

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
 Data File : BF116992.D
 Acq On : 12 Sep 2019 15:22
 Operator : HP/JU
 Sample : K4852-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

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	5.016	496	498	504	rVB	12745	14050	1.43%	0.143%
2	5.434	565	569	585	rBV	855968	817147	83.42%	8.308%
3	6.451	738	742	757	rBV	1009286	919529	93.87%	9.349%
4	6.592	762	766	778	rVV	1076793	919031	93.82%	9.344%
5	6.822	802	805	813	rBV	292903	253738	25.90%	2.580%
6	6.981	828	832	845	rBV	765062	647912	66.14%	6.587%
7	7.381	896	900	918	rBV	557129	540585	55.18%	5.496%
8	8.104	1019	1023	1038	rBV	313480	329425	33.63%	3.349%
9	9.175	1201	1205	1222	rBV	1108008	979248	99.96%	9.956%
10	9.292	1222	1225	1235	rVB	39270	37906	3.87%	0.385%
11	9.569	1268	1272	1278	rBV	75806	75936	7.75%	0.772%
12	9.851	1317	1320	1332	rBV	413052	381834	38.98%	3.882%
13	10.639	1450	1454	1468	rBV	569820	588662	60.09%	5.985%
14	11.333	1568	1572	1580	rBV	379670	380309	38.82%	3.867%
15	11.857	1659	1661	1666	rBV2	32543	34768	3.55%	0.353%
16	12.392	1747	1752	1772	rBV4	60664	194819	19.89%	1.981%
17	12.545	1775	1778	1781	rBV	40042	34991	3.57%	0.356%
