

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
 Data File : BF114749.D
 Acq On : 1 Jun 2019 11:46
 Operator : HP/JU
 Sample : K3097-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0425-HR-5(HACKENSACK)

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-BF052919.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	5.304	541	547	550	rBV	6570711	6737958	87.13%	8.436%
2	6.334	715	722	726	rBV	6030194	7162993	92.63%	8.969%
3	6.463	739	744	747	rBV	7248817	7264497	93.94%	9.096%
4	6.692	780	783	787	rBV	2783651	2239453	28.96%	2.804%
5	6.851	806	810	813	rBV	6508208	5473435	70.78%	6.853%
6	7.251	873	878	881	rBV	4617709	4472474	57.84%	5.600%
7	7.975	996	1001	1004	rBV	3310305	2922157	37.79%	3.659%
8	9.051	1178	1184	1187	rBV	7762152	7732973	100.00%	9.682%
9	9.439	1246	1250	1253	rBV	960190	756303	9.78%	0.947%
10	9.722	1293	1298	1301	rBV	3528044	3423922	44.28%	4.287%
11	9.751	1301	1303	1307	rVB	447187	337694	4.37%	0.423%
12	9.922	1328	1332	1335	rVB	135555	116836	1.51%	0.146%
13	10.263	1387	1390	1393	rVB	230395	193487	2.50%	0.242%
14	10.422	1414	1417	1422	rVB	77524	82529	1.07%	0.103%
15	10.498	1426	1430	1434	rBV	4656727	4688043	60.62%	5.870%
16	11.045	1520	1523	1528	rBV4	42828	79625	1.03%	0.100%
17	11.192	1544	1548	1551	rBV	4159294	3791740	49.03%	4.748%
18	11.216	1551	1552	1555	rVV	742147	389212	5.03%	0.487%
19	11.263	1555	1560	1564	rVB	192249	196636	2.54%	0.246%
20	11.692	1630	1633	1635	rBV	115297	94876	1.23%	0.119%
21	11.733	1635	1640	1643	rBV2	417532	463808	6.00%	0.581%
22	11.804	1649	1652	1654	rBV	227897	215852	2.79%	0.270%
23	11.986	1680	1683	1686	rBV	95222	81171	1.05%	0.102%
24	12.398	1749	1753	1756	rBV	1036124	977547	12.64%	1.224%
25	12.516	1769	1773	1783	rBV2	679124	981400	12.69%	1.229%
26	12.621	1786	1791	1793	rVV3	796904	938698	12.14%	1.175%
27	12.668	1797	1799	1808	rVB2	72722	115450	1.49%	0.145%
28	12.774	1813	1817	1820	rBV	8085514	7682260	99.34%	9.619%
29	12.951	1844	1847	1850	rVB	140942	118227	1.53%	0.148%
30	13.015	1855	1858	1861	rVB	154673	137543	1.78%	0.172%
31	13.680	1967	1971	1979	rBV	851207	1021407	13.21%	1.279%
32	13.810	1989	1993	1996	rBV	3066636	3071742	39.72%	3.846%
33	14.004	2023	2026	2029	rBV	121444	143969	1.86%	0.180%
34	14.310	2075	2078	2082	rBV	162291	154062	1.99%	0.193%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.604	2125	2128	2136	rVV	274440	335088	4.33%	0.420%
36	14.668	2137	2139	2145	rVB	147175	164756	2.13%	0.206%
37	14.915	2178	2181	2186	rVB	316082	318607	4.12%	0.399%
38	15.204	2224	2230	2236	rVB	2183004	2695728	34.86%	3.375%
39	15.262	2236	2240	2246	rBV	352035	437968	5.66%	0.548%
40	15.662	2303	2308	2312	rBV	311983	468760	6.06%	0.587%
41	15.704	2312	2315	2325	rVB6	65566	155353	2.01%	0.195%
42	16.115	2381	2385	2394	rVB	256280	452557	5.85%	0.567%
43	16.651	2472	2476	2485	rVB2	167718	322354	4.17%	0.404%
44	17.286	2579	2584	2591	rVB2	121318	256160	3.31%	0.321%

