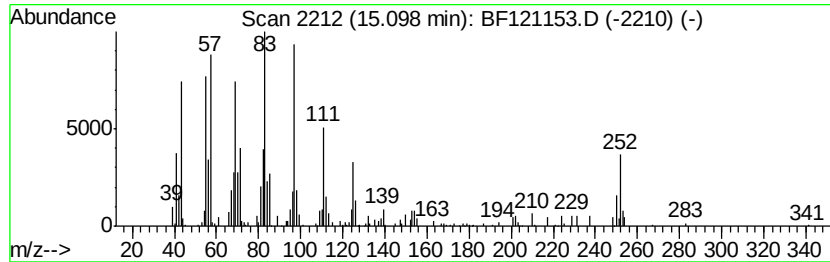
Instrument :
BNA_F
ClientSampleId :
SP

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 4 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.23 ng	131585	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 90
2		E-7-Octadecene	252 C18H36	1000130-92-0 86
3		9-Octadecene, (E)-	252 C18H36	007206-25-9 86
4		Cyclohexadecane	224 C16H32	000295-65-8 78
5		1-Nonadecene	266 C19H38	018435-45-5 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP

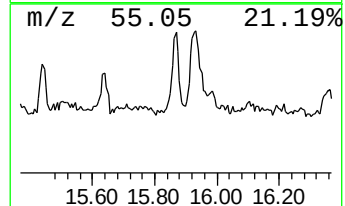
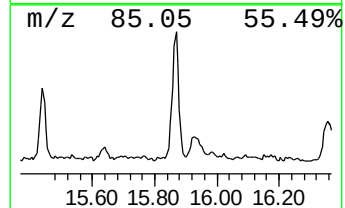
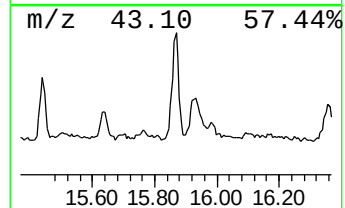
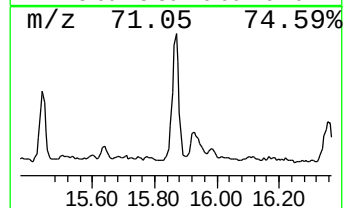
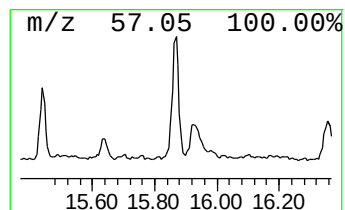
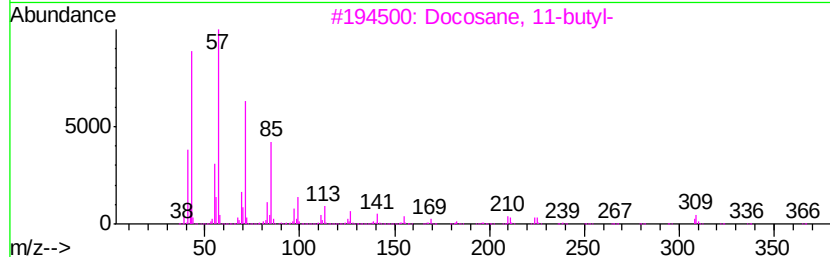
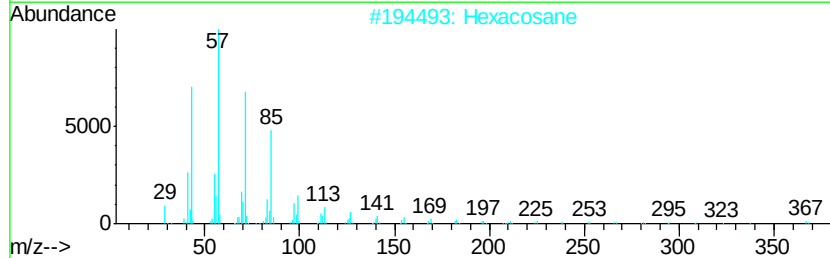
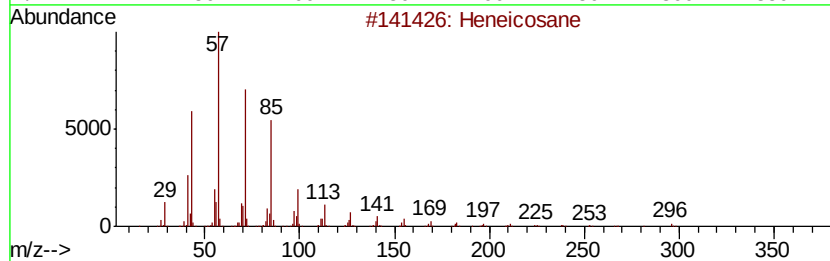
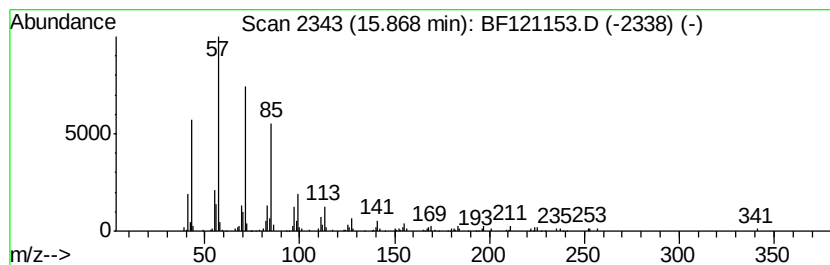
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.63 ng	214105	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