18	12.574	1781	1783	1786	rVB	30544	23444	2.39%	0.238%
19	12.645	1791	1795	1802	rBV2	10561	17543	1.79%	0.178%
20	12.774	1812	1817	1822	rBV	36601	46408	4.74%	0.472%
21	12.916	1837	1841	1844	rBV	1088180	979615	100.00%	9.960%
22	13.145	1876	1880	1883	rBV3	15831	21073	2.15%	0.214%
23	13.486	1935	1938	1941	rVB4	18311	15110	1.54%	0.154%
24	13.763	1981	1985	1989	rVB2	11444	14439	1.47%	0.147%
25	13.815	1989	1994	1995	rBV2	31759	39561	4.04%	0.402%
26	13.833	1995	1997	2005	rVB8	22736	42996	4.39%	0.437%
27	13.968	2013	2020	2027	rBV	364513	389989	39.81%	3.965%
28	14.127	2044	2047	2052	rBV2	34797	35952	3.67%	0.366%
29	14.433	2094	2099	2105	rBV2	60224	63711	6.50%	0.648%
30	14.733	2145	2150	2154	rBV	89618	103140	10.53%	1.049%
31	14.810	2156	2163	2176	rVB4	36829	124502	12.71%	1.266%
32	14.998	2190	2195	2198	rBV3	26472	47460	4.84%	0.483%
33	15.062	2202	2206	2211	rVB	91799	101882	10.40%	1.036%
34	15.292	2241	2245	2250	rBV3	14308	21485	2.19%	0.218%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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	15.351	2252	2255	2259	rVB2	16787	22444	2.29%	0.228%
36	15.415	2260	2266	2275	rBV2	252839	427760	43.67%	4.349%