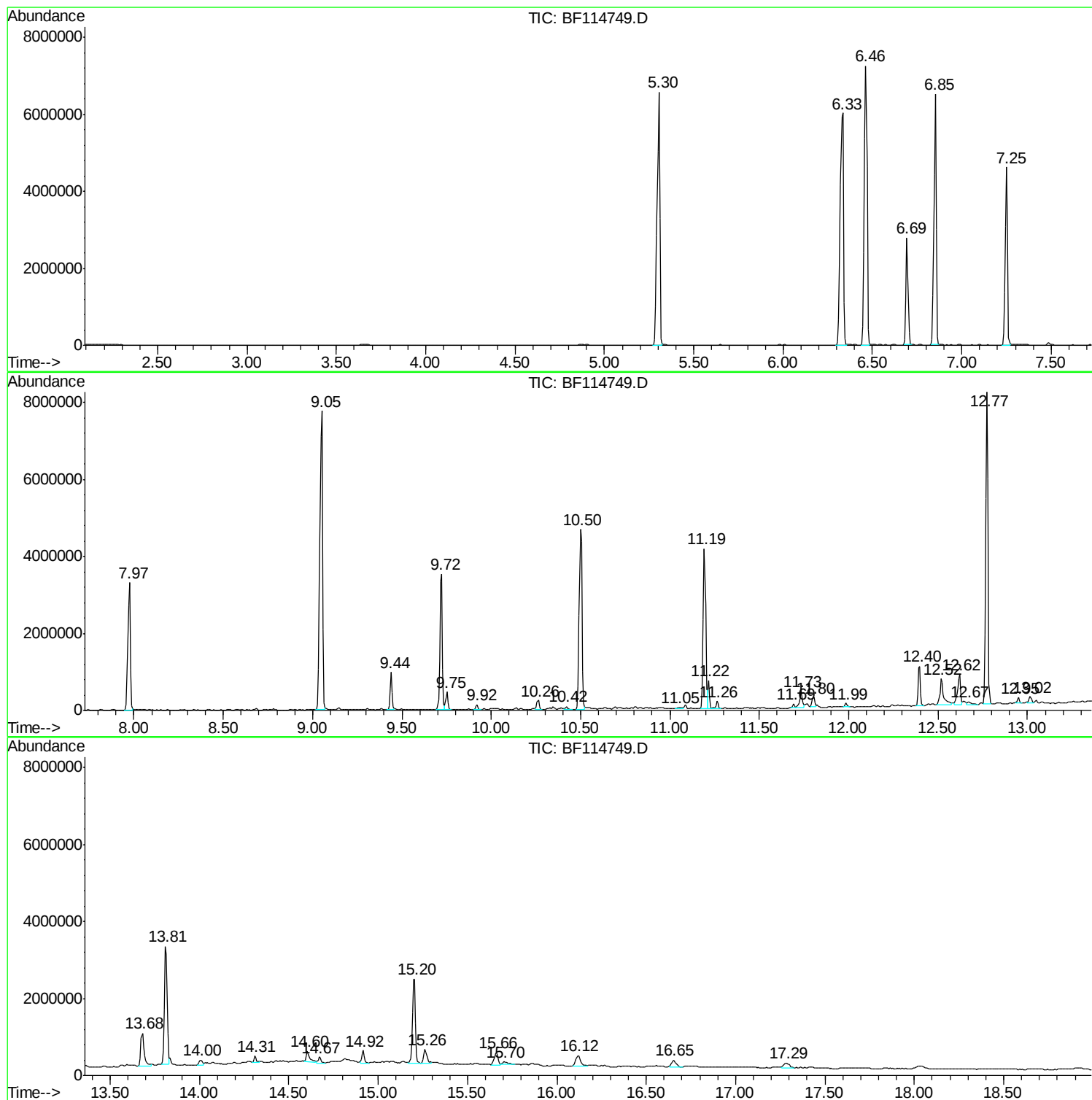
Sum of corrected areas: 79867310

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.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\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

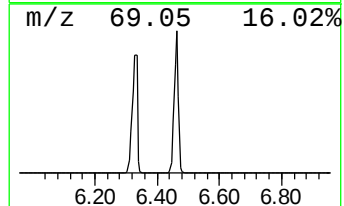
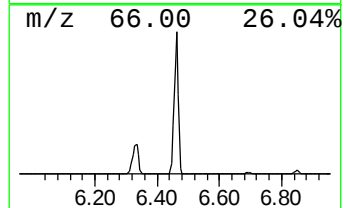
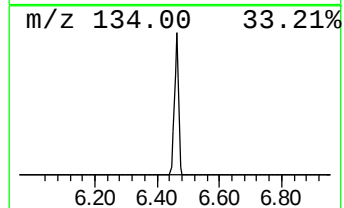
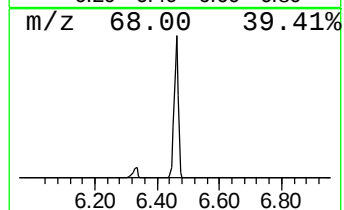
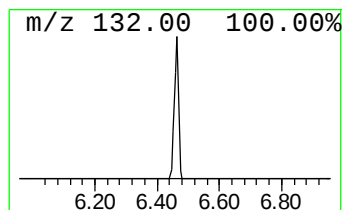
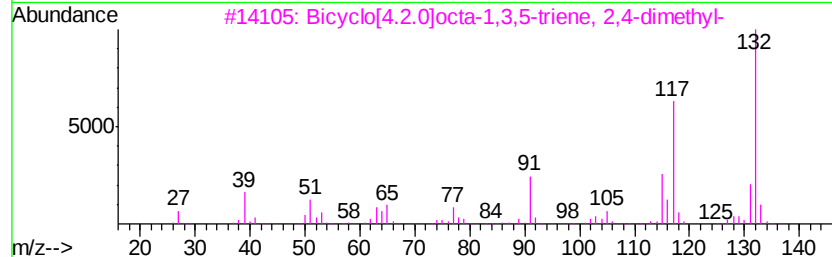
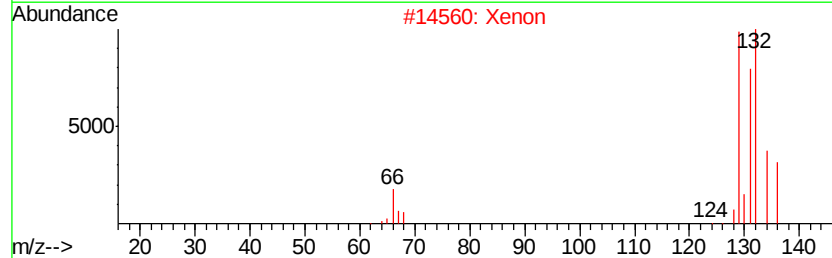
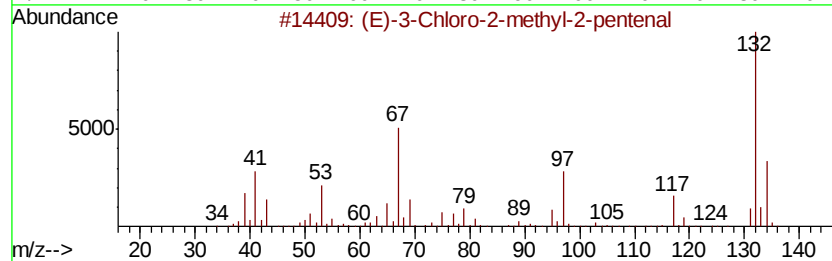
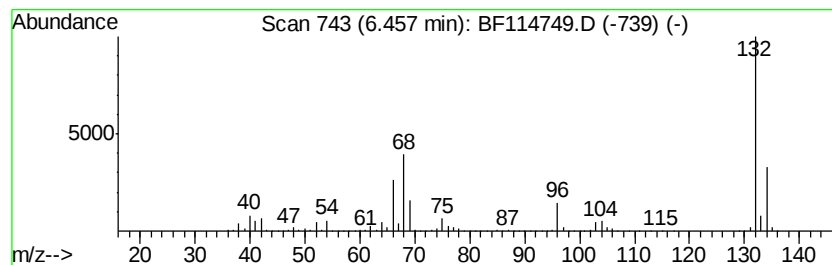
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	64.88 ng	7264500	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		Xenon	132	Xe	007440-63-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

