

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118875.D
 Acq On : 10 Feb 2020 18:15
 Operator : CG/JU
 Sample : L1473-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

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-BF020320.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	5.434	565	569	585	rBV	3339149	3396461	61.75%	8.635%
2	6.445	737	741	762	rBV	3091845	3345120	60.82%	8.504%
3	6.810	800	803	807	rBV	1242278	1050611	19.10%	2.671%
4	6.969	826	830	834	rBV	3626410	3035734	55.19%	7.718%
5	7.369	894	898	902	rBV	2270122	2207027	40.13%	5.611%
6	8.092	1017	1021	1027	rBV	1430942	1299320	23.62%	3.303%
7	9.169	1200	1204	1220	rBV	4415082	4411573	80.21%	11.216%
8	9.563	1266	1271	1281	rVB	157535	175026	3.18%	0.445%
9	9.845	1315	1319	1332	rBV	1619008	1718070	31.24%	4.368%
10	10.633	1449	1453	1469	rBV	3384017	3500927	63.65%	8.901%
11	10.745	1469	1472	1483	rVB2	41039	65314	1.19%	0.166%
12	11.333	1568	1572	1579	rBV	2037140	1962757	35.69%	4.990%
13	11.863	1658	1662	1674	rBV2	489205	559688	10.18%	1.423%
14	12.139	1706	1709	1713	rVB	204928	174709	3.18%	0.444%
15	12.645	1791	1795	1808	rBV	129228	190173	3.46%	0.483%
16	12.916	1836	1841	1844	rBV	6035796	5500197	100.00%	13.983%
17	12.969	1847	1850	1855	rVB	102532	83004	1.51%	0.211%
18	13.151	1875	1881	1888	rBV2	55908	73234	1.33%	0.186%
19	13.386	1917	1921	1928	rVB4	40313	79405	1.44%	0.202%
20	13.492	1932	1939	1941	rBV2	97037	100600	1.83%	0.256%
21	13.816	1990	1994	2005	rBV	487947	700982	12.74%	1.782%
22	13.968	2014	2020	2027	rBV	1993474	2026247	36.84%	5.151%
23	14.133	2043	2048	2052	rBV	203211	189324	3.44%	0.481%
