

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116825.D
 Acq On : 4 Sep 2019 19:36
 Operator : HP/JU
 Sample : K4655-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-D

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-BF083019.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	5.469	570	575	578	rBV	1607645	1466770	84.94%	9.198%
2	6.481	742	747	754	rBV	1667199	1665540	96.45%	10.445%
3	6.622	766	771	774	rBV	1865154	1621988	93.92%	10.172%
4	6.675	777	780	786	rVB	93446	78089	4.52%	0.490%
5	6.851	806	810	813	rBV	475925	394751	22.86%	2.476%
6	7.004	832	836	840	rBV	1317305	1200175	69.50%	7.527%
7	7.410	900	905	908	rBV	1008286	962384	55.73%	6.035%
8	8.128	1024	1027	1031	rBV	601528	521659	30.21%	3.271%
9	8.939	1160	1165	1169	rVB2	39825	34562	2.00%	0.217%
10	9.204	1206	1210	1213	rBV	2187071	1726927	100.00%	10.830%
11	9.545	1264	1268	1270	rBV	24145	22504	1.30%	0.141%
12	9.592	1273	1276	1285	rVB	210485	168977	9.78%	1.060%
13	9.880	1322	1325	1329	rBV	662727	593066	34.34%	3.719%
14	9.916	1329	1331	1334	rVB	80759	63726	3.69%	0.400%
15	10.086	1356	1360	1363	rBV2	23178	20989	1.22%	0.132%
16	10.427	1415	1418	1424	rVB	114029	96500	5.59%	0.605%
