

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116831.D
 Acq On : 5 Sep 2019 12:15
 Operator : HP/JU
 Sample : K4618-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-22-24

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	5.463	570	574	578	rBV	1417520	1370213	69.83%	6.214%
2	6.481	742	747	763	rBV	1634693	1633147	83.22%	7.406%
3	6.616	766	770	773	rBV	1757660	1544606	78.71%	7.005%
4	6.845	806	809	813	rBV	435285	346413	17.65%	1.571%
5	7.004	832	836	839	rBV	1416962	1116935	56.92%	5.065%
6	7.404	899	904	907	rBV	1069935	899193	45.82%	4.078%
7	8.127	1023	1027	1033	rBV	584517	467841	23.84%	2.122%
8	9.204	1206	1210	1213	rBV	1852358	1626468	82.88%	7.376%
9	9.586	1272	1275	1280	rVB	158102	141143	7.19%	0.640%
10	9.880	1321	1325	1329	rBV	680032	538846	27.46%	2.444%
11	10.668	1455	1459	1462	rBV	1044002	910023	46.37%	4.127%
12	10.868	1490	1493	1497	rVB4	21897	21128	1.08%	0.096%
13	11.363	1573	1577	1580	rBV	616828	515002	26.24%	2.336%
14	11.886	1662	1666	1670	rBV	109465	105319	5.37%	0.478%
15	12.063	1692	1696	1700	rBV6	16008	22933	1.17%	0.104%
16	12.668	1796	1799	1803	rBV2	129355	147936	7.54%	0.671%
17	12.945	1840	1846	1849	rBV	1675909	1962340	100.00%	8.899%
18	13.174	1883	1885	1888	rVB	55359	48328	2.46%	0.219%
19	13.345	1912	1914	1917	rBV4	27806	28364	1.45%	0.129%
20	13.421	1925	1927	1930	rBV4	54255	55199	2.81%	0.250%
21	13.457	1930	1933	1937	rVB5	61975	70862	3.61%	0.321%
22	13.521	1941	1944	1945	rBV2	49514	49318	2.51%	0.224%
23	13.633	1960	1963	1967	rBV	1388182	1231637	62.76%	5.586%
24	13.762	1983	1985	1990	rVB3	71688	77967	3.97%	0.354%
25	13.839	1994	1998	2006	rBV2	449473	632135	32.21%	2.867%
26	13.998	2019	2025	2028	rBV	489329	533091	27.17%	2.418%
27	14.127	2045	2047	2050	rVB3	86857	69877	3.56%	0.317%
28	14.162	2050	2053	2055	rBV	130222	110313	5.62%	0.500%
29	14.280	2070	2073	2077	rBV	1141404	1019269	51.94%	4.622%