24	14.439	2096	2100	2111	rBV	231690	296105	5.38%	0.753%
25	14.739	2145	2151	2156	rVB	251114	263581	4.79%	0.670%
26	15.068	2203	2207	2211	rBV	255186	290379	5.28%	0.738%
27	15.415	2260	2266	2278	rBV	1246780	2031958	36.94%	5.166%
28	15.862	2337	2342	2348	rBV	162400	243430	4.43%	0.619%
29	15.939	2350	2355	2361	rVV7	32308	69968	1.27%	0.178%
30	16.357	2421	2426	2430	rBV	84312	153045	2.78%	0.389%
31	16.933	2521	2524	2530	rVB2	40426	69812	1.27%	0.177%
32	18.415	2772	2776	2790	rVB2	22387	69831	1.27%	0.178%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

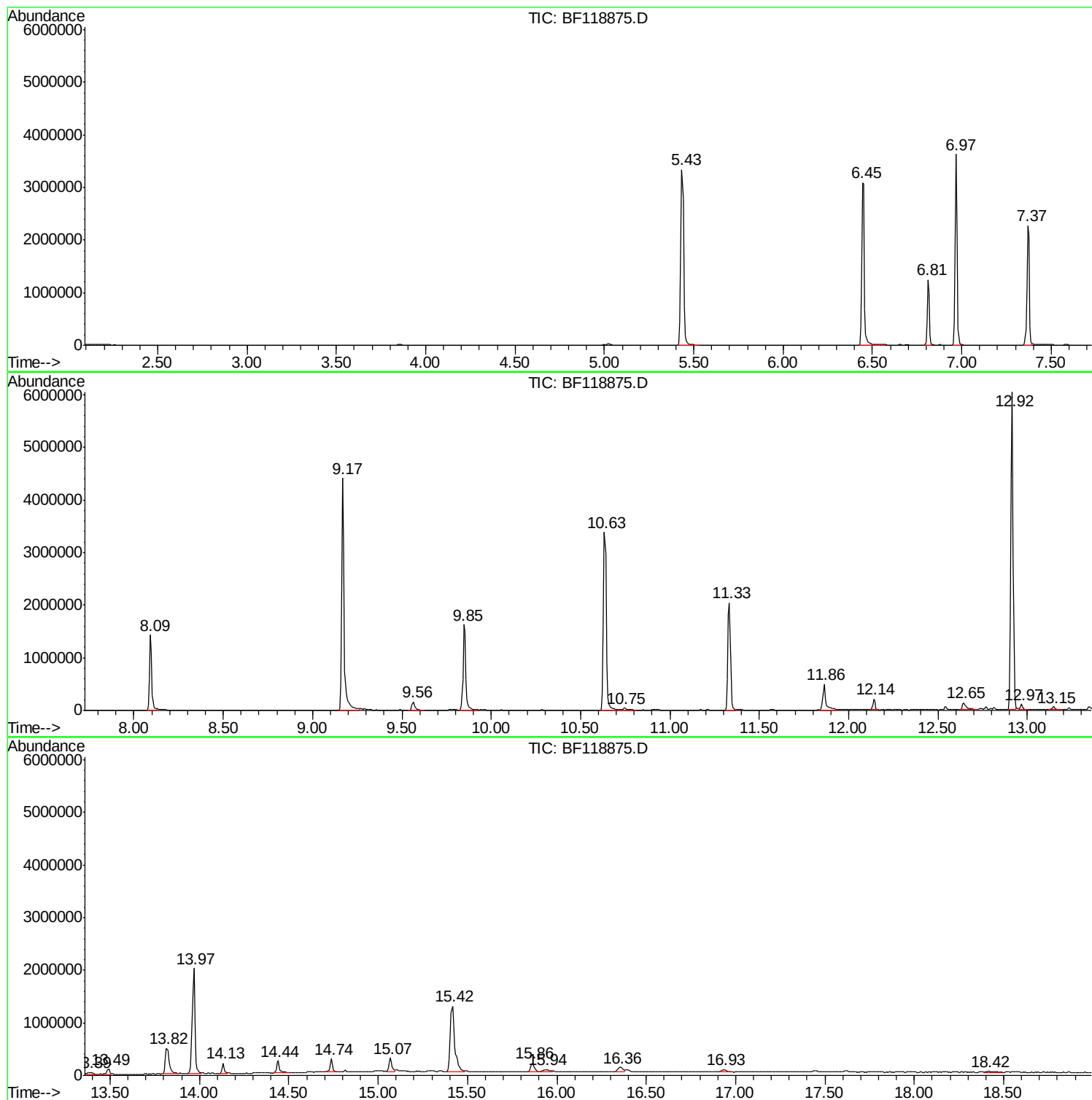
Sum of corrected areas: 39333612

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.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\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

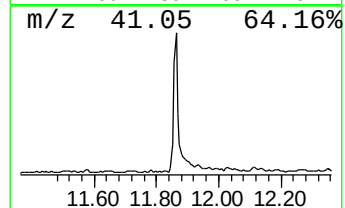