17	10.669	1455	1459	1465	rBV	1055995	902846	52.28%	5.662%
18	11.263	1557	1560	1565	rVB2	41509	40722	2.36%	0.255%
19	11.363	1574	1577	1579	rBV	602498	527506	30.55%	3.308%
20	11.386	1579	1581	1585	rVV	330881	260791	15.10%	1.635%
21	11.439	1585	1590	1593	rVB	82269	74880	4.34%	0.470%
22	11.863	1659	1662	1664	rBV	36013	36214	2.10%	0.227%
23	11.886	1664	1666	1671	rVB2	92098	95685	5.54%	0.600%
24	11.974	1678	1681	1684	rBV	68811	68287	3.95%	0.428%
25	12.345	1740	1744	1746	rBV2	24091	31333	1.81%	0.196%
26	12.410	1752	1755	1759	rBV	28172	32100	1.86%	0.201%
27	12.574	1778	1783	1787	rBV	215465	200736	11.62%	1.259%
28	12.804	1816	1822	1824	rBV	160723	170896	9.90%	1.072%
29	12.945	1842	1846	1849	rBV	1594707	1329184	76.97%	8.336%
30	13.027	1854	1860	1862	rBV8	27090	45788	2.65%	0.287%
31	13.127	1875	1877	1880	rVB	26688	22399	1.30%	0.140%
32	13.233	1891	1895	1899	rVB4	22449	35348	2.05%	0.222%
33	13.515	1941	1943	1946	rVB4	23037	22272	1.29%	0.140%
34	13.839	1994	1998	2006	rVB	174611	242631	14.05%	1.522%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.998	2020	2025	2027	rBV	475470	496503	28.75%	3.114%
36	14.021	2027	2029	2036	rVB	55216	51675	2.99%	0.324%