37	15.851	2336	2340	2347	rVB	51024	73035	7.46%	0.743%
38	16.339	2419	2423	2430	rVB2	29082	53639	5.48%	0.545%
39	16.915	2515	2521	2525	rBV4	10358	20409	2.08%	0.208%

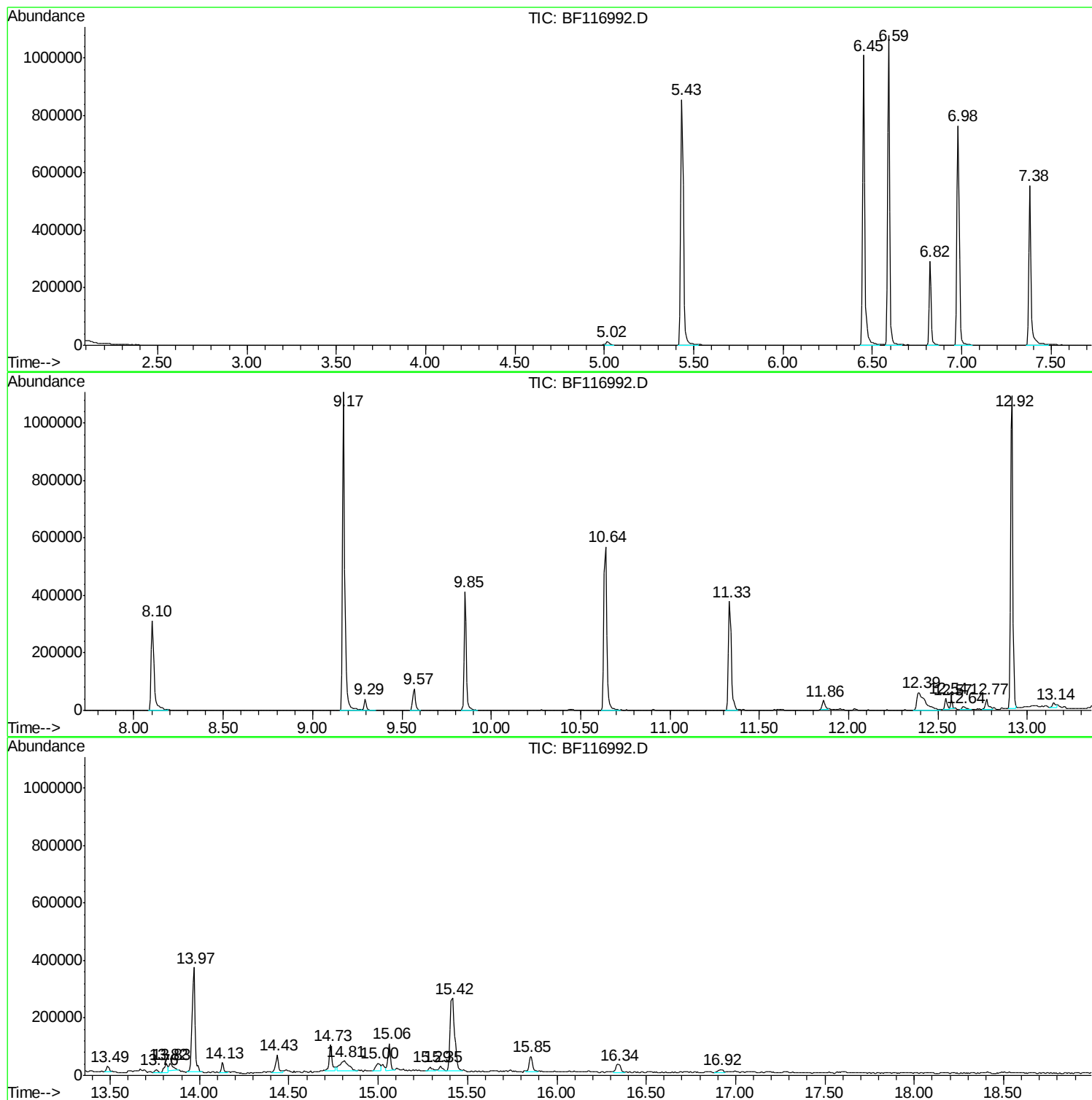
Sum of corrected areas: 9835487

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

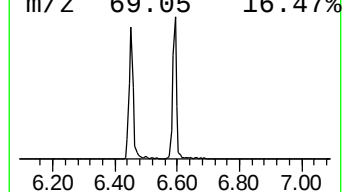
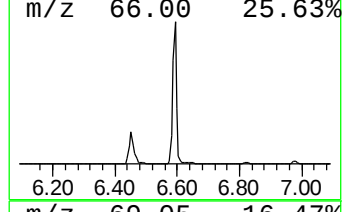
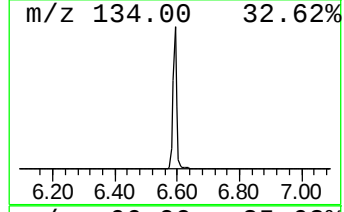
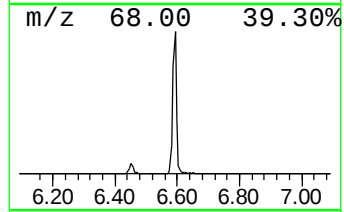
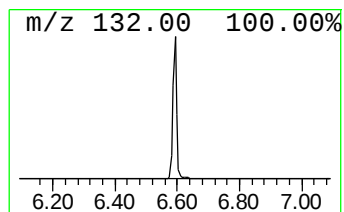
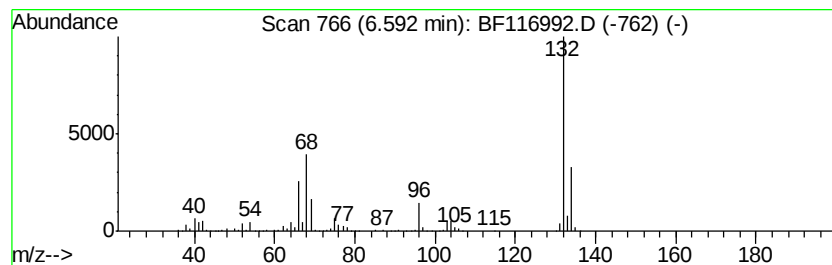
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	72.44 ng	919031	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

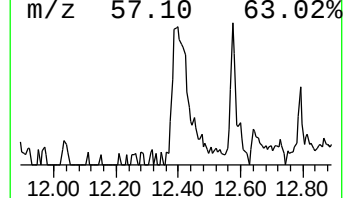
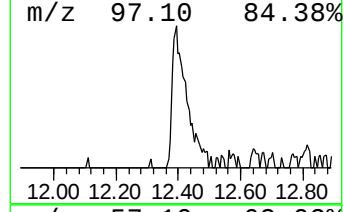
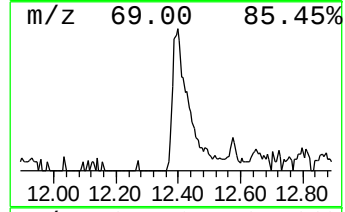
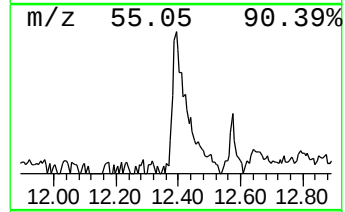
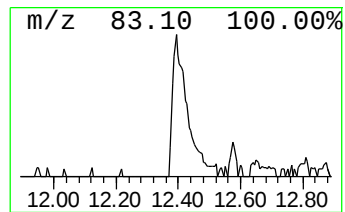
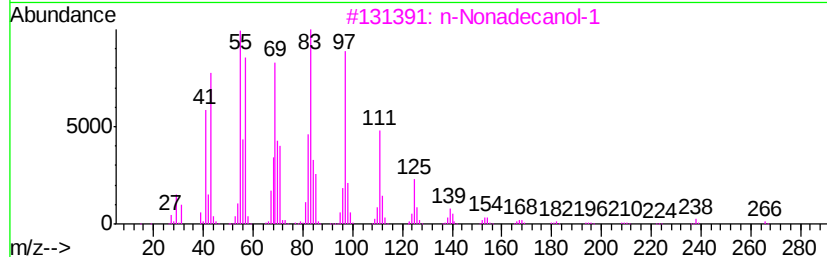
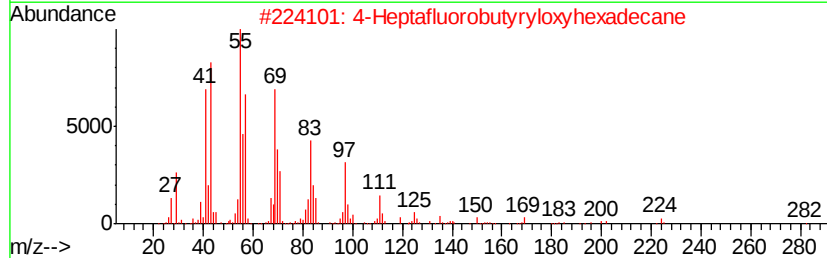
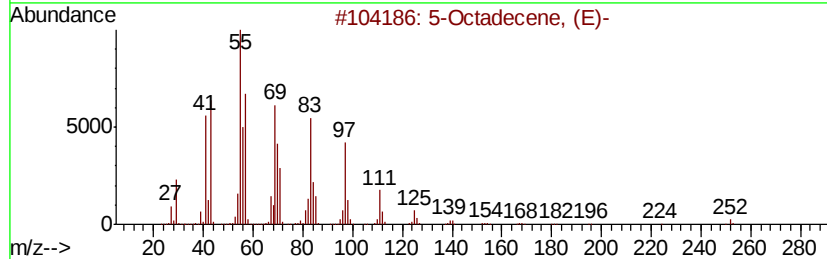
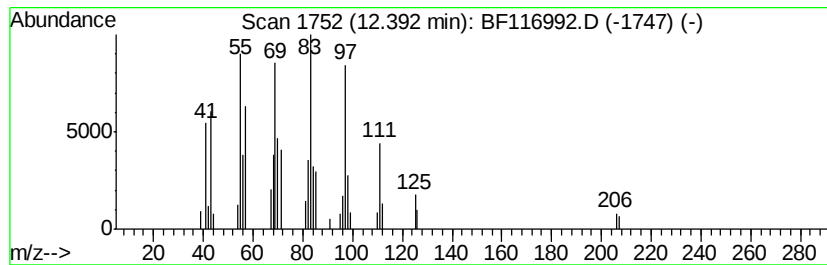
Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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 3 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.39	10.25 ng	194819	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	4-Heptafluorobutylrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

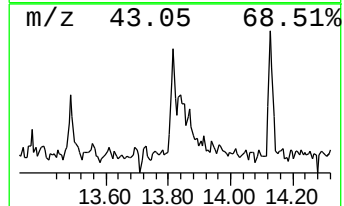
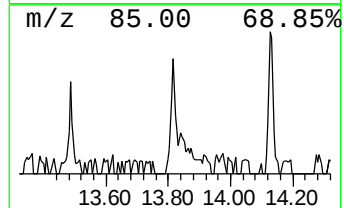
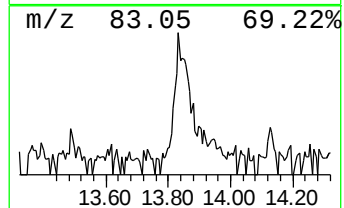
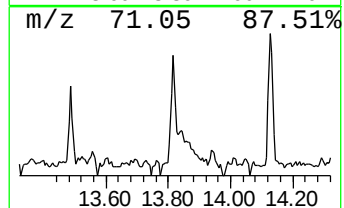
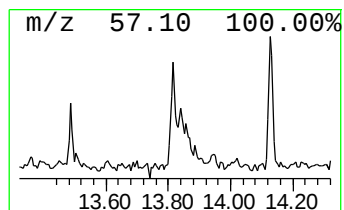
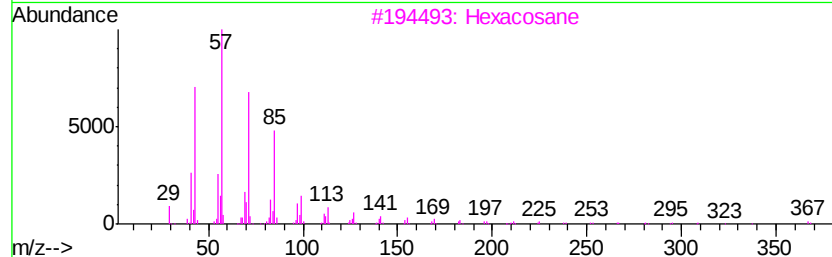
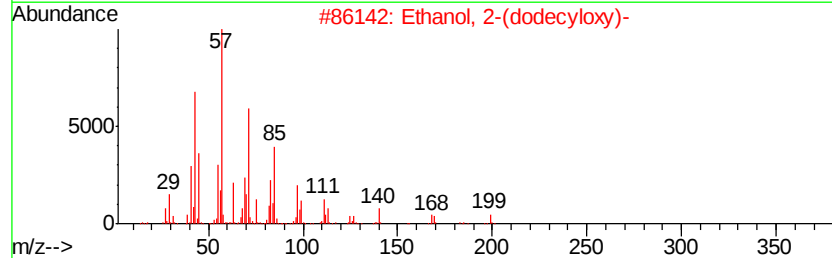
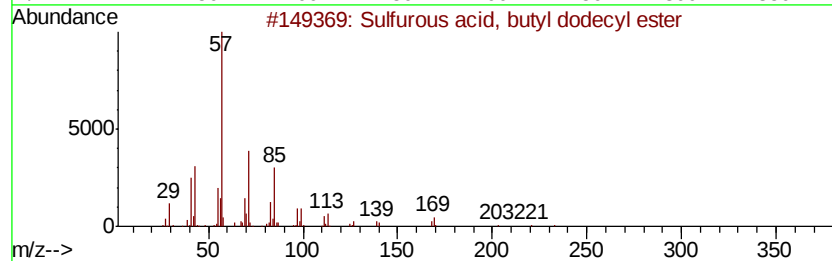
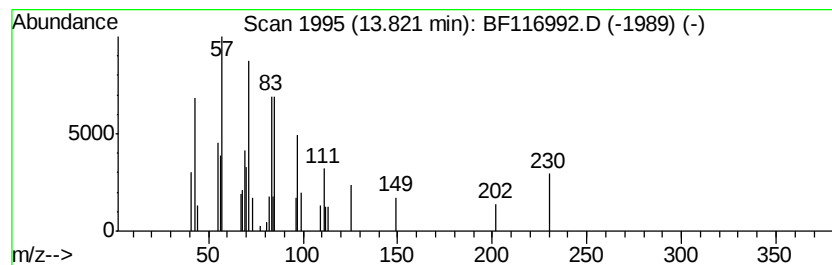
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl dodec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.03 ng	39561	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
2		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3		Hexacosane	366	C26H54	000630-01-3	64
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
5		Dodecane	170	C12H26	000112-40-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

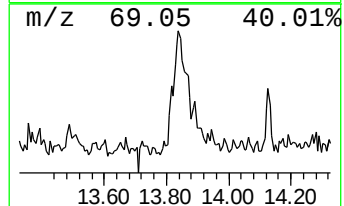
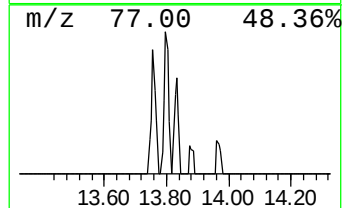
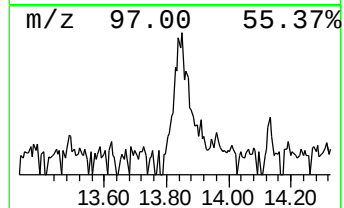
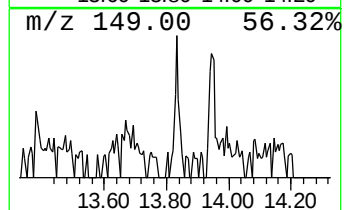