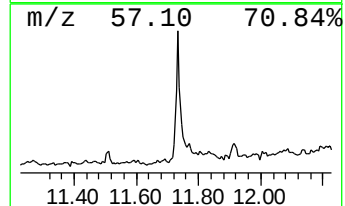
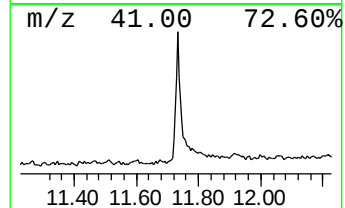
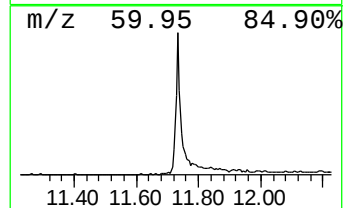
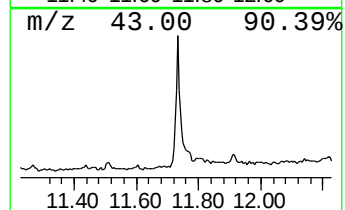
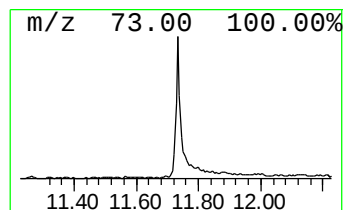
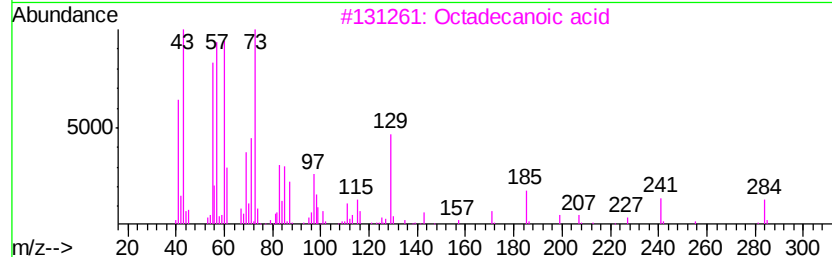
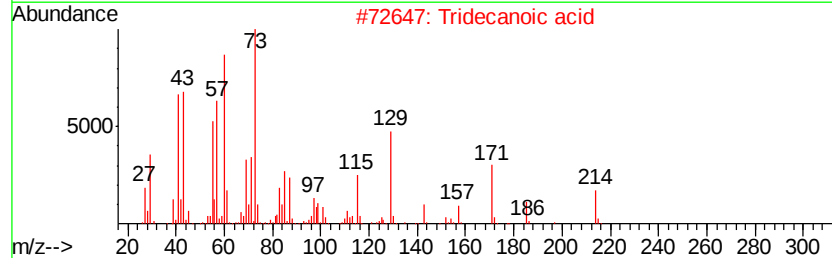
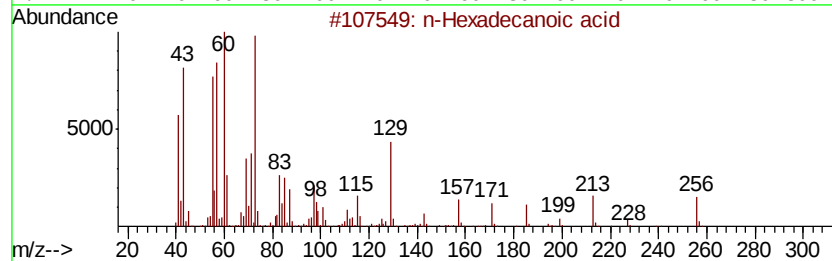
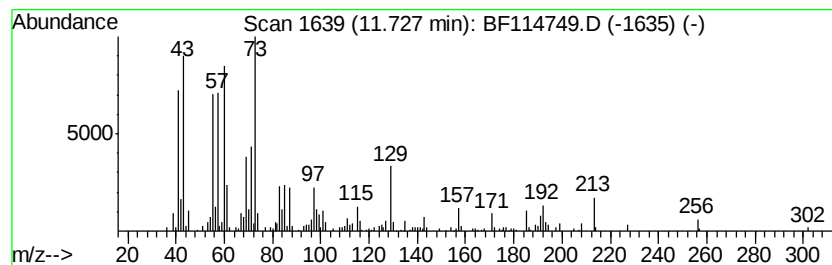
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.45 ng	463808	Phenanthrene-d10	11.19

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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

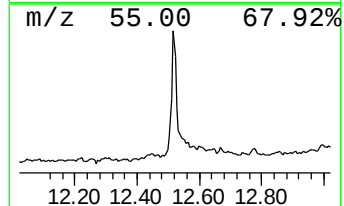
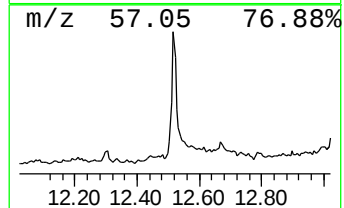
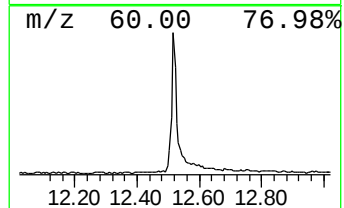
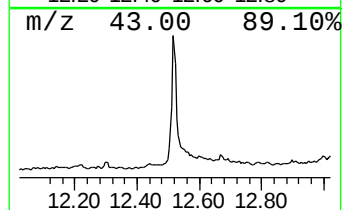
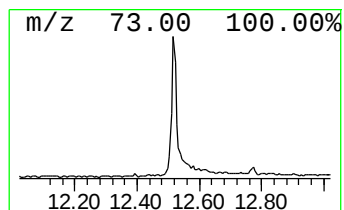
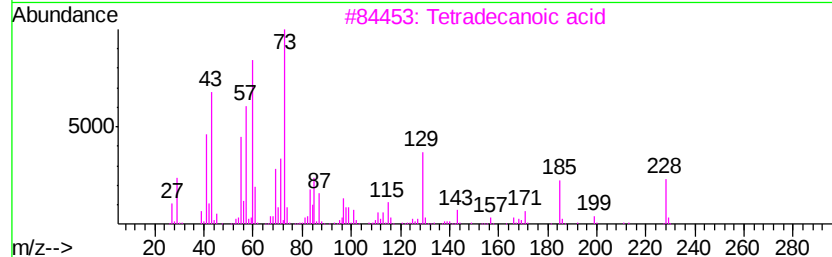
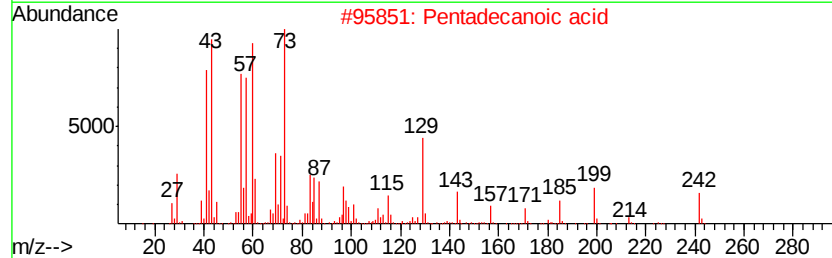
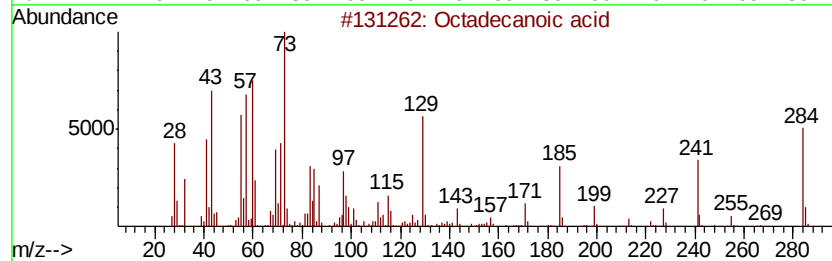
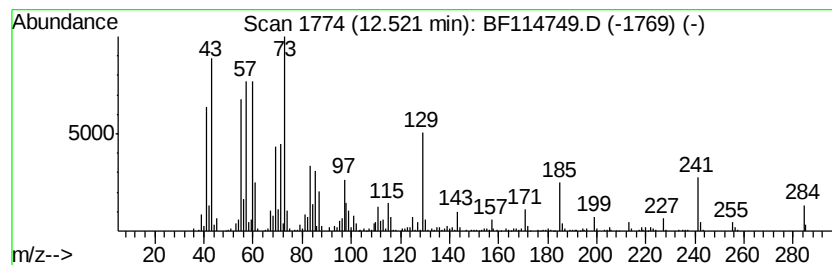
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.52	6.39 ng	981400	Chrysene-d12	13.81		
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	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