37	14.468	2102	2105	2108	rBV2	56836	65336	3.78%	0.410%
38	14.768	2153	2156	2159	rBV	66720	56260	3.26%	0.353%
39	15.104	2209	2213	2217	rBV	82927	106206	6.15%	0.666%
40	15.451	2268	2272	2275	rBV	286218	335523	19.43%	2.104%
41	15.909	2347	2350	2354	rVB3	39336	56100	3.25%	0.352%

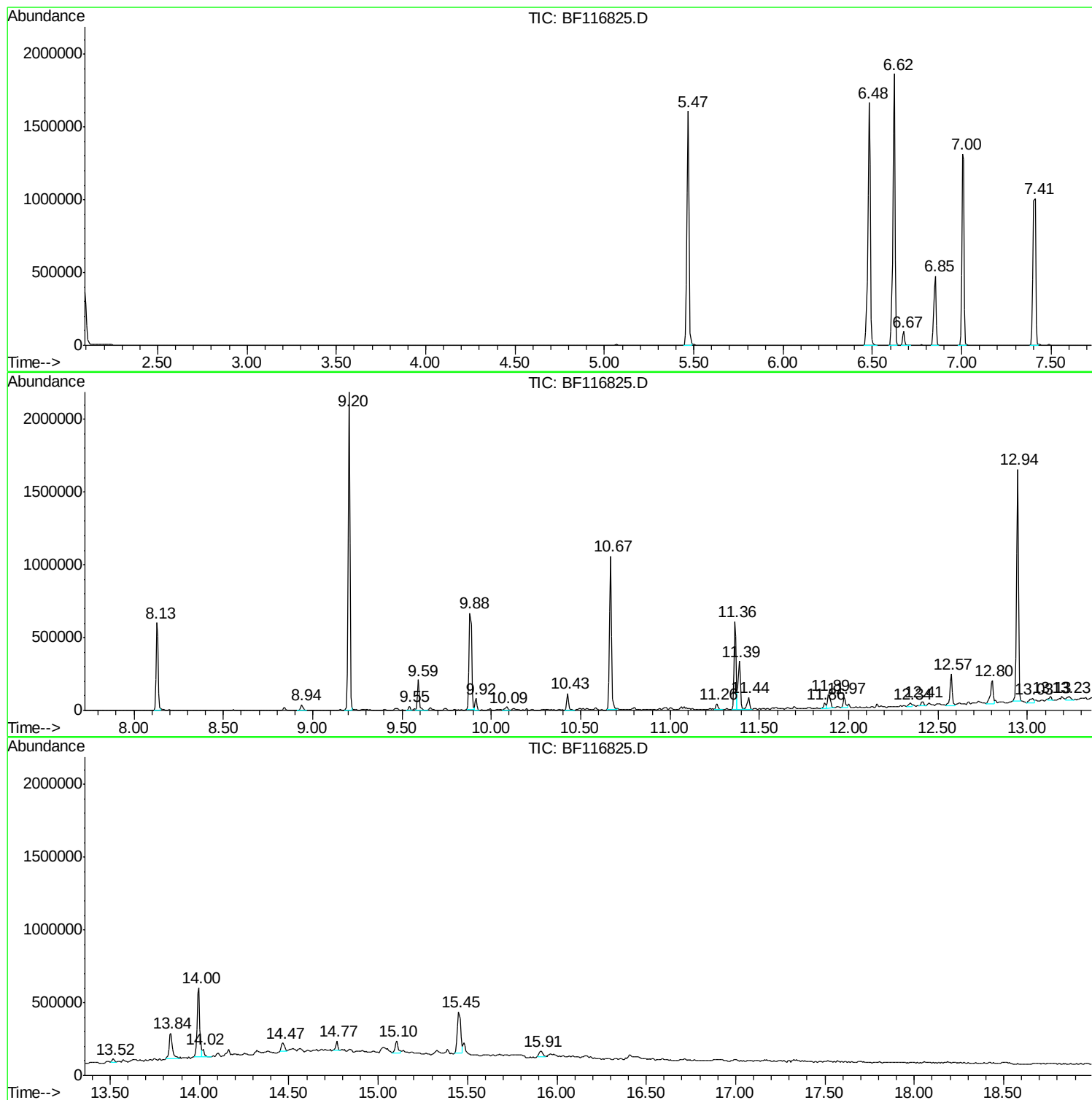
Sum of corrected areas: 15945828

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

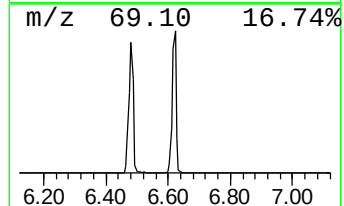
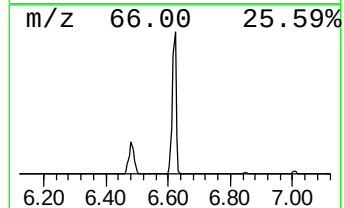
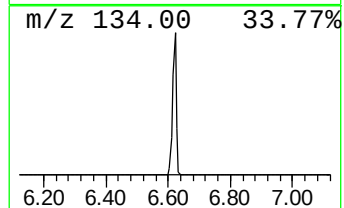
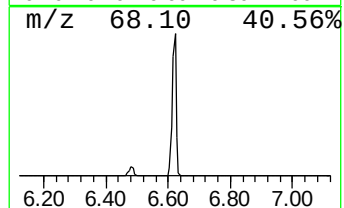
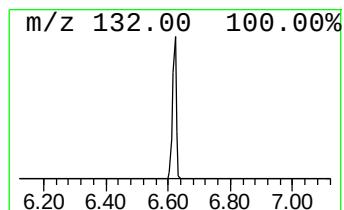
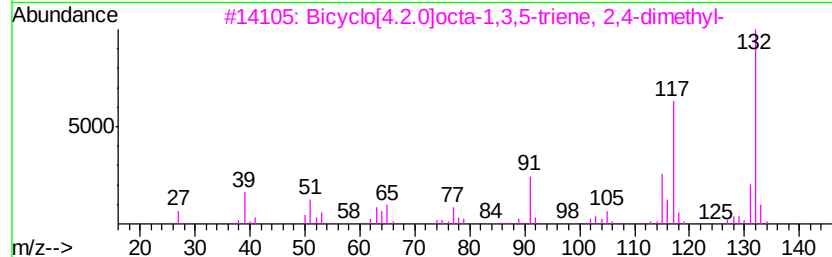
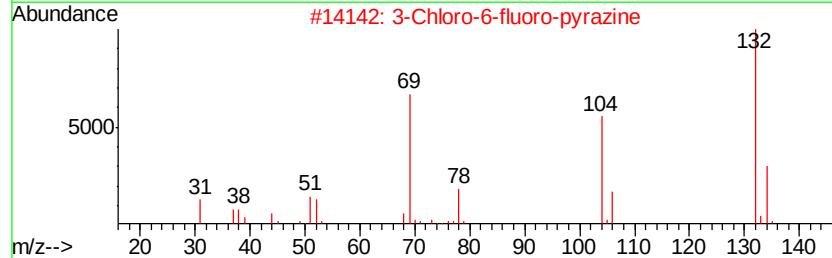
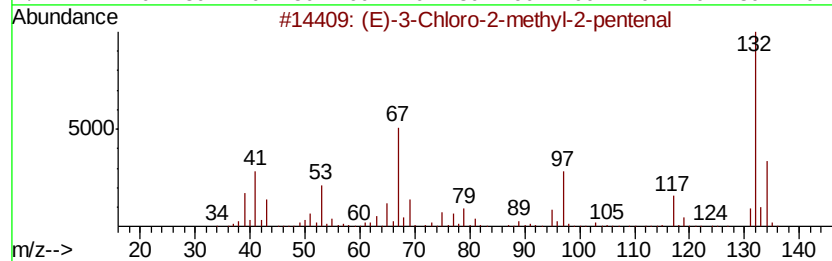
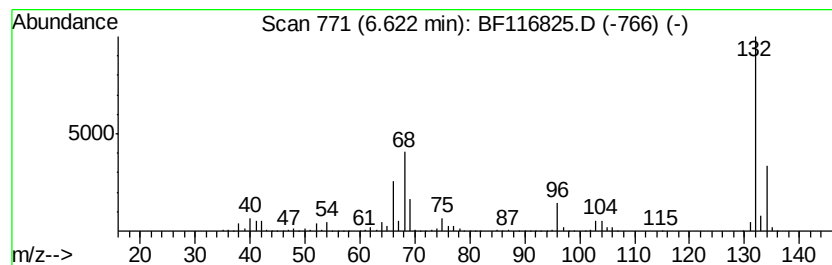
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	82.18 ng	1621990	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

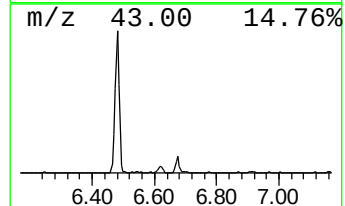
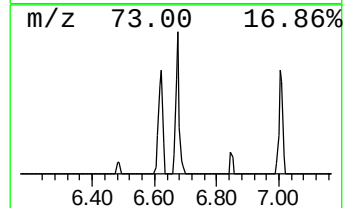
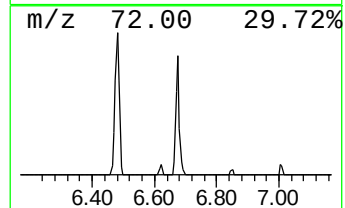
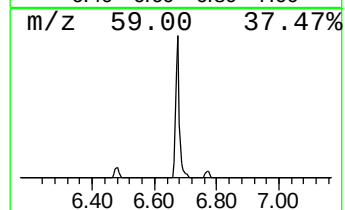
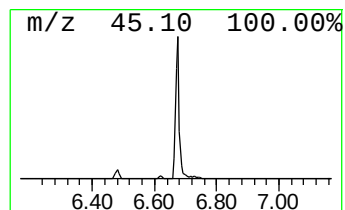
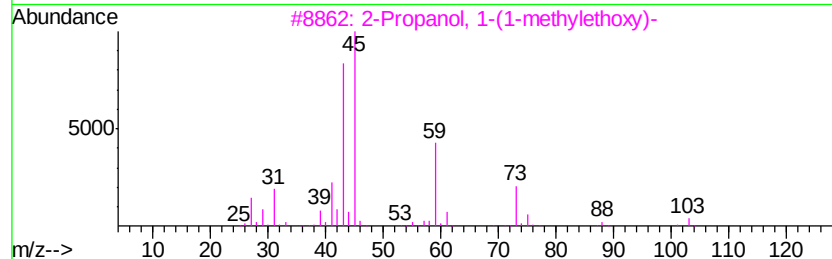