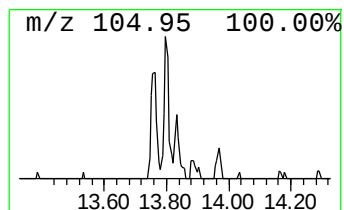
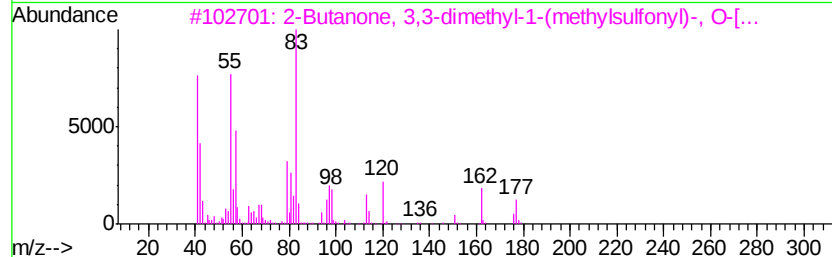
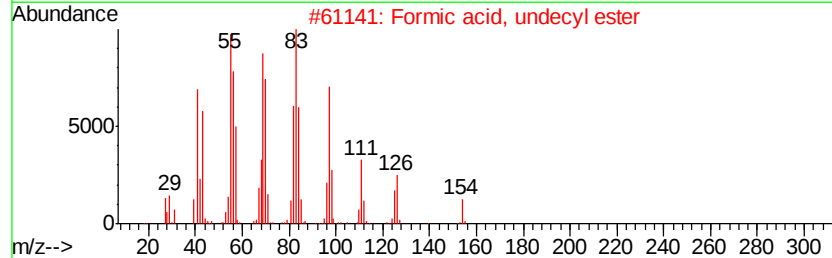
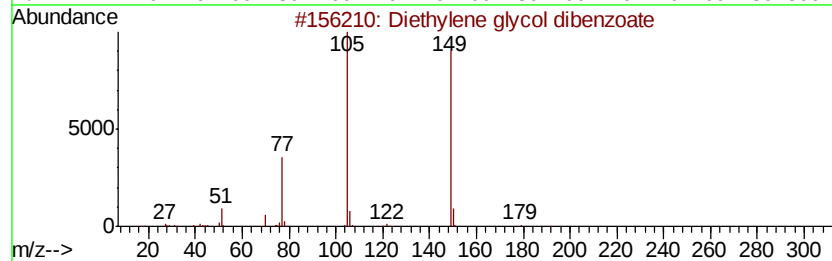
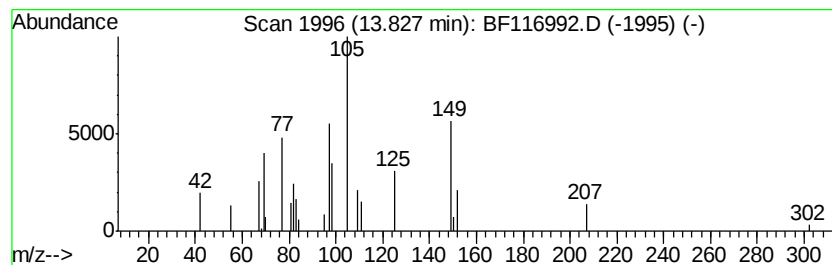
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.83 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.20 ng	42996	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	17
2		Formic acid, undecyl ester	200	C12H24O2	1000368-25-0	10
3		2-Butanone, 3,3-dimethyl-1-(meth...	250	C9H18N2O4S	039184-59-3	10
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	10
5		Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

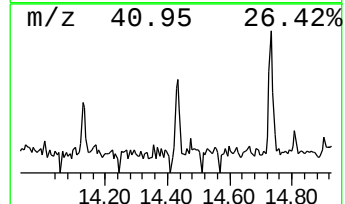
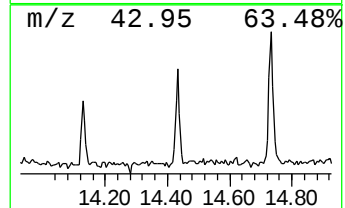
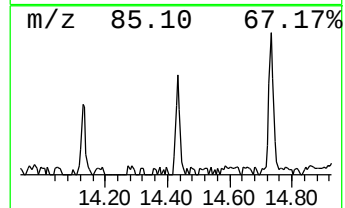
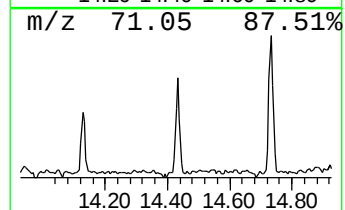
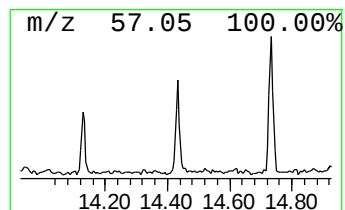
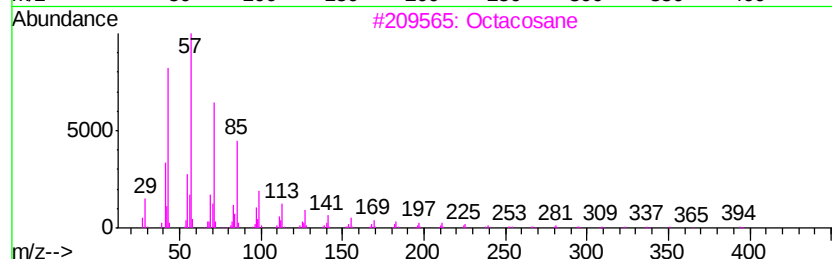
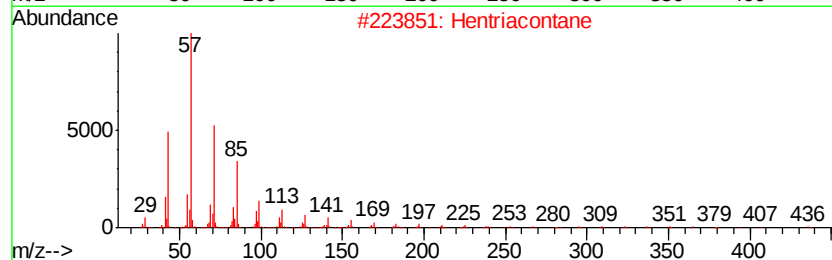
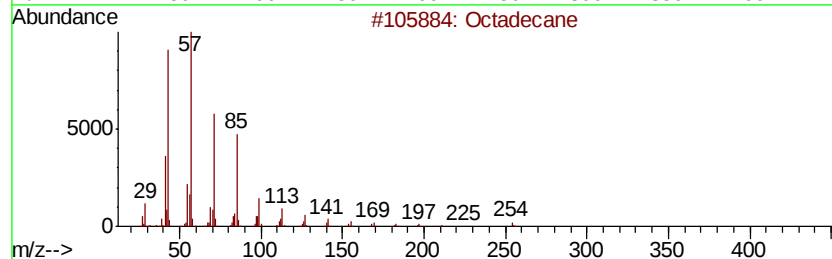
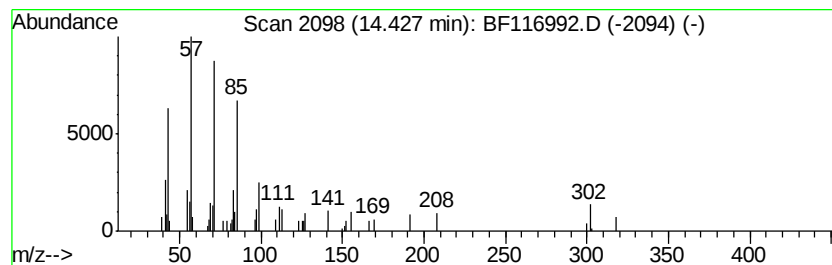
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.27 ng	63711	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

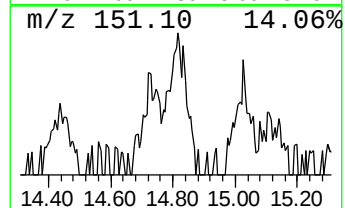