30	14.468	2102	2105	2110	rBV2	341219	454988	23.19%	2.063%
31	14.768	2153	2156	2163	rVB	344349	402020	20.49%	1.823%
32	14.909	2177	2180	2184	rVB	353513	357464	18.22%	1.621%
33	15.103	2209	2213	2216	rBV	467716	599786	30.56%	2.720%
34	15.456	2269	2273	2275	rBV	314841	416163	21.21%	1.887%

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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

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35	15.480	2275	2277	2285	rVB	415911	553175	28.19%	2.509%
36	15.915	2347	2351	2356	rVB	307874	418310	21.32%	1.897%
37	16.415	2432	2436	2441	rVB	130590	216455	11.03%	0.982%
38	17.580	2629	2634	2646	rVB4	297847	736499	37.53%	3.340%
39	17.833	2672	2677	2692	rVB4	207144	599900	30.57%	2.721%

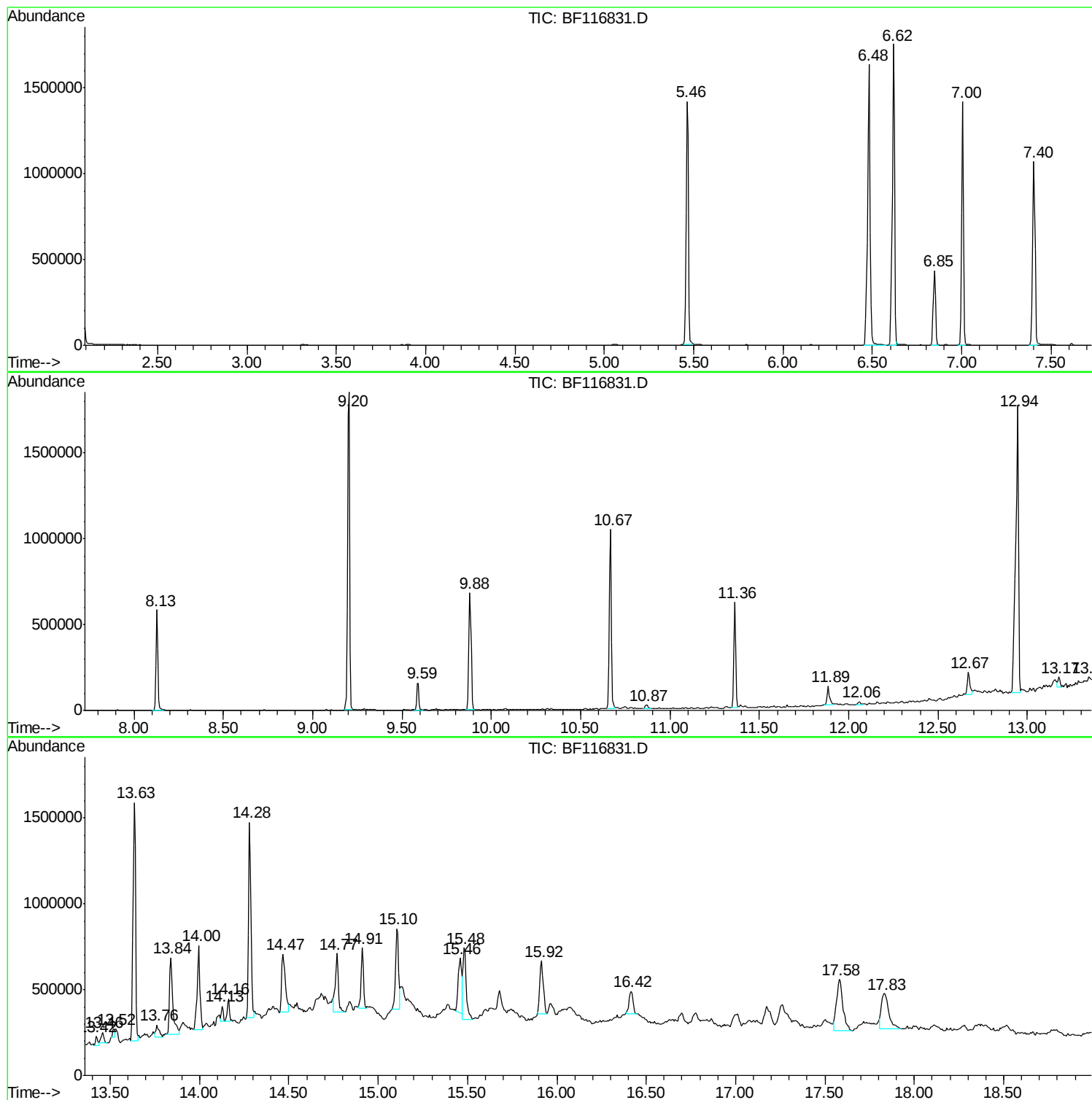
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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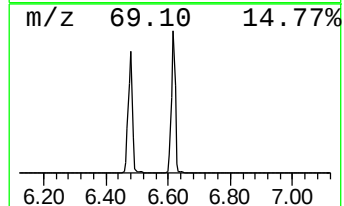