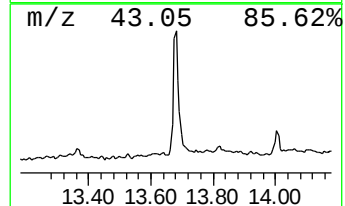
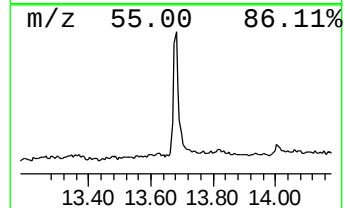
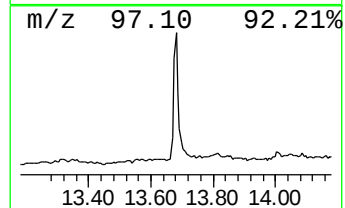
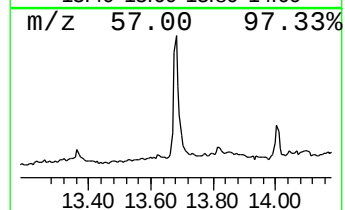
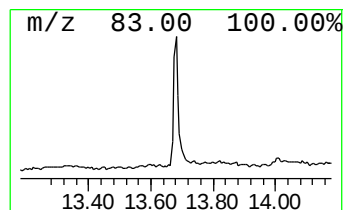
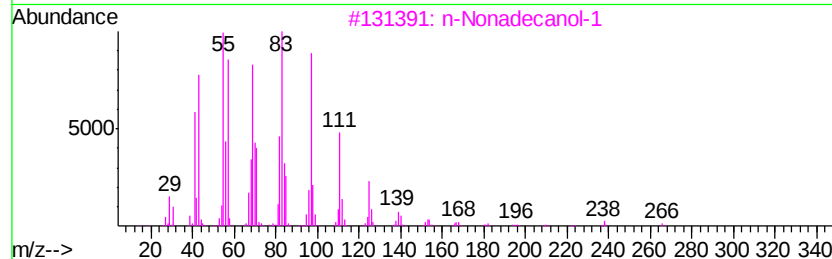
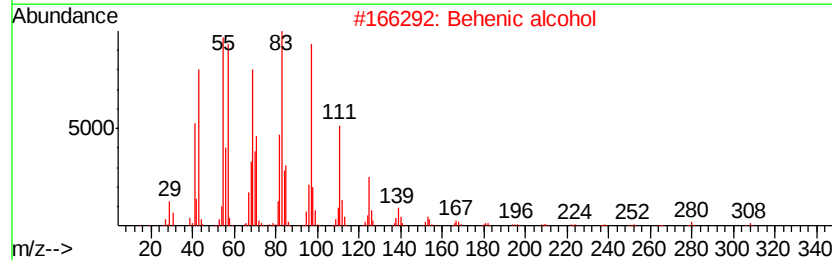
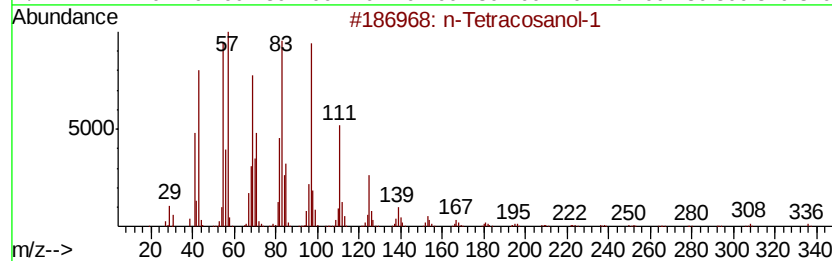
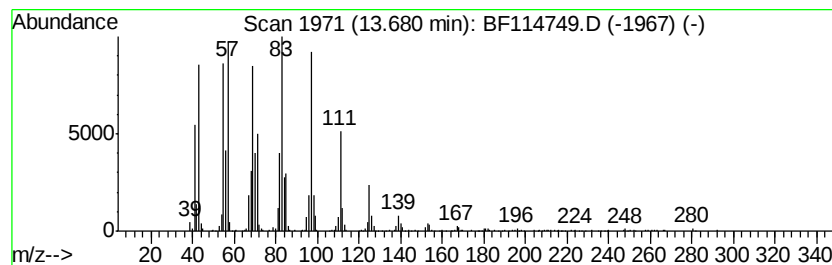
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	6.65 ng	1021410	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