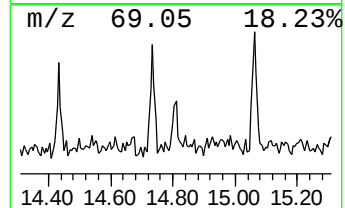
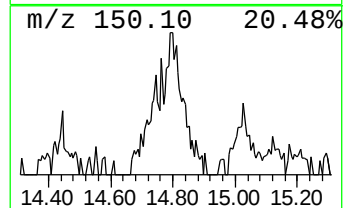
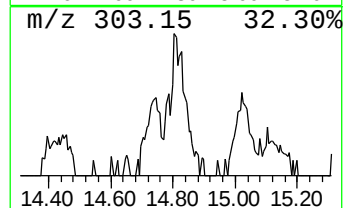
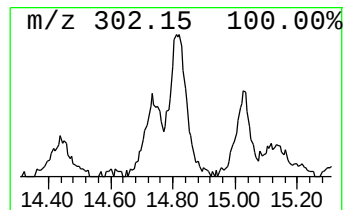
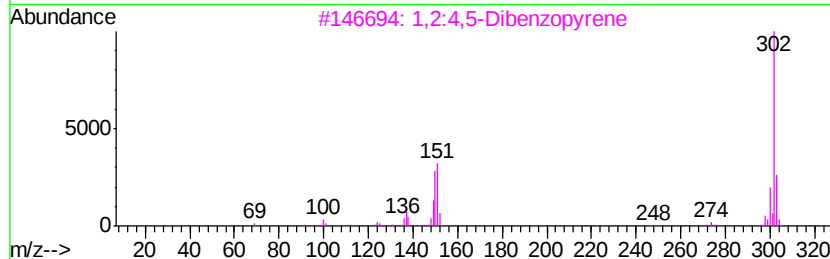
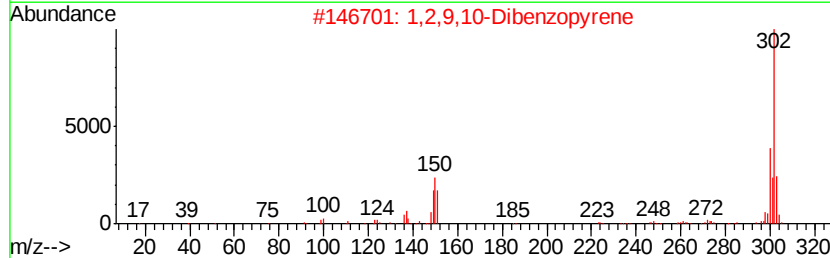
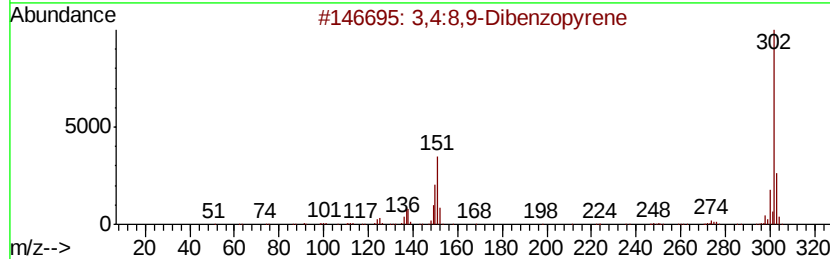
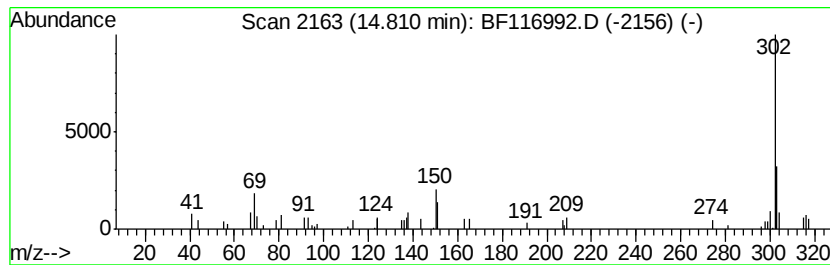
Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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 3,4:8,9-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.81	5.82 ng	124502	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopvrene	302	C24H14	000189-64-0	72
2	1,2,9,10-Dibenzopvrene	302	C24H14	000191-30-0	72
3	1,2:4,5-Dibenzopvrene	302	C24H14	000192-65-4	64
4	Dibenzo(a,i)pvrene	302	C24H14	000189-55-9	58
5	Chromium, pentamethylcyclopentad...	302	C19H22Cr	1000158-08-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

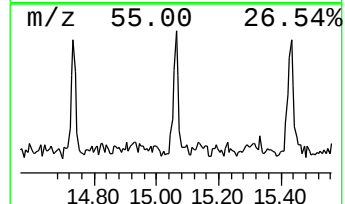
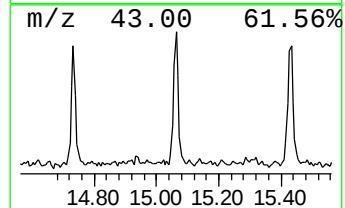
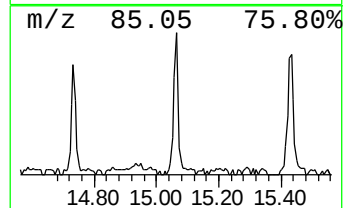
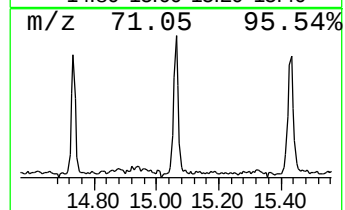
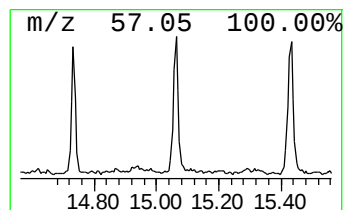
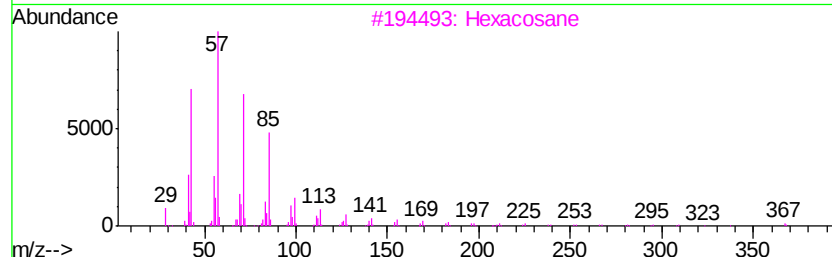
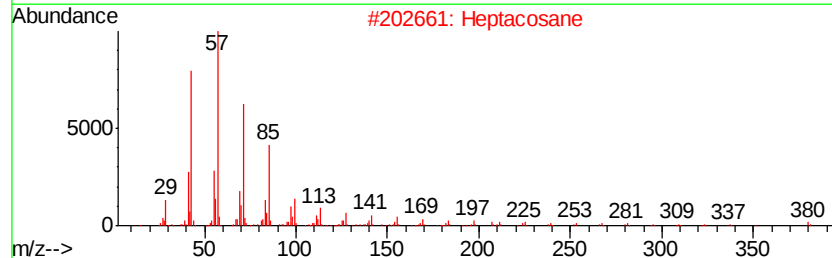