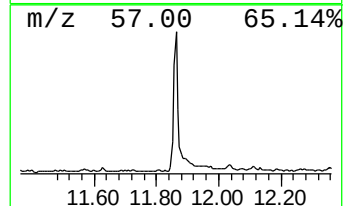
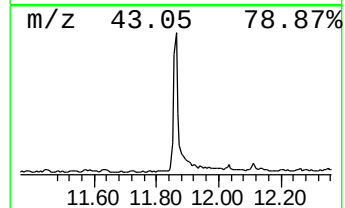
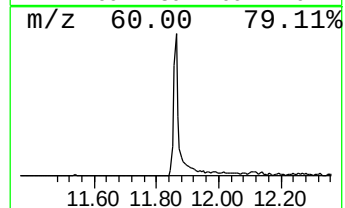
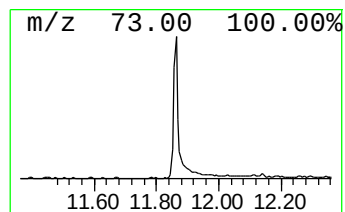
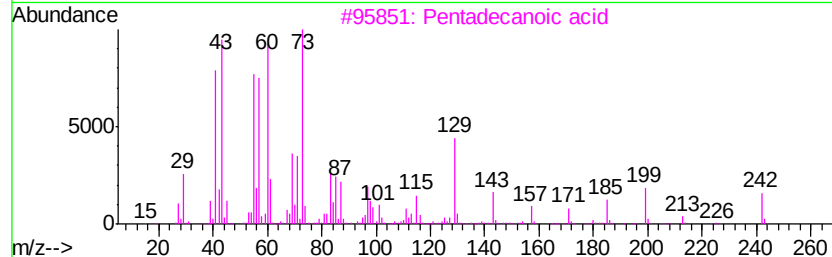
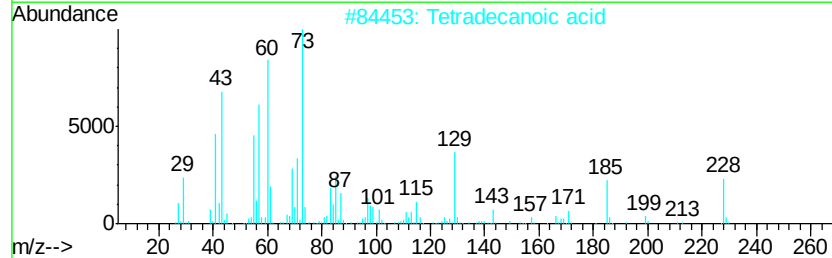
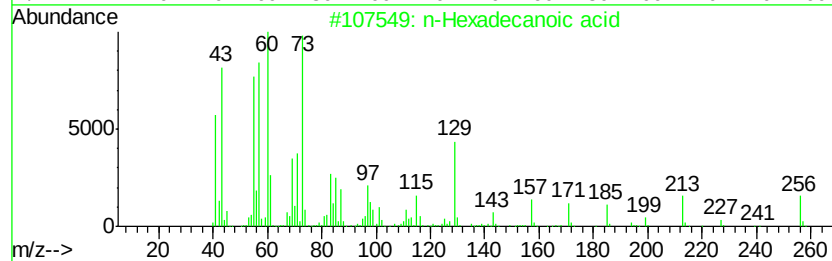
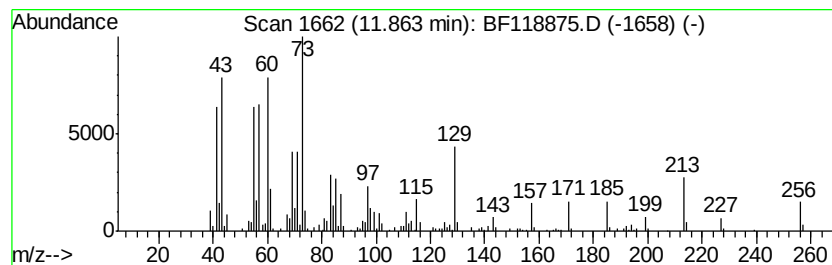
Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	5.70 ng	559688	Phenanthrene-d10		11.33
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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

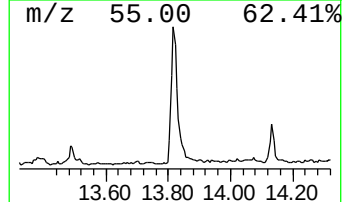
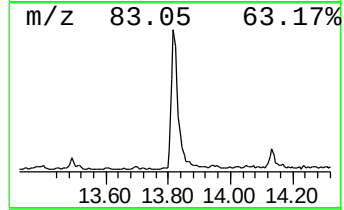
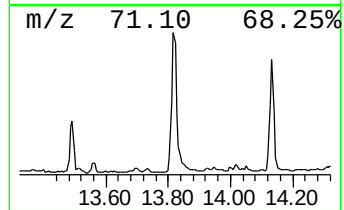
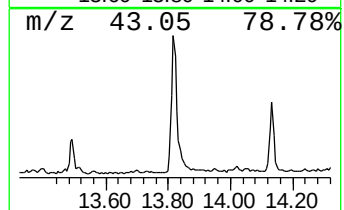
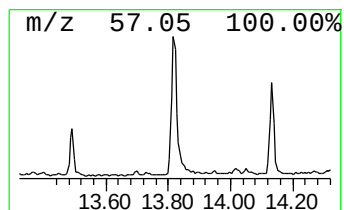
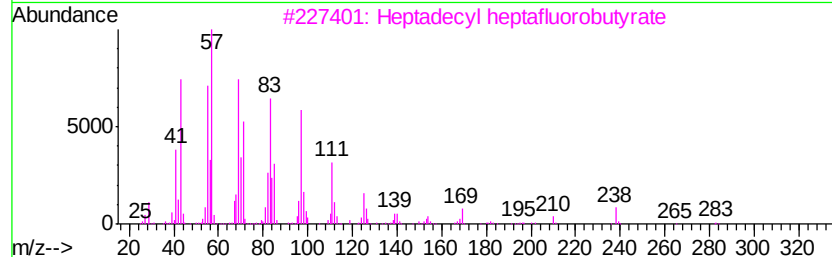
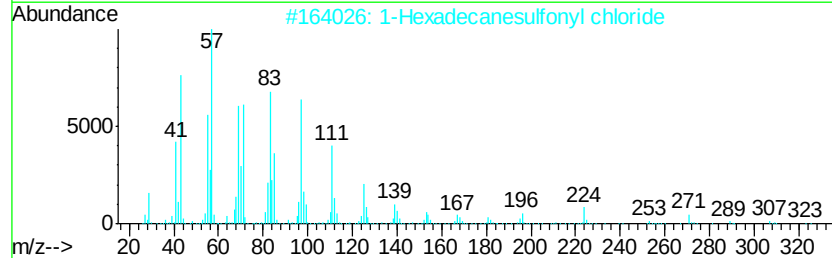