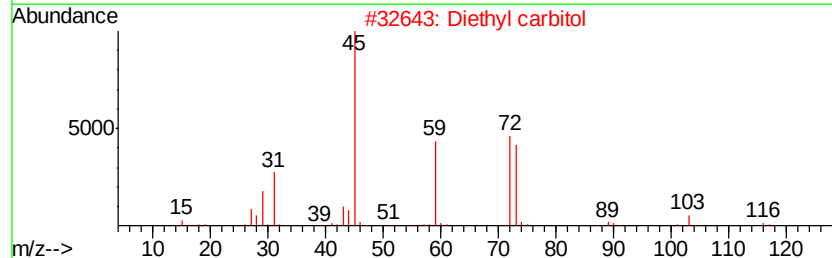
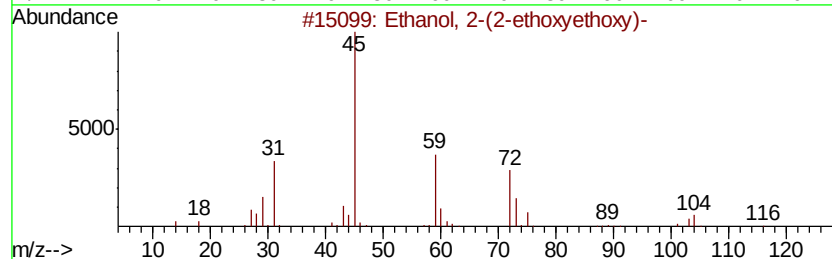
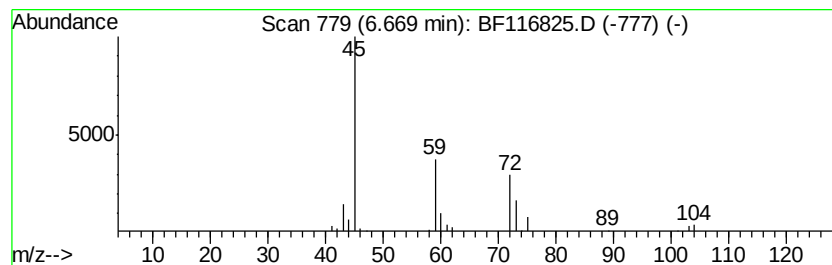
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.96 ng	78089	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Diethyl carbitol	162	C8H18O3	000112-36-7	72
3		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4		Ethanol, 2-[2-(2-ethoxyethoxy)et...]	178	C8H18O4	000112-50-5	45
5		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116825.D
 Acq On : 4 Sep 2019 19:36
 Operator : HP/JU
 Sample : K4655-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

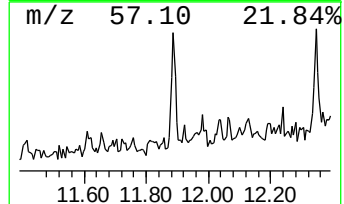
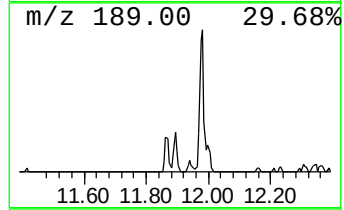
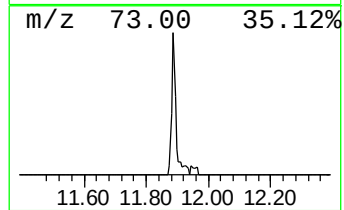
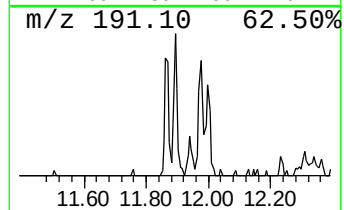
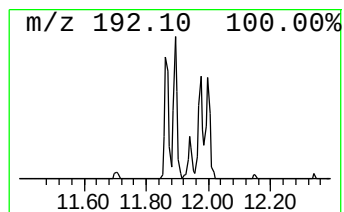
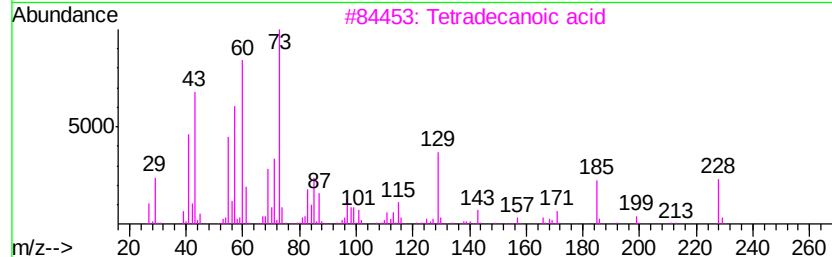
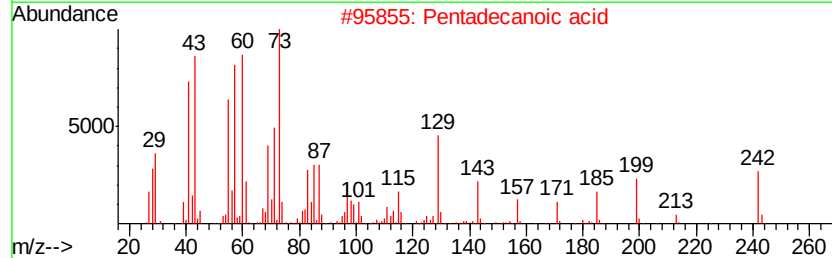
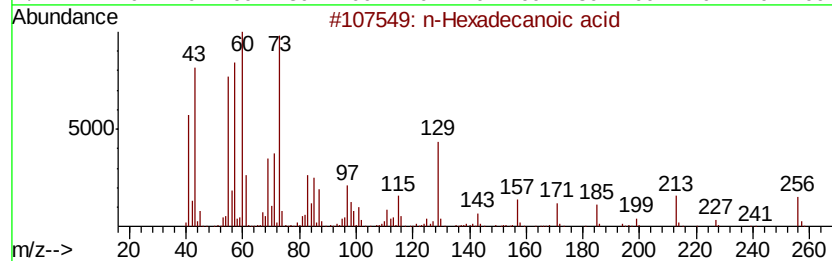
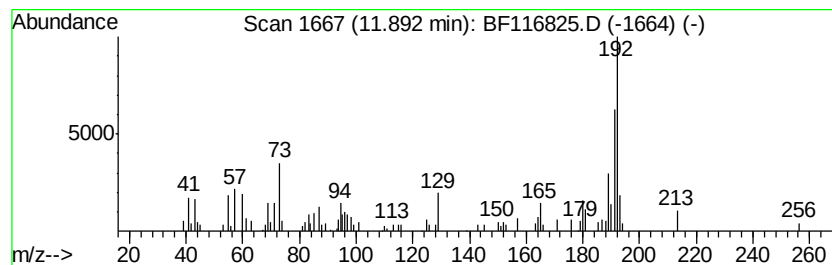
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	3.63 ng	95685	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

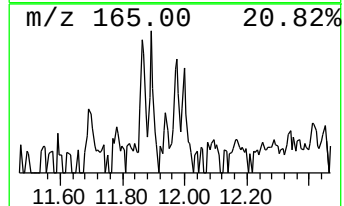
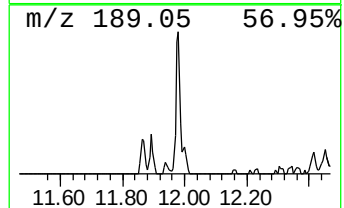