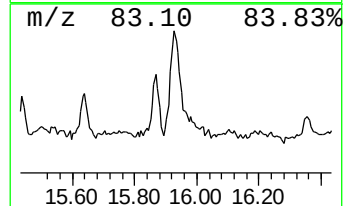
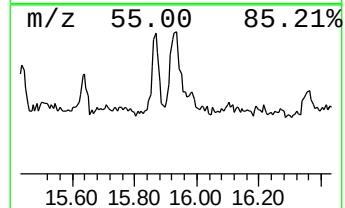
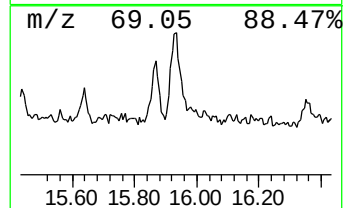
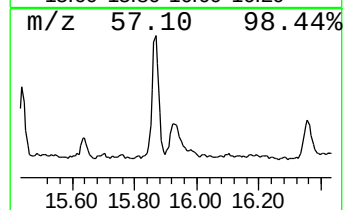
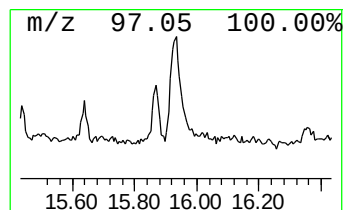
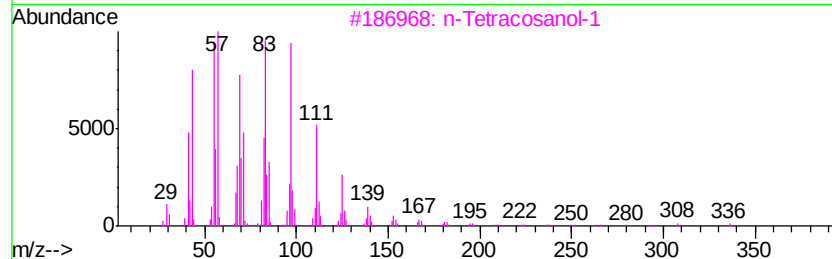
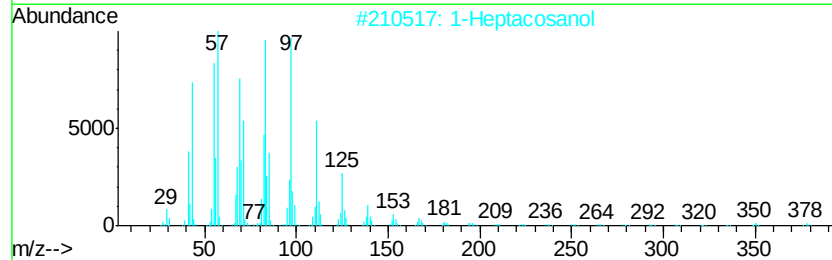
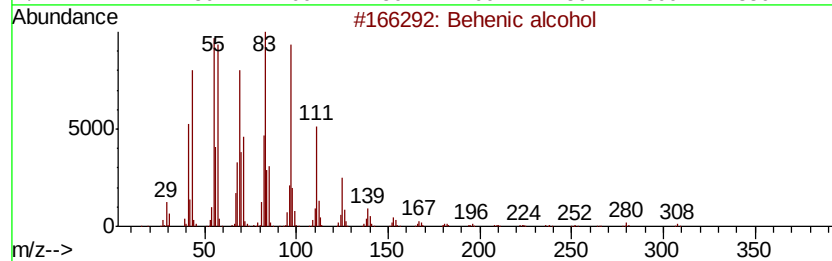
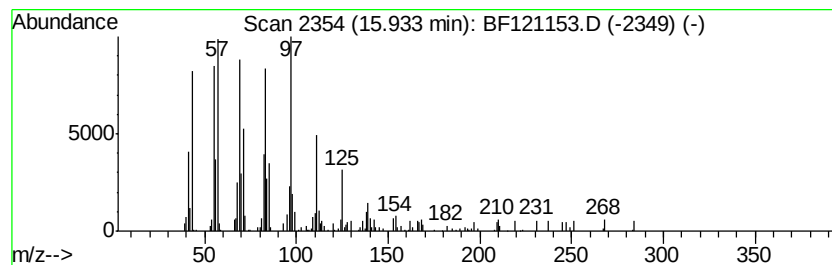
Instrument :
BNA_F
ClientSampleId :
SP

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 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.93	2.82 ng	166443	Perylene-d12		15.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	93
5	Octacosanol	410	C28H58O	000557-61-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP

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
Heptadecyl heptaf...	13.81	10.9	ng	706729	5	13.97	1293220	20.0
Octadecane	14.43	3.6	ng	230935	5	13.97	1293220	20.0
Heneicosane	15.07	3.1	ng	183663	6	15.42	1178950	20.0
Cyclopentadecane	15.10	2.2	ng	131585	6	15.42	1178950	20.0
Hexacosane	15.87	3.6	ng	214105	6	15.42	1178950	20.0
Behenic alcohol	15.93	2.8	ng	166443	6	15.42	1178950	20.0