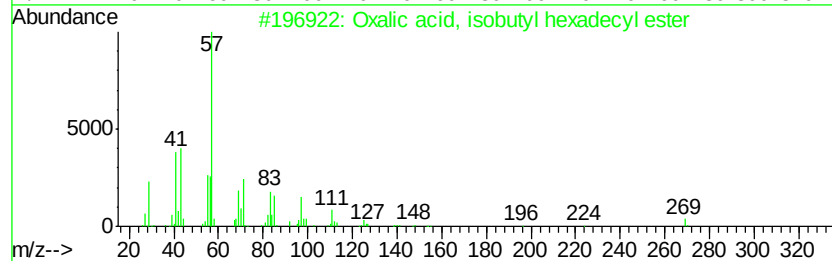
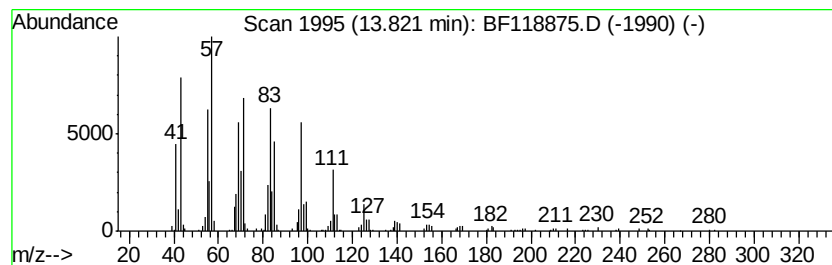
Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Oxalic acid, isobutyl hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.82	6.92 ng	700982	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

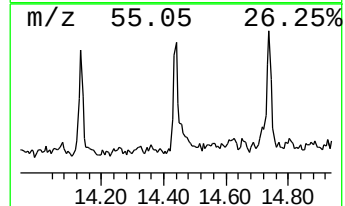
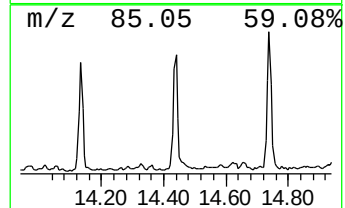
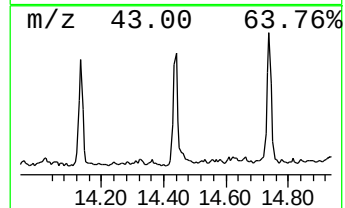
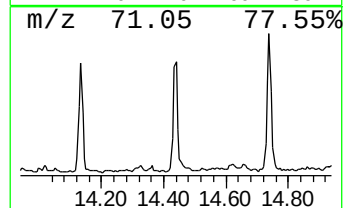
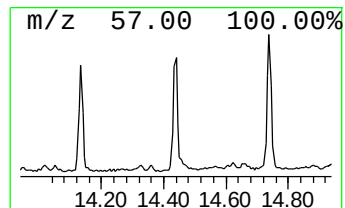
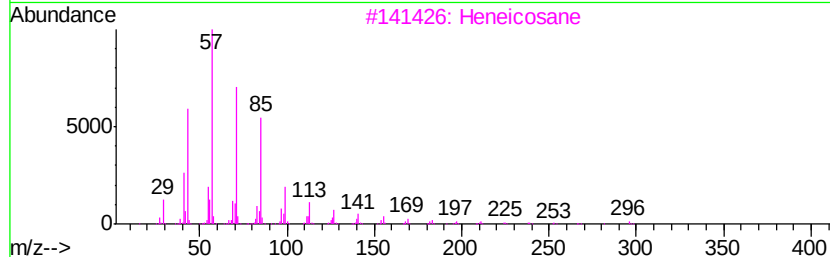
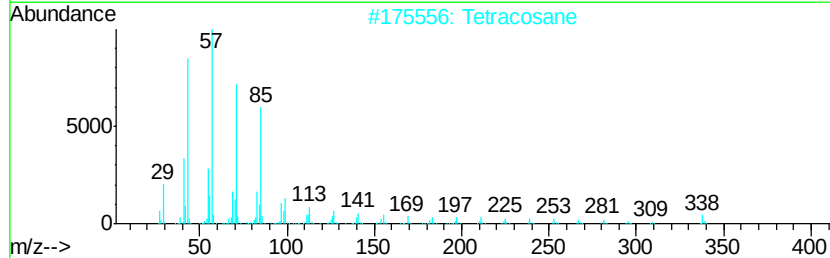
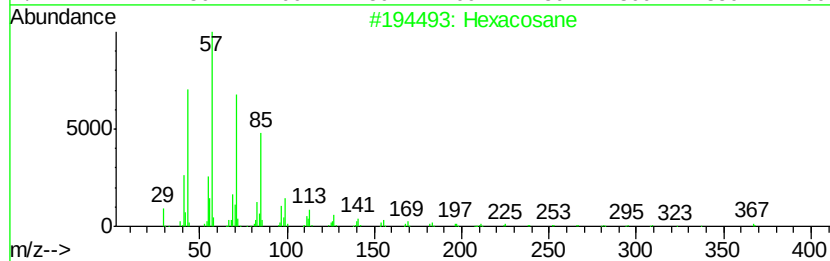
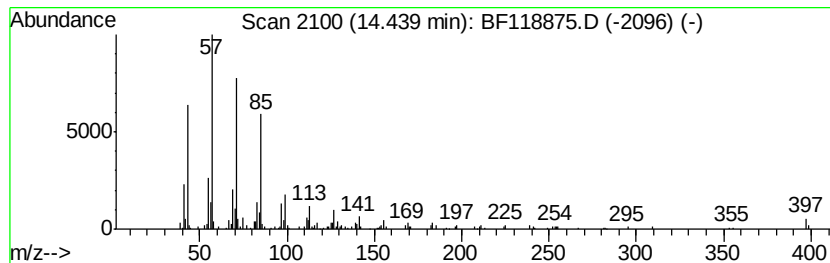
Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.92 ng	296105	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Tetracosane	338 C24H50	000646-31-1	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1