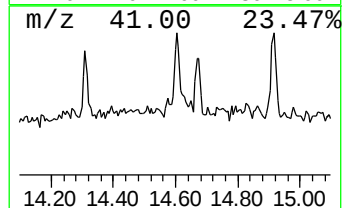
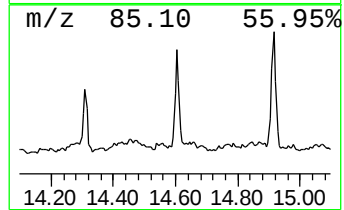
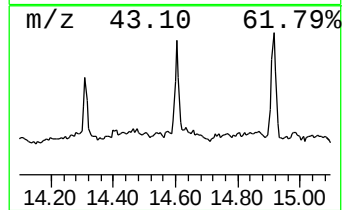
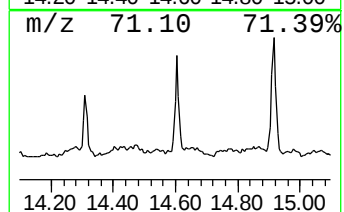
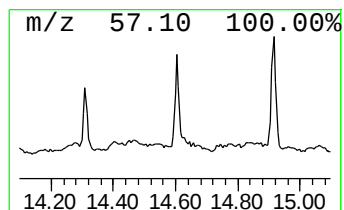
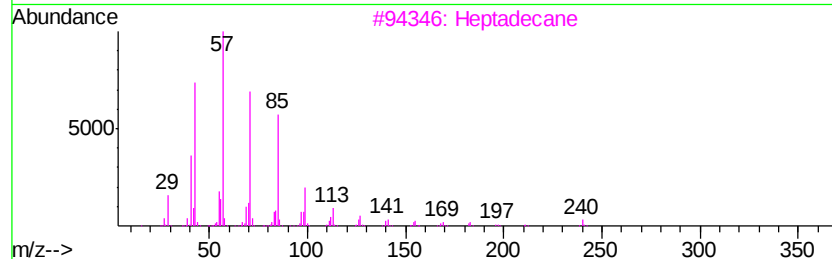
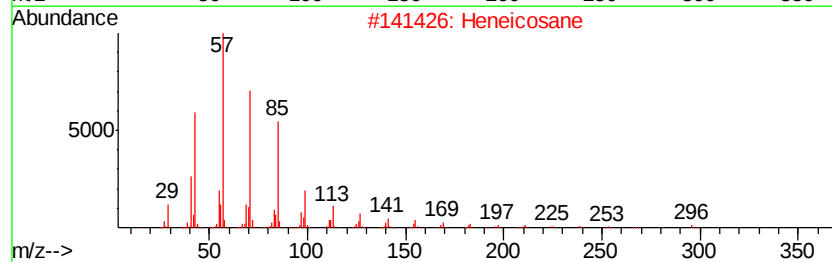
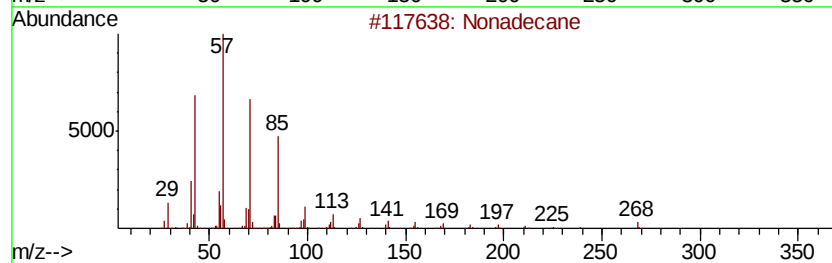
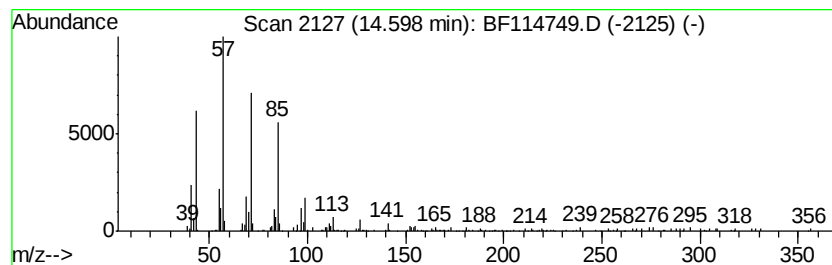
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.49 ng	335088	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

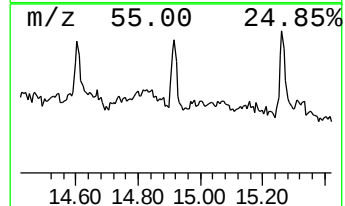
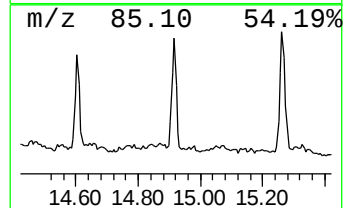
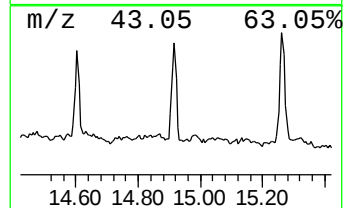
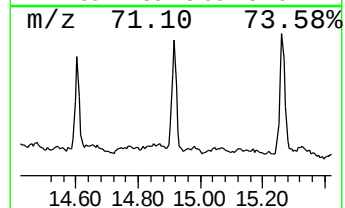
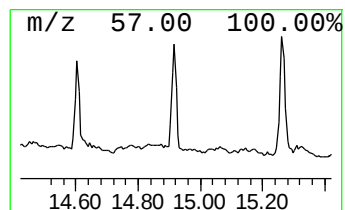
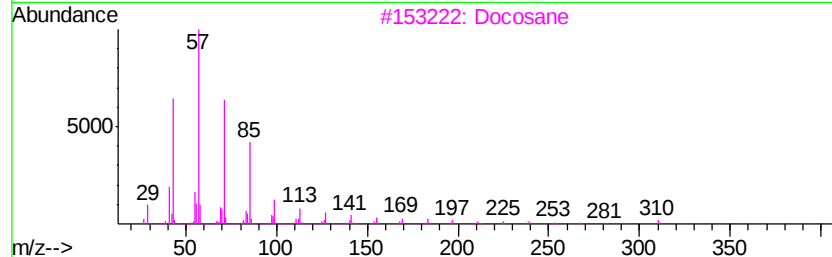
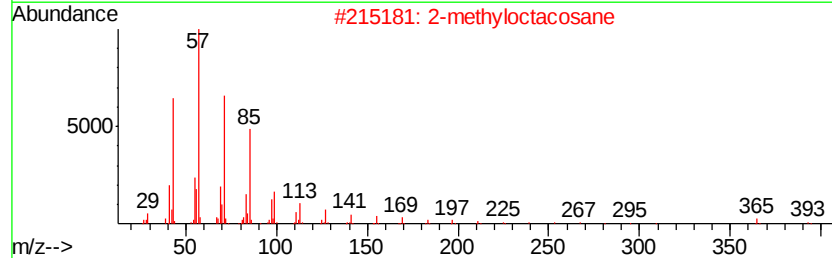
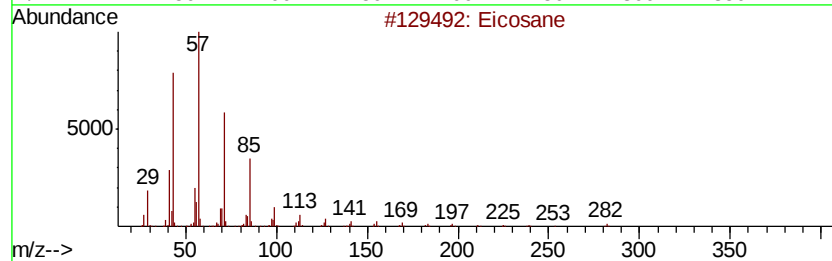
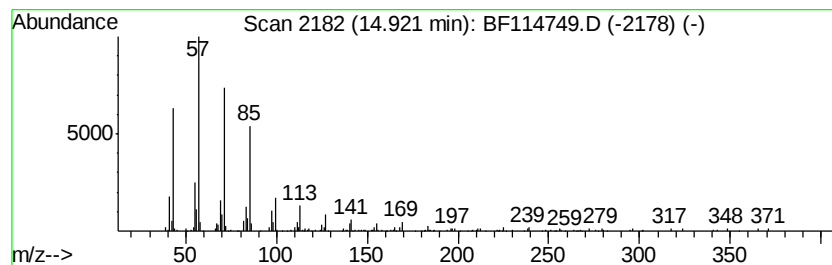
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.36 ng	318607	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	94
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Docosane	310 C22H46	000629-97-0	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Heptadecane	240 C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