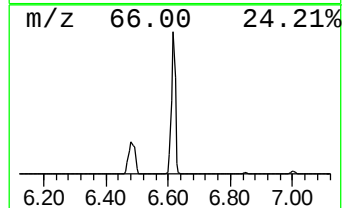
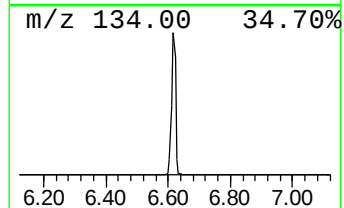
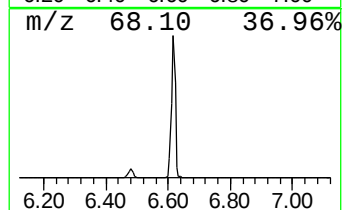
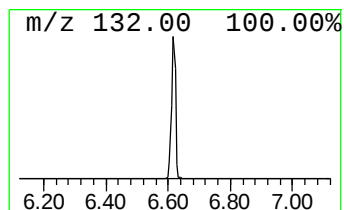
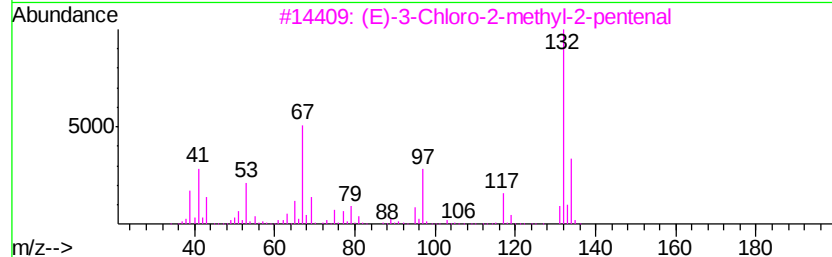
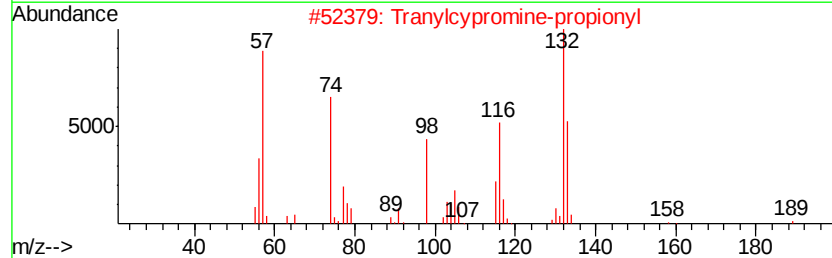
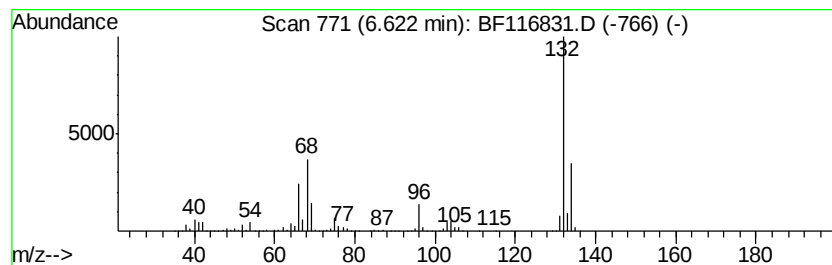
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	89.18 ng	1544610	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	Tranlycypropine-propionyl	189	C12H15NO	1000123-86-3	12	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9	
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	



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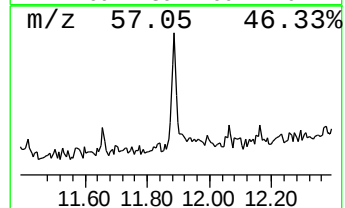
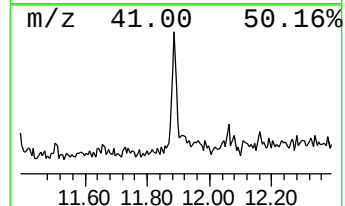
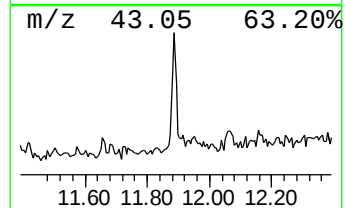
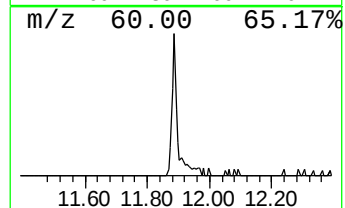
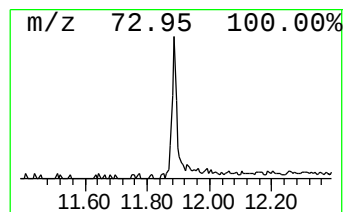
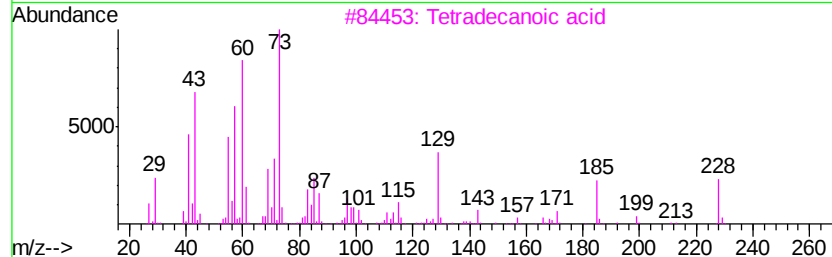