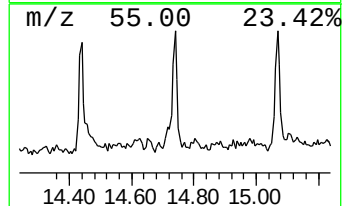
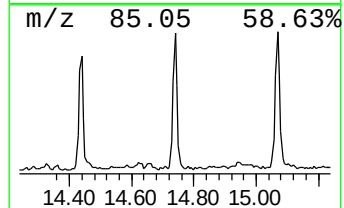
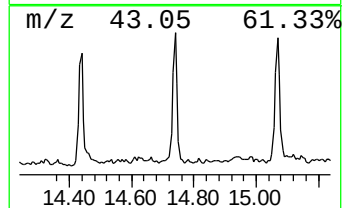
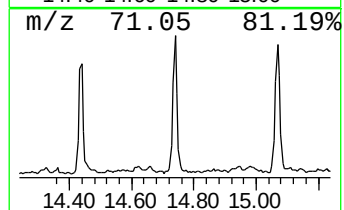
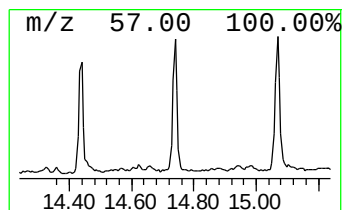
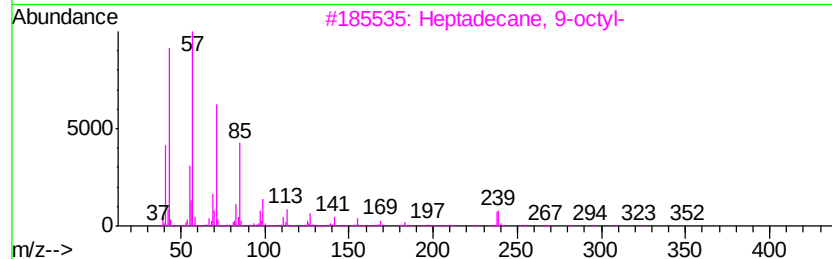
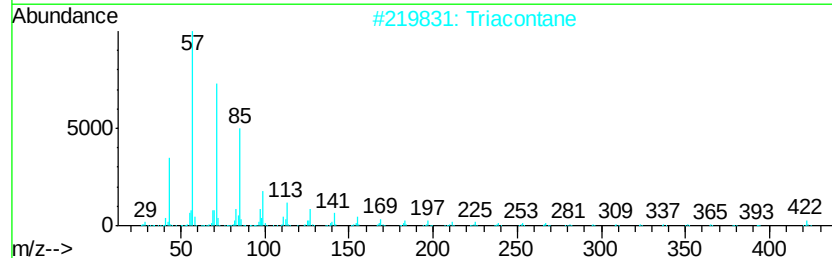
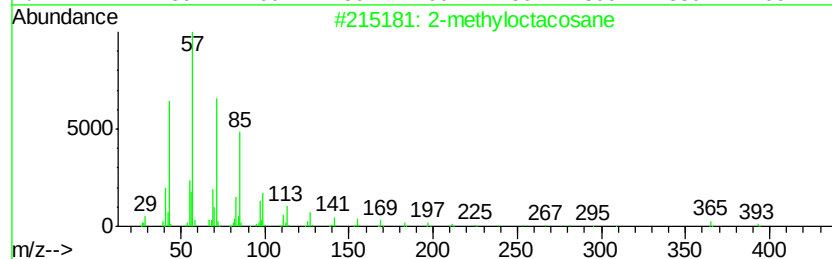
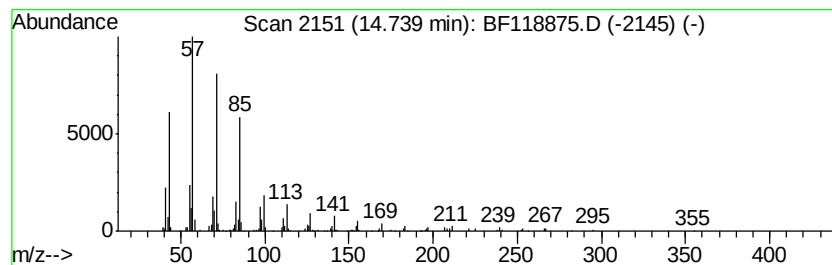
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.59 ng	263581	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Triacotane		422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Eicosane, 2-methyl-		296	C21H44	001560-84-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1

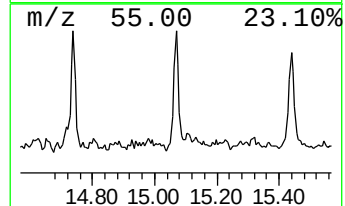
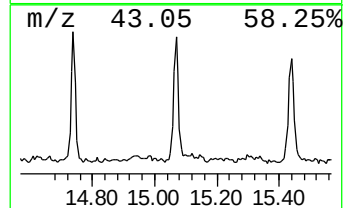