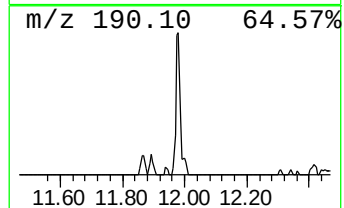
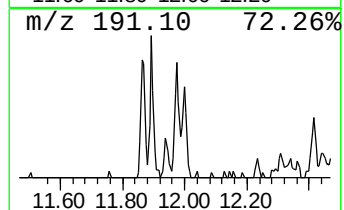
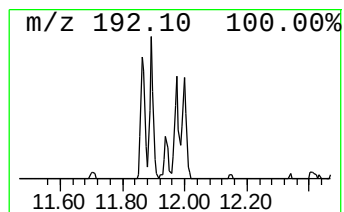
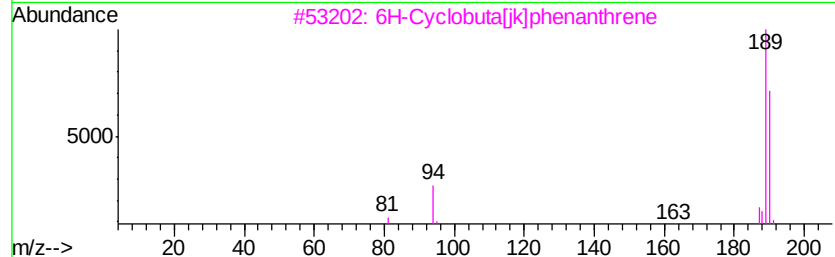
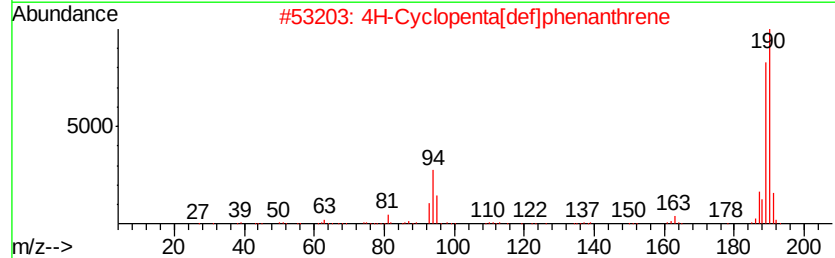
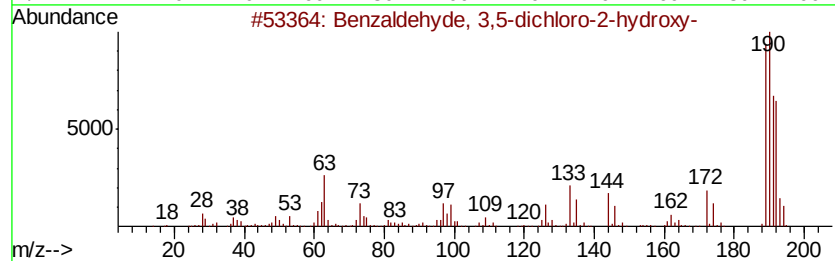
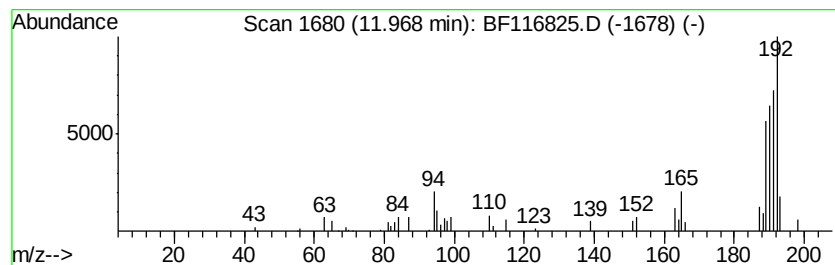
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.59 ng	68287	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	43
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

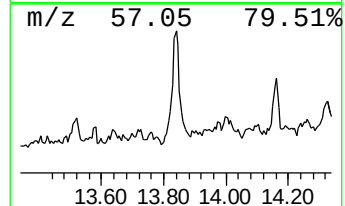
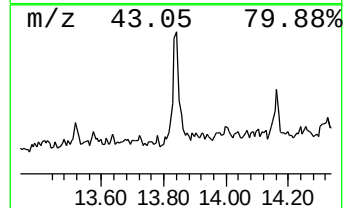
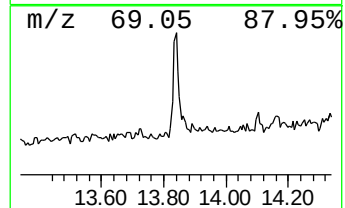
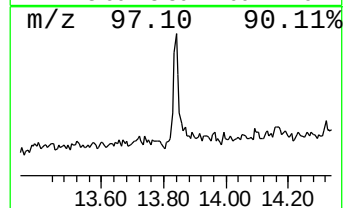
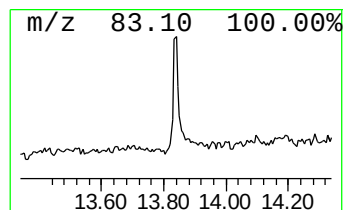
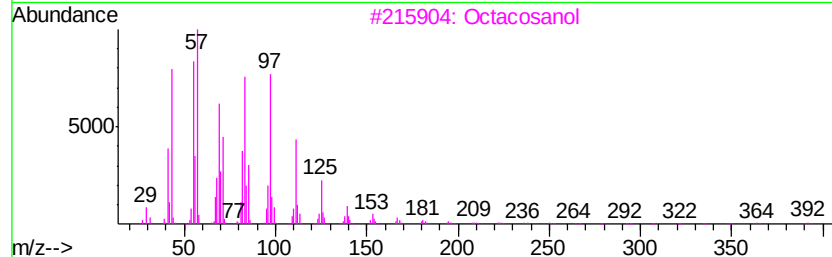
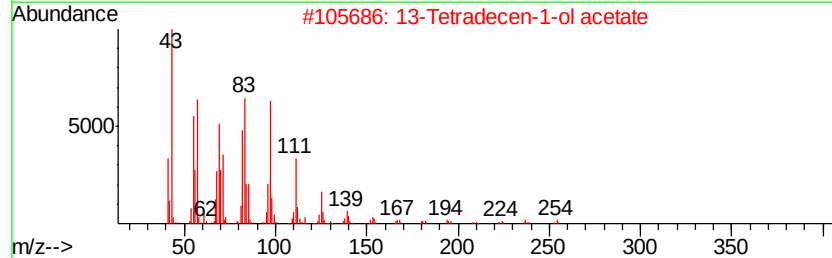
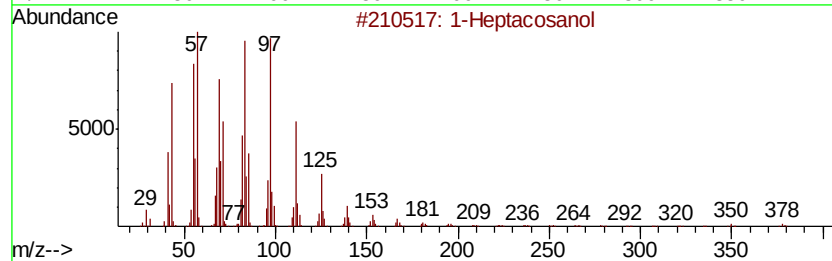
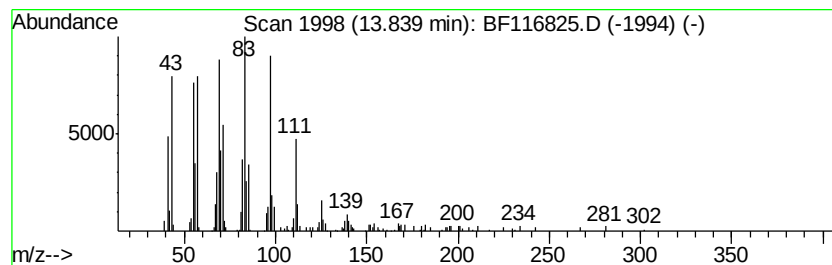
Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	9.77 ng	242631	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	90
2	13-Tetradecen-1-ol acetate	254 C16H30O2	056221-91-1	68
3	Octacosanol	410 C28H58O	000557-61-9	62
4	Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8	62