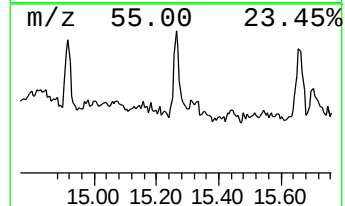
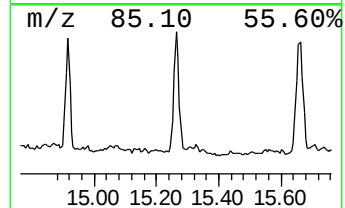
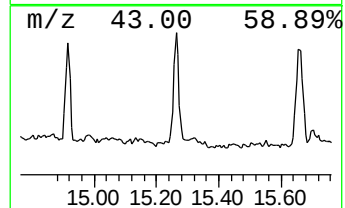
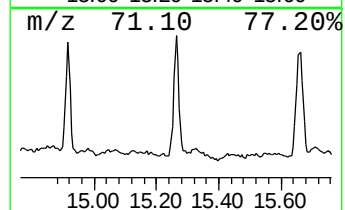
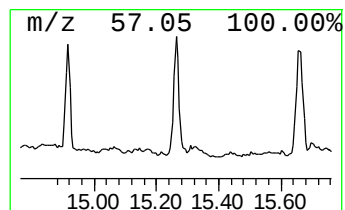
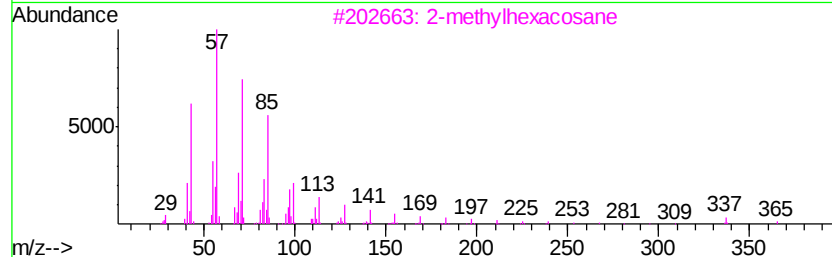
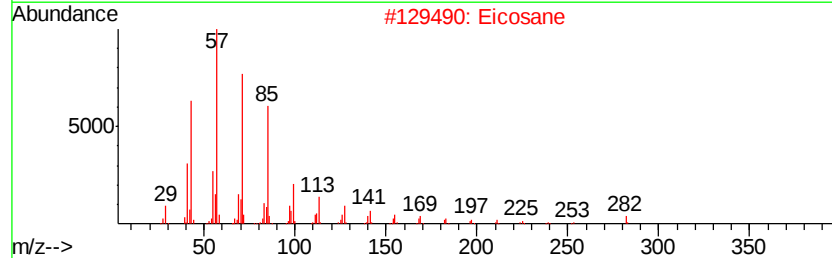
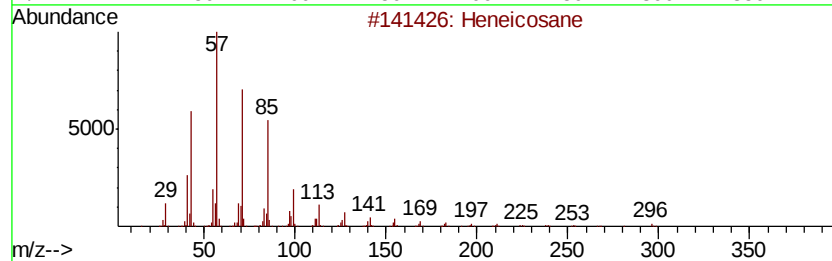
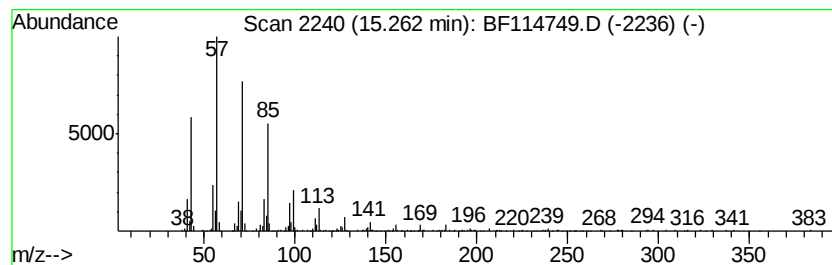
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.25 ng	437968	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Eicosane		282	C20H42	000112-95-8	90
3	2-methylhexacosane		380	C27H56	1000376-72-7	90
4	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	90
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