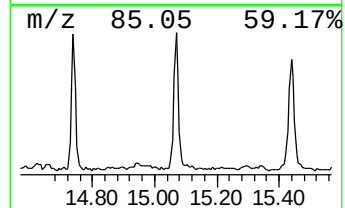
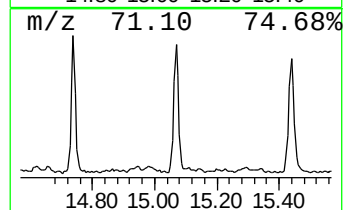
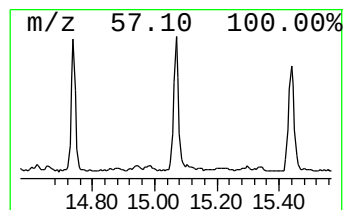
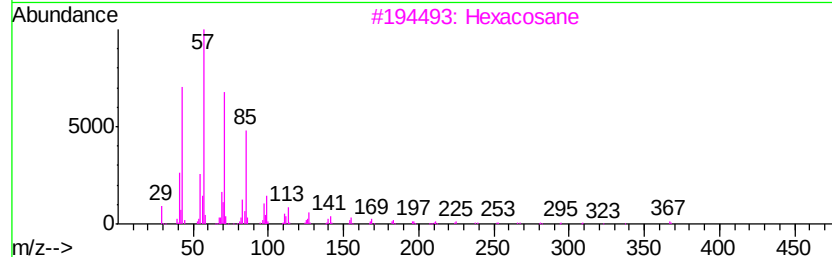
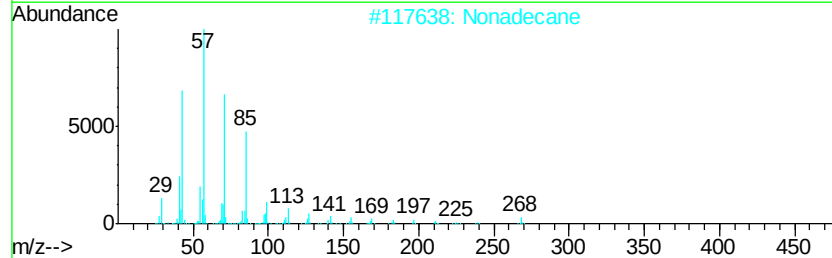
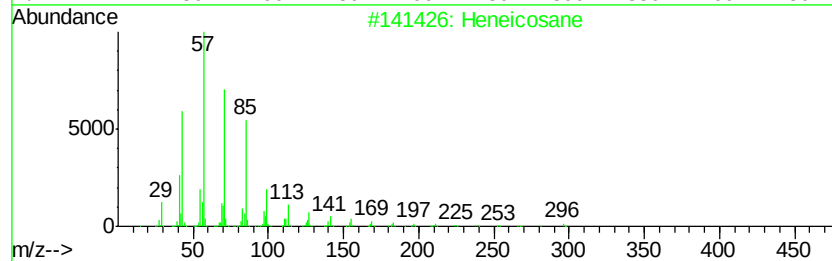
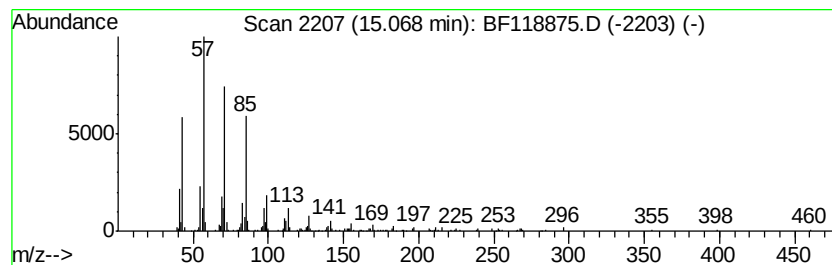
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.86 ng	290379	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	99
2	Nonadecane		268	C19H40	000629-92-5	94
3	Hexacosane		366	C26H54	000630-01-3	94
4	Tetracosane		338	C24H50	000646-31-1	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

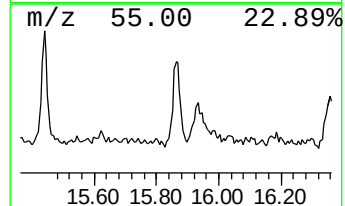
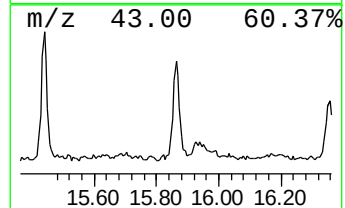
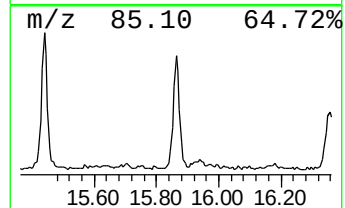
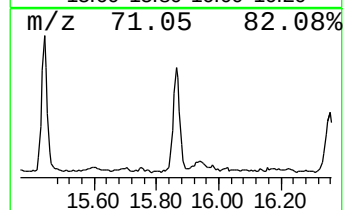
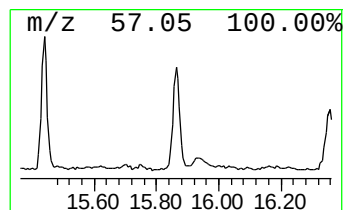
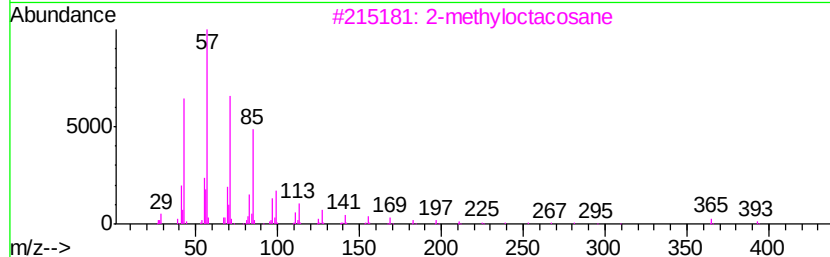