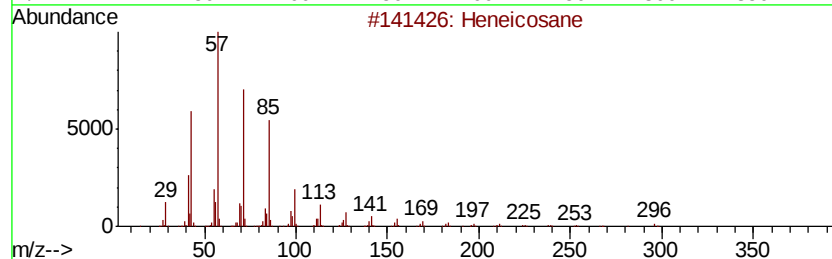
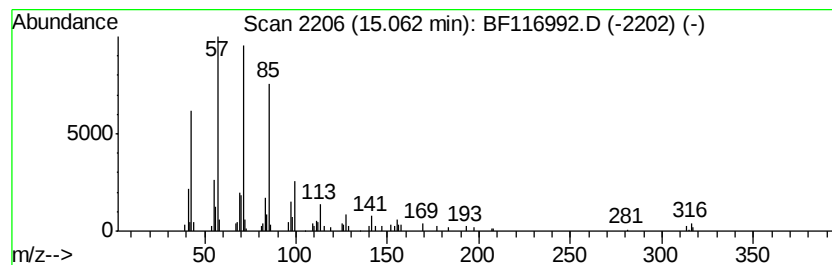
Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.76 ng	101882	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	87
2	Heptacosane	380 C27H56	000593-49-7	80
3	Hexacosane	366 C26H54	000630-01-3	80
4	Octadecane	254 C18H38	000593-45-3	80
5	Heptadecane	240 C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

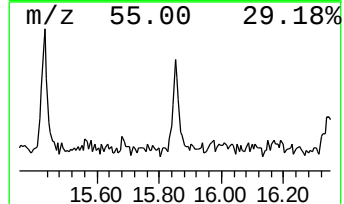
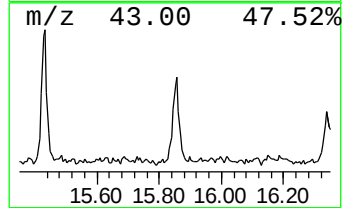
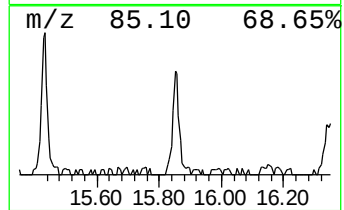
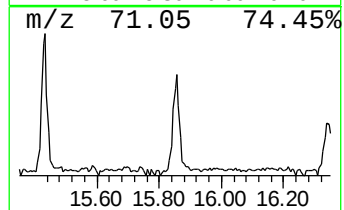
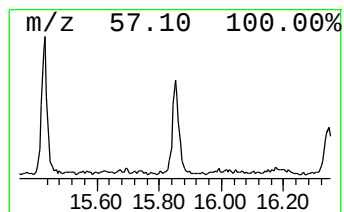
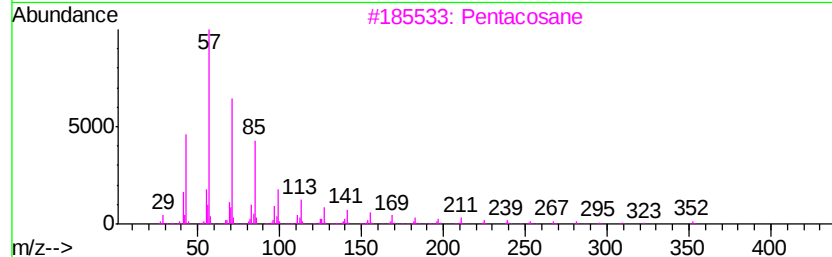
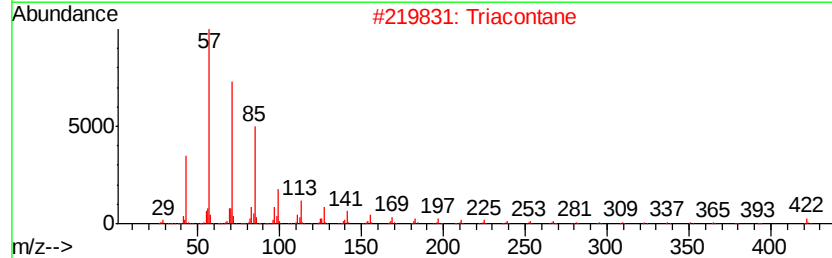
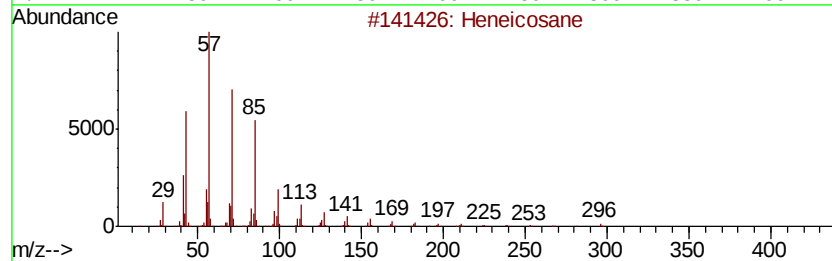
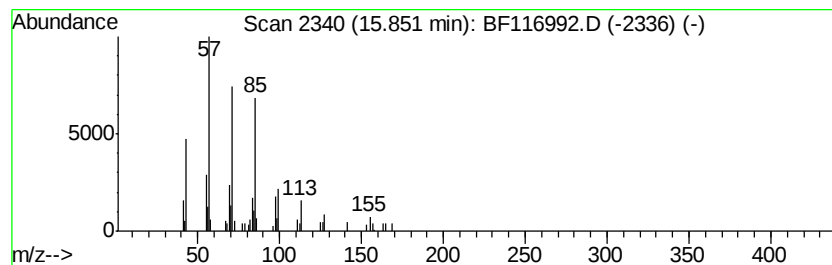
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	3.41 ng	73035	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Triacontane	422	C30H62	000638-68-6	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116992.D
 Acq On : 12 Sep 2019 15:22
 Operator : HP/JU
 Sample : K4852-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

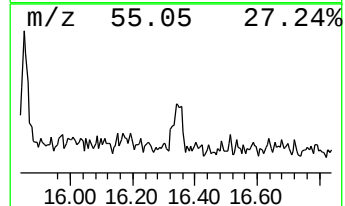