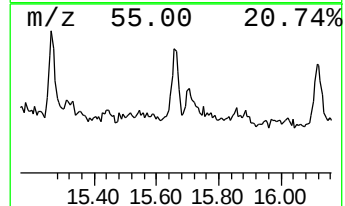
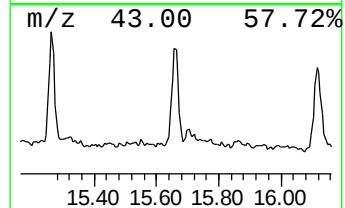
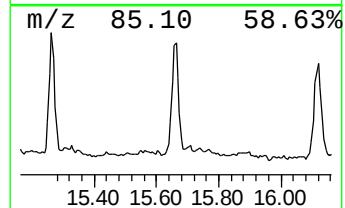
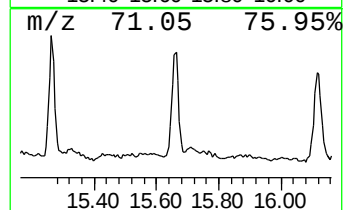
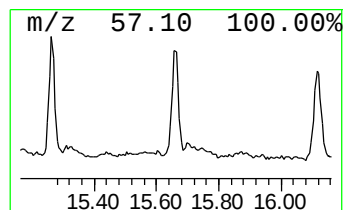
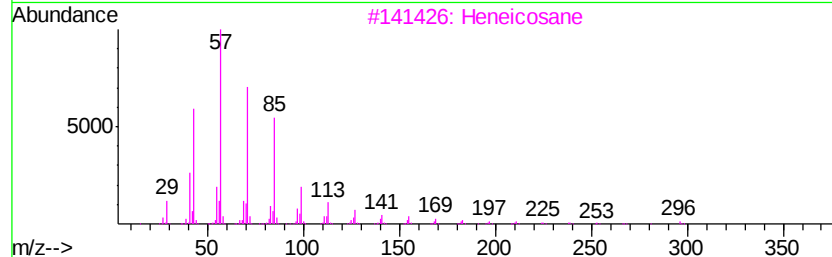
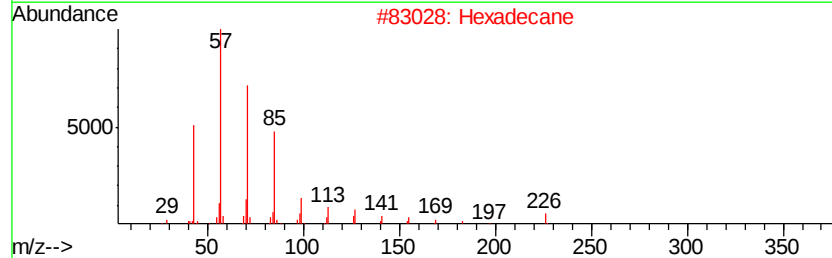
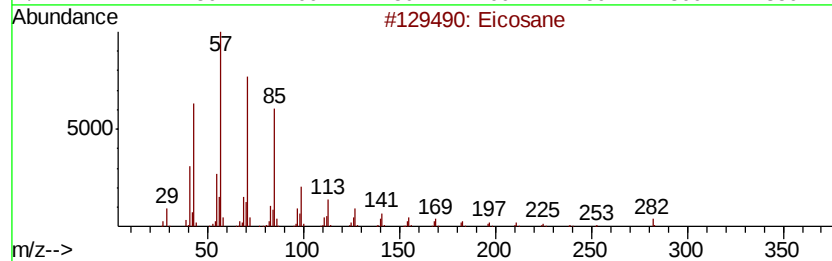
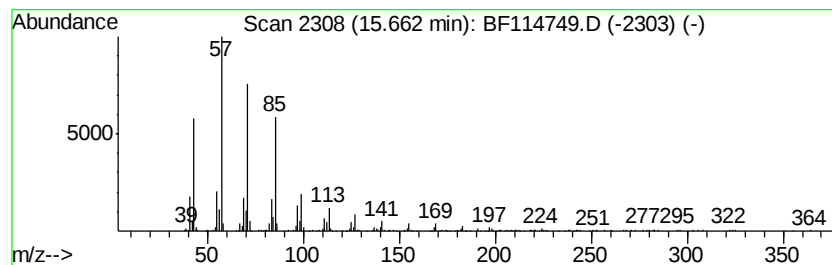
Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.66	3.48 ng	468760	Perylene-d12		15.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methvloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114749.D
Acq On : 1 Jun 2019 11:46
Operator : HP/JU
Sample : K3097-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0425-HR-5(HACKENSACK)

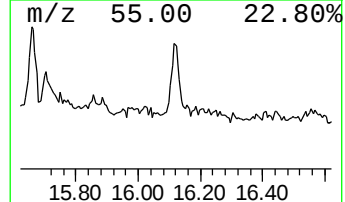
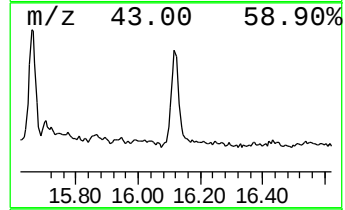
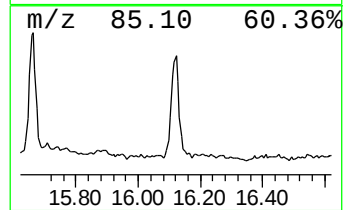
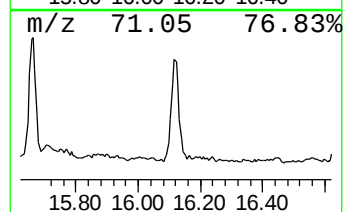
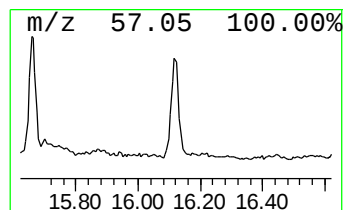
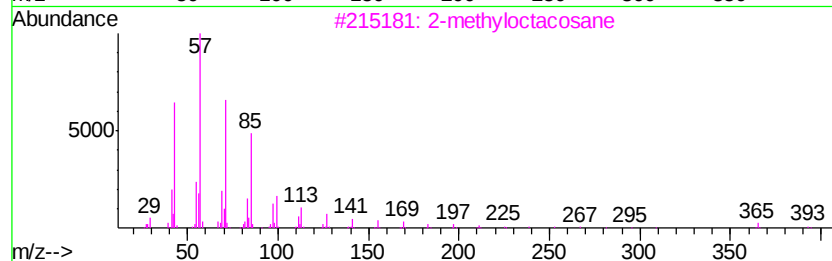
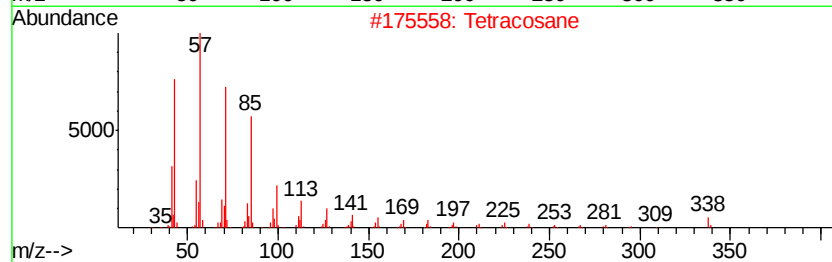
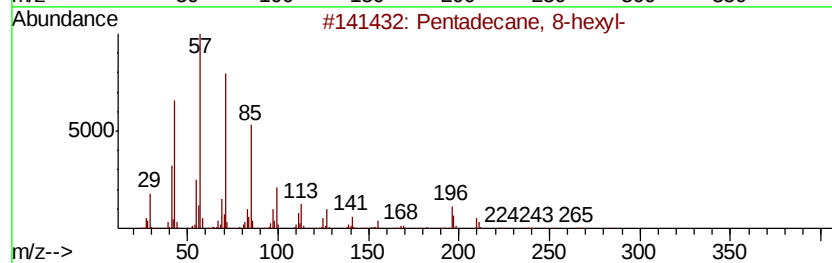
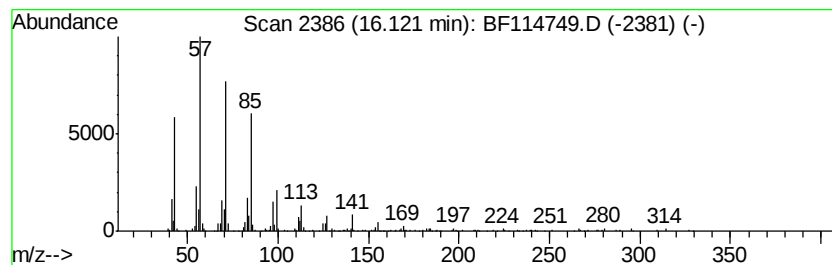
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.36 ng	452557	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Tetracosane	338	C24H50	000646-31-1	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\BF060119\
 Data File : BF114749.D
 Acq On : 1 Jun 2019 11:46
 Operator : HP/JU
 Sample : K3097-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0425-HR-5(HACKENSACK)