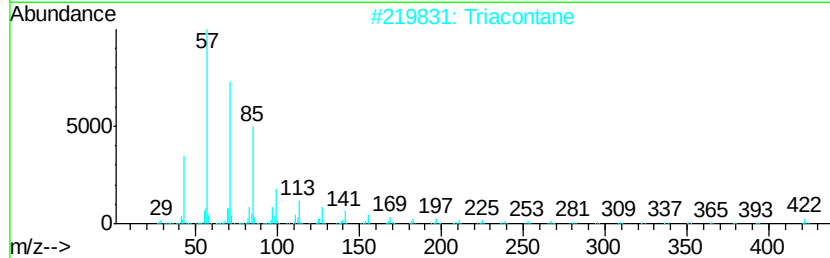
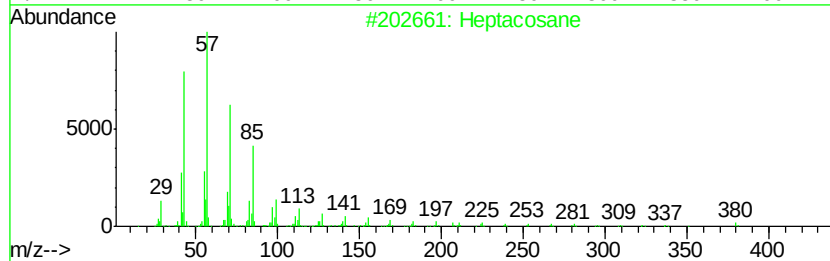
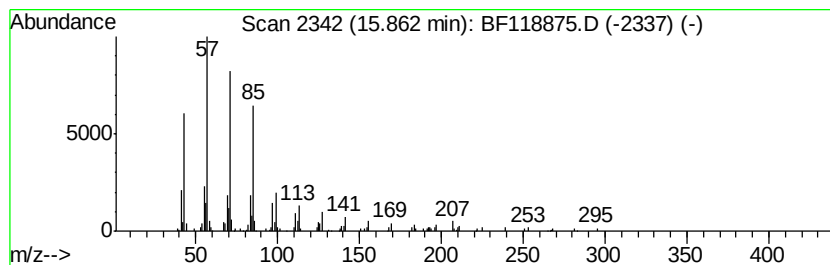
Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.40 ng	243430	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Triacontane	422 C30H62	000638-68-6	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021020\
Data File : BF118875.D
Acq On : 10 Feb 2020 18:15
Operator : CG/JU
Sample : L1473-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.86	5.7	ng	559688	4	11.33	1962760	20.0
Oxalic acid, isob...	13.82	6.9	ng	700982	5	13.97	2026250	20.0
Hexacosane	14.44	2.9	ng	296105	5	13.97	2026250	20.0
2-methyloctacosane	14.74	2.6	ng	263581	6	15.42	2031960	20.0
Heneicosane	15.07	2.9	ng	290379	6	15.42	2031960	20.0
Heptacosane	15.86	2.4	ng	243430	6	15.42	2031960	20.0