5	Trifluoroacetic acid, n-tridecyl ...	296 C15H27F3O2	053800-02-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

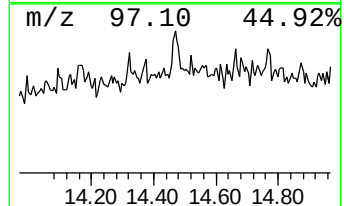
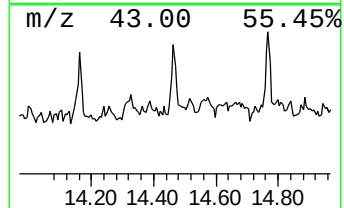
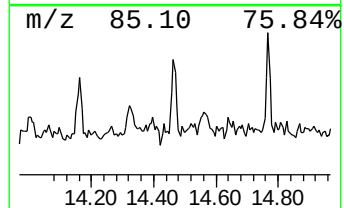
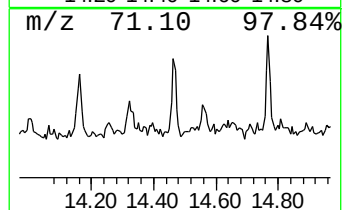
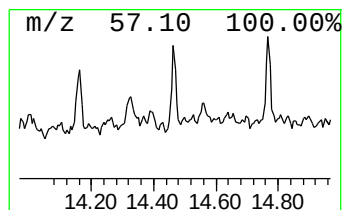
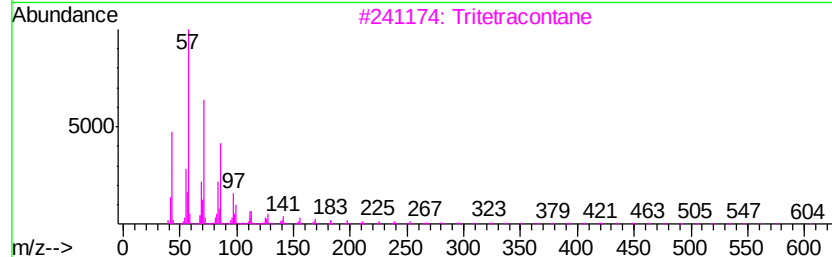
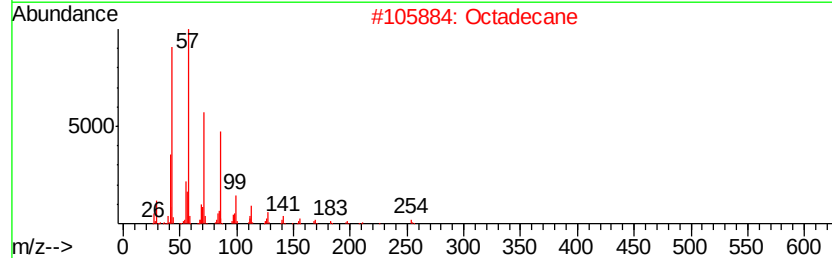
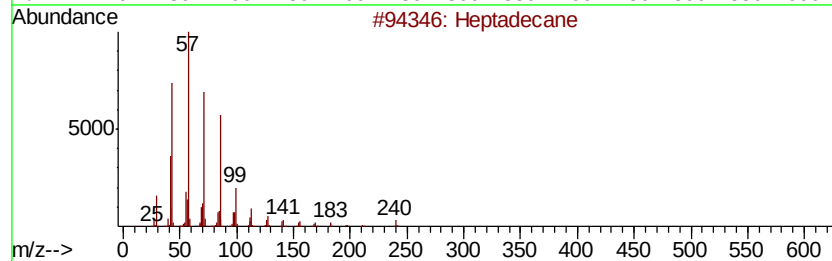
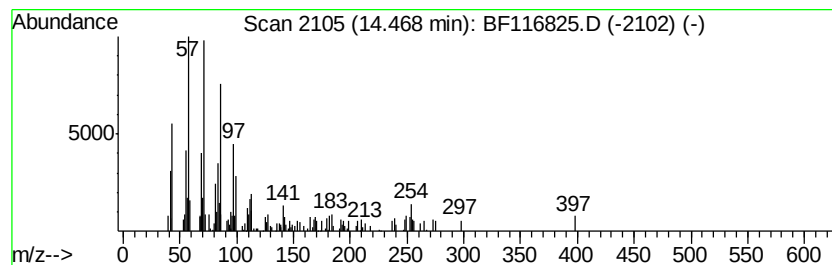
Instrument :
BNA_F
ClientSampleID :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.63 ng	65336	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	89
2	Octadecane	254 C18H38	000593-45-3	89
3	Tritetracontane	605 C43H88	007098-21-7	80
4	Hentriacontane	437 C31H64	000630-04-6	68
5	10-Methylnonadecane	282 C20H42	056862-62-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

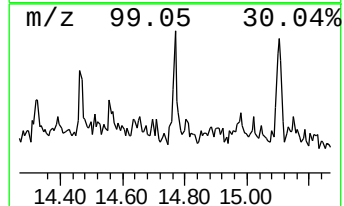
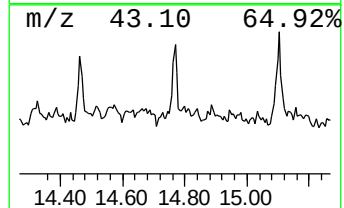
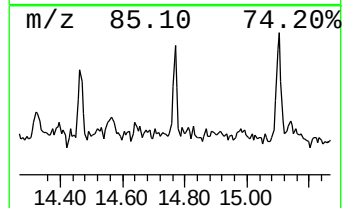
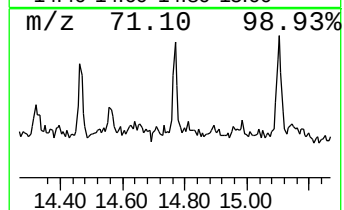
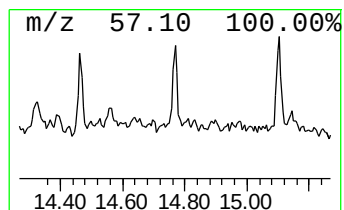
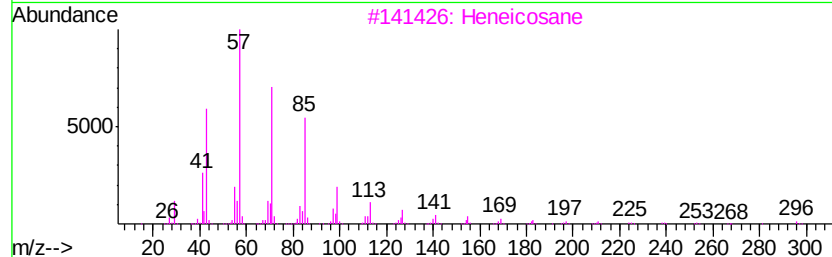
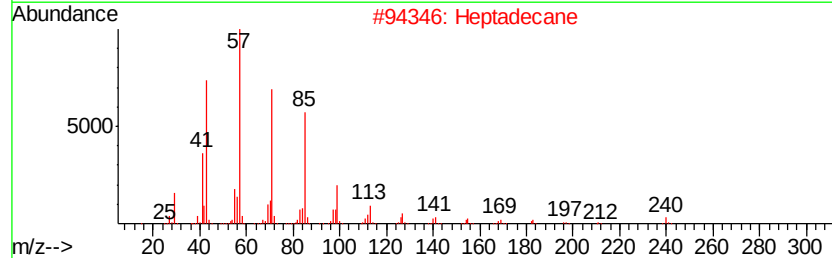
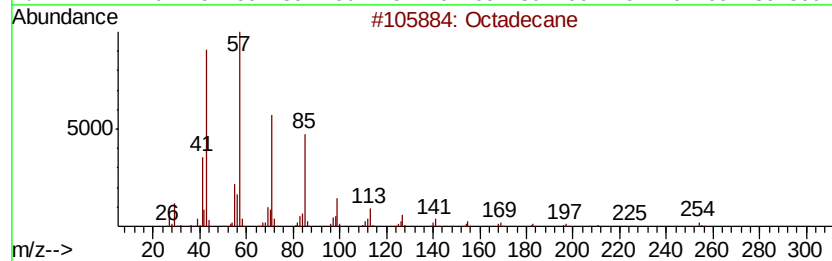