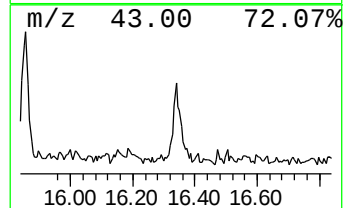
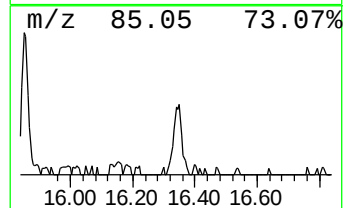
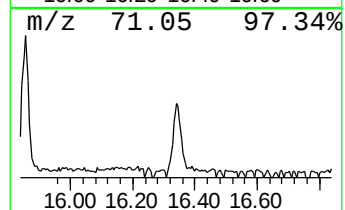
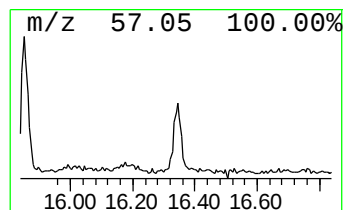
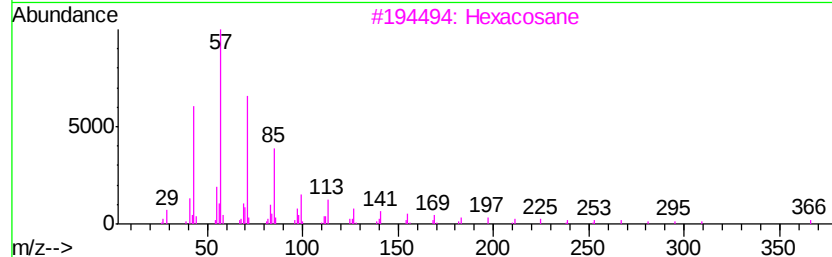
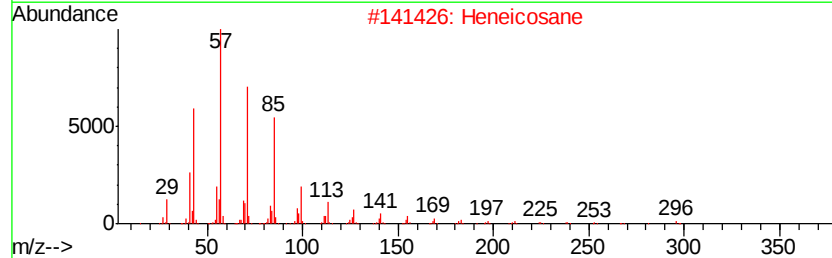
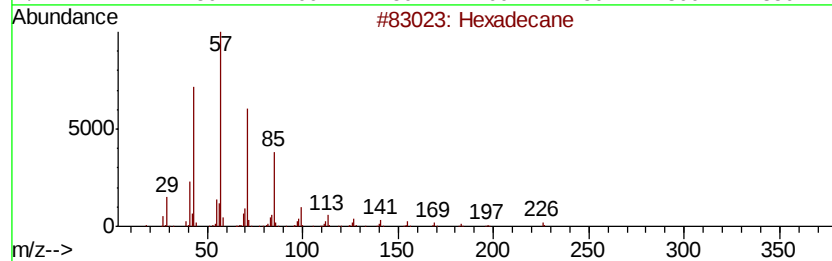
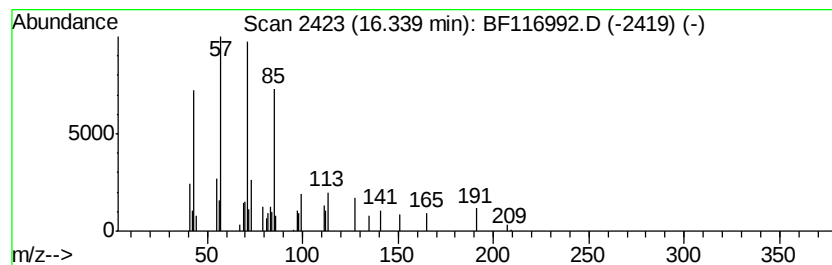
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.51 ng	53639	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	59
2		Heneicosane	296	C21H44	000629-94-7	58
3		Hexacosane	366	C26H54	000630-01-3	53
4		triacontane	422	C30H62	000638-68-6	53
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

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
unknown6.59	6.59	72.4	ng	919031	1	6.82	253738	20.0
5-Octadecene, (E)-	12.39	10.3	ng	194819	4	11.33	380309	20.0
Sulfurous acid, b...	13.82	2.0	ng	39561	5	13.97	389989	20.0
unknown13.83	13.83	2.2	ng	42996	5	13.97	389989	20.0
Octadecane	14.43	3.3	ng	63711	5	13.97	389989	20.0
3,4:8,9-Dibenzopy...	14.81	5.8	ng	124502	6	15.42	427760	20.0
Heneicosane	15.06	4.8	ng	101882	6	15.42	427760	20.0
Triacontane	15.85	3.4	ng	73035	6	15.42	427760	20.0
Hexadecane	16.34	2.5	ng	53639	6	15.42	427760	20.0