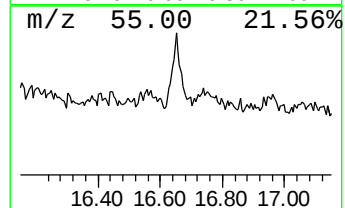
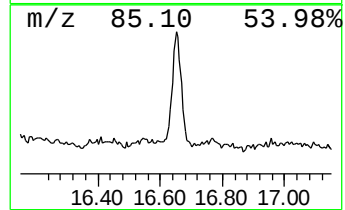
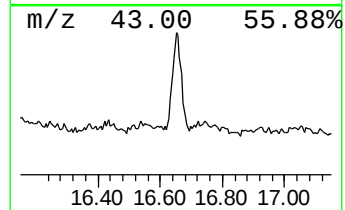
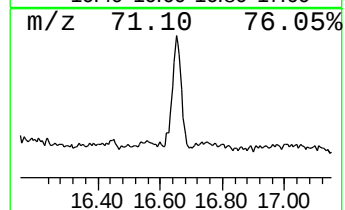
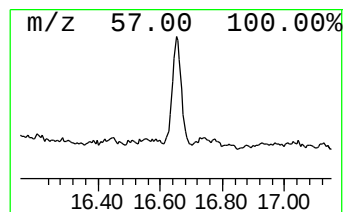
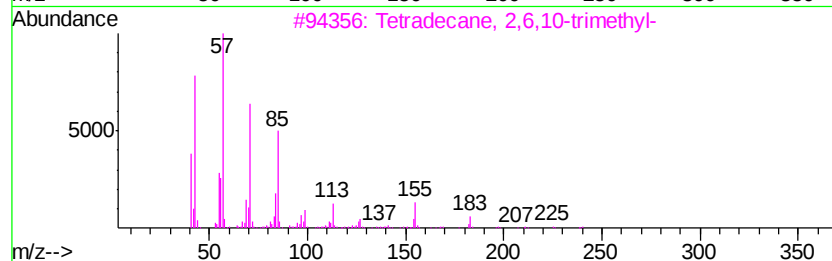
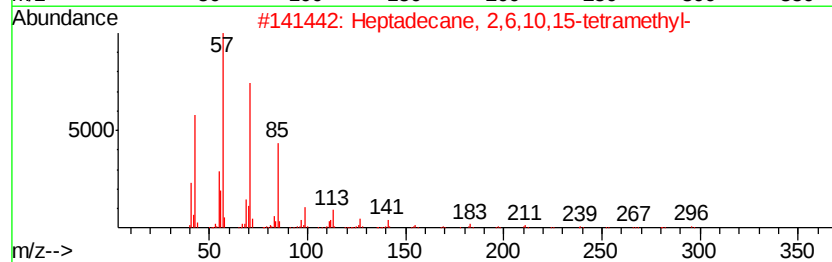
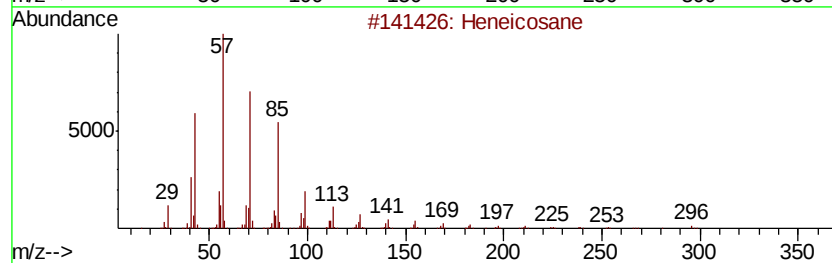
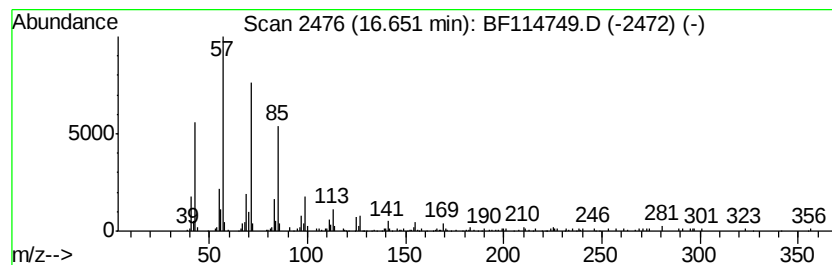
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.39 ng	322354	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
 Data File : BF114749.D
 Acq On : 1 Jun 2019 11:46
 Operator : HP/JU
 Sample : K3097-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0425-HR-5(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	64.9	ng	7264500	1	6.69	2239450	20.0
n-Hexadecanoic acid	11.73	2.5	ng	463808	4	11.19	3791740	20.0
Octadecanoic acid	12.52	6.4	ng	981400	5	13.81	3071740	20.0
n-Tetracosanol-1	13.68	6.7	ng	1021410	5	13.81	3071740	20.0
Nonadecane	14.60	2.5	ng	335088	6	15.20	2695730	20.0
Eicosane	14.92	2.4	ng	318607	6	15.20	2695730	20.0
Heneicosane	15.26	3.3	ng	437968	6	15.20	2695730	20.0
Hexadecane	15.66	3.5	ng	468760	6	15.20	2695730	20.0
Pentadecane, 8-he...	16.12	3.4	ng	452557	6	15.20	2695730	20.0
Tetradecane, 2,6,...	16.65	2.4	ng	322354	6	15.20	2695730	20.0