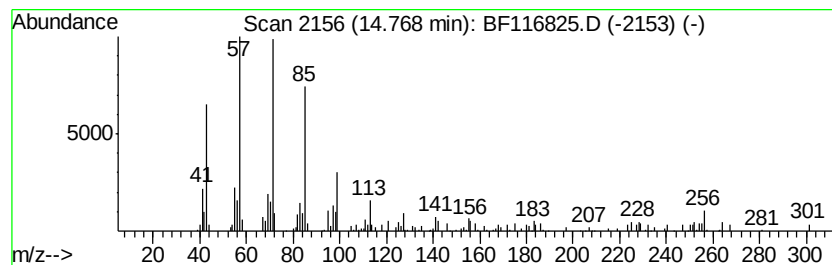
Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.77	3.35 ng	56260	Perylene-d12		15.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	81
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

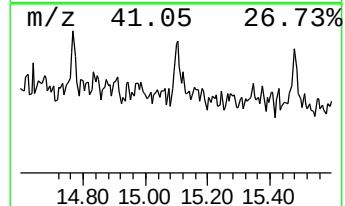
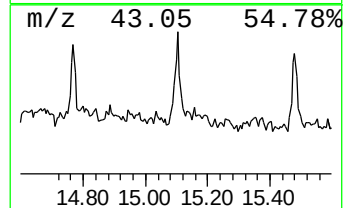
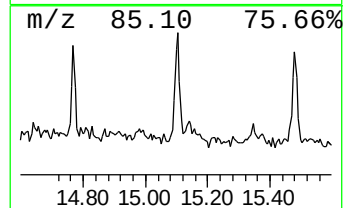
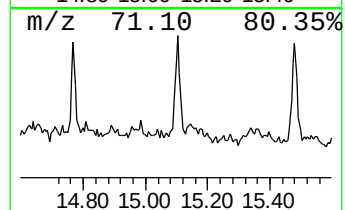
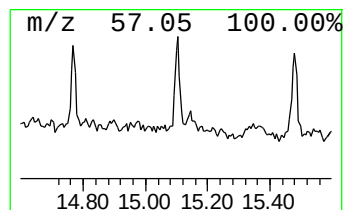
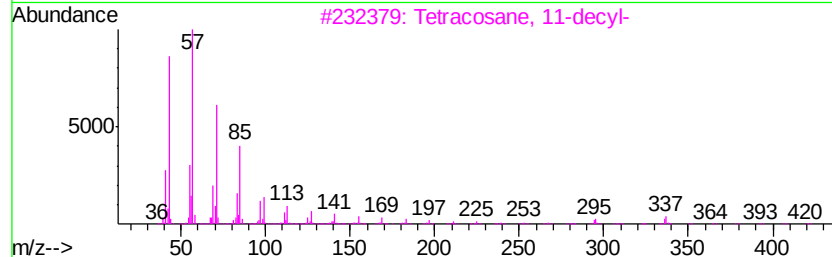
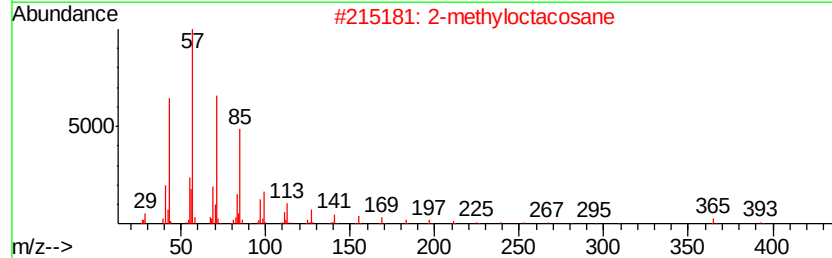
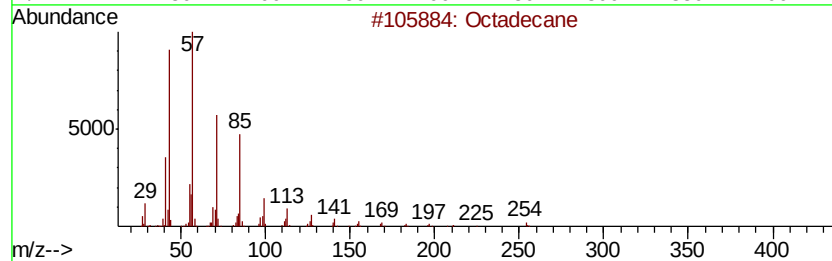
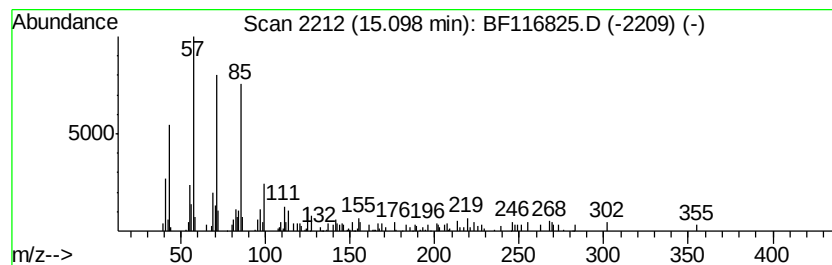
Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.33 ng	106206	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecane	254 C18H38	000593-45-3 90
2		2-methyloctacosane	408 C29H60	1000376-72-8 83
3		Tetracosane, 11-decyl-	479 C34H70	055429-84-0 80
4		2-methyltetracosane	352 C25H52	1000376-72-6 80
5		Dodecane, 2-methyl-	184 C13H28	001560-97-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

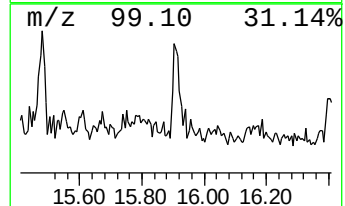
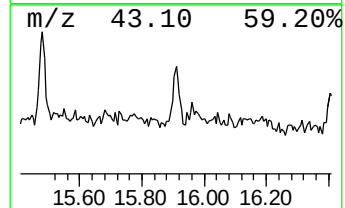
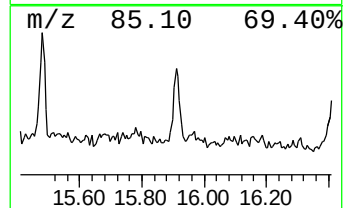