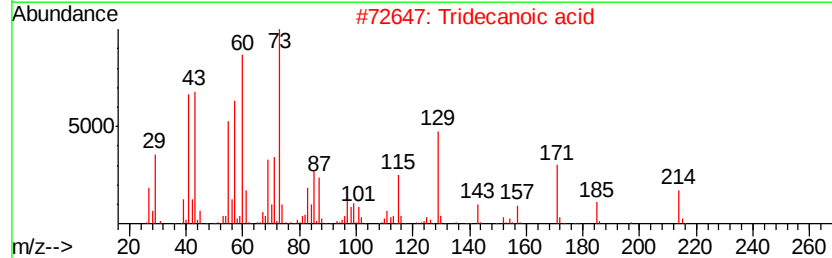
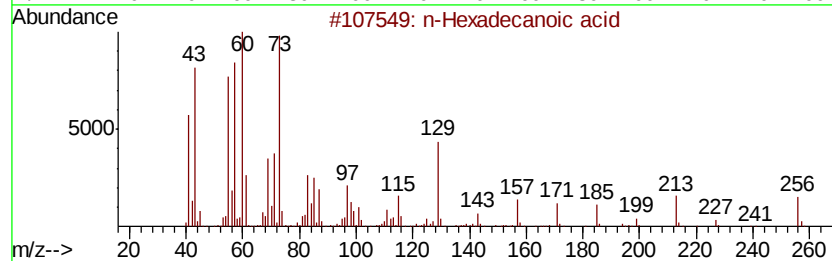
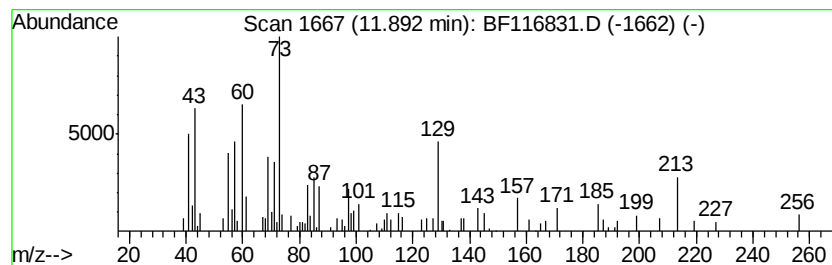
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.89	4.09 ng	105319	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47



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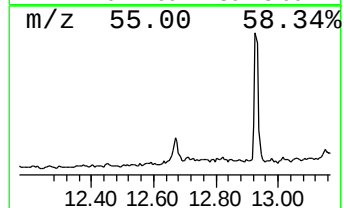
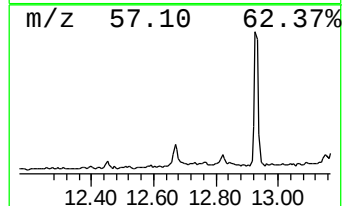
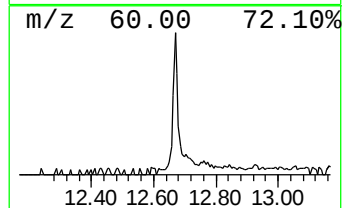
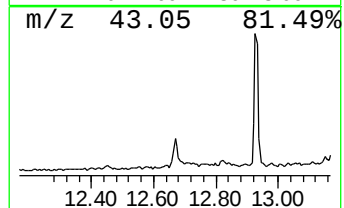
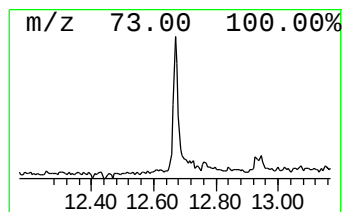
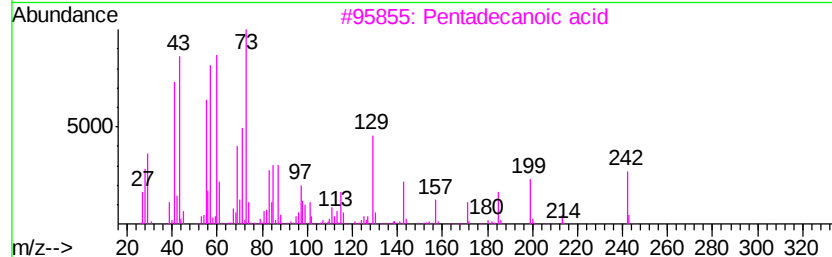
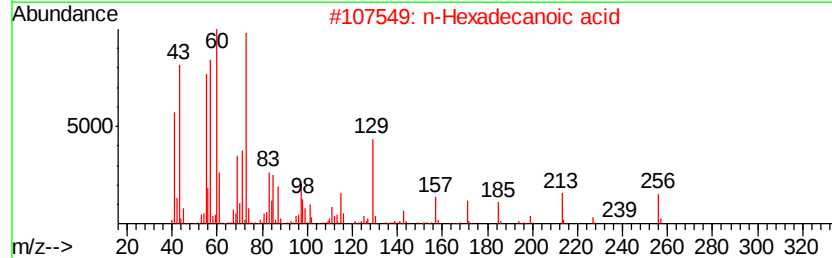
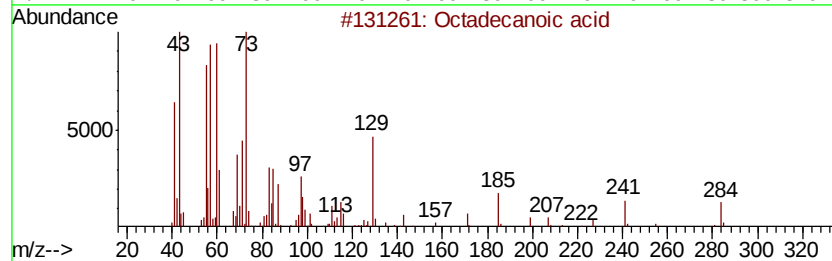
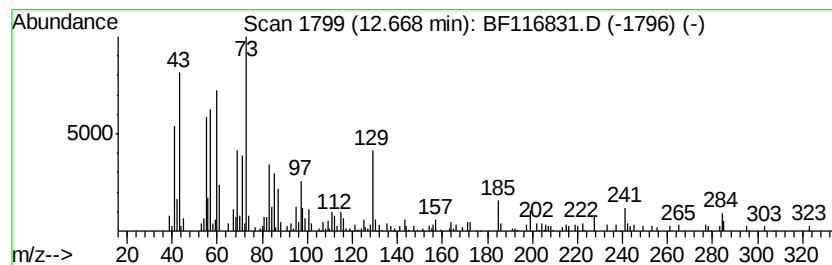
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.75 ng	147936	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	38



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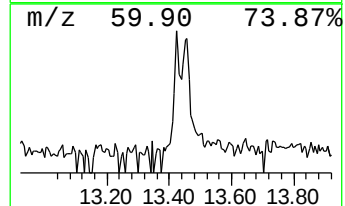
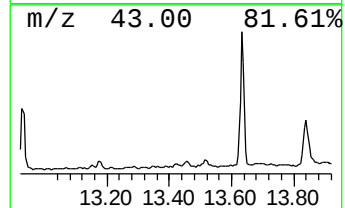