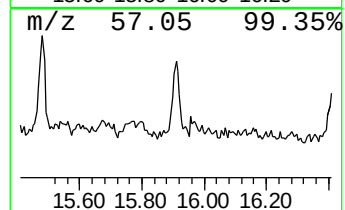
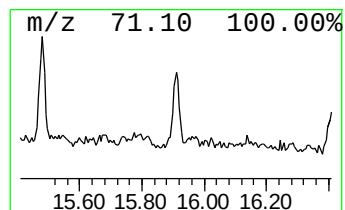
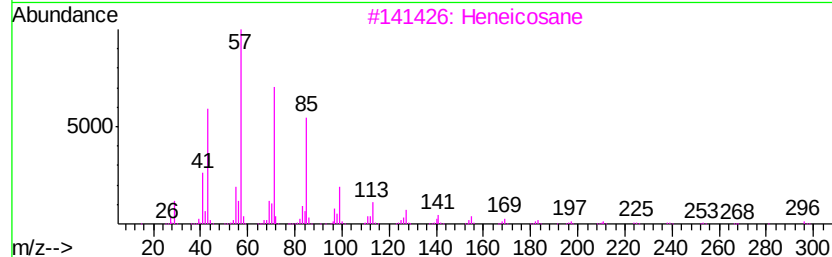
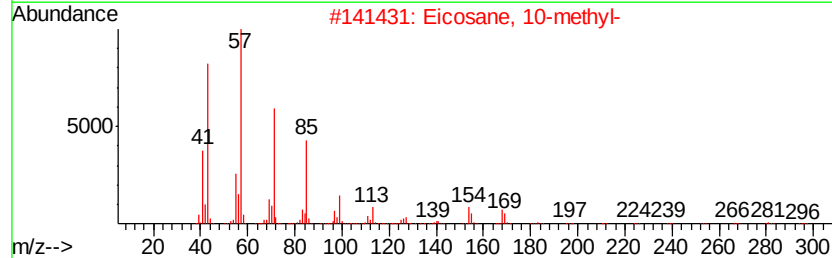
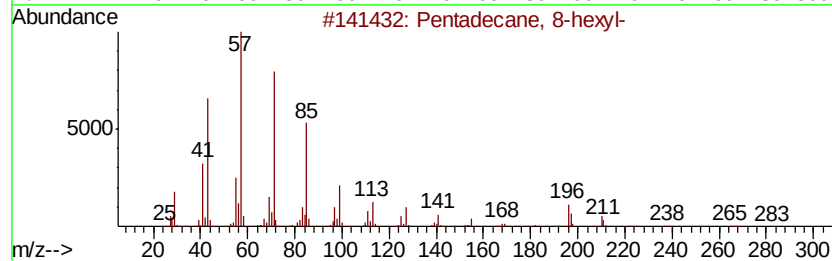
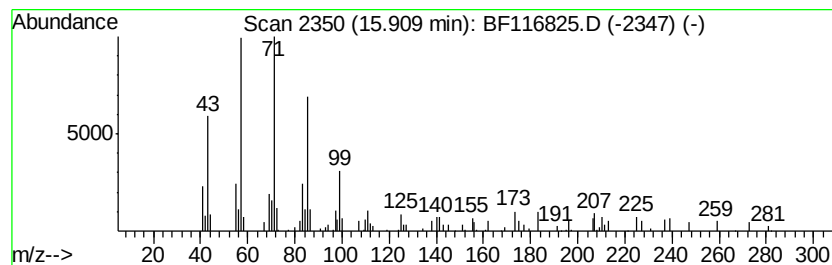
Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.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 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.91	3.34 ng	56100	Perylene-d12		15.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
3	Heneicosane	296	C21H44	000629-94-7	59
4	Hexacosane	366	C26H54	000630-01-3	53
5	Tetratetracontane	619	C44H90	007098-22-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	82.2	ng	1621990	1	6.85	394751	20.0
Ethanol, 2-(2-eth...	6.67	4.0	ng	78089	1	6.85	394751	20.0
n-Hexadecanoic acid	11.89	3.6	ng	95685	4	11.36	527506	20.0
Benzaldehyde, 3,5...	11.97	2.6	ng	68287	4	11.36	527506	20.0
1-Heptacosanol	13.84	9.8	ng	242631	5	14.00	496503	20.0
Heptadecane	14.47	2.6	ng	65336	5	14.00	496503	20.0
Octadecane	14.77	3.4	ng	56260	6	15.45	335523	20.0
2-methyloctacosane	15.10	6.3	ng	106206	6	15.45	335523	20.0
Pentadecane, 8-he...	15.91	3.3	ng	56100	6	15.45	335523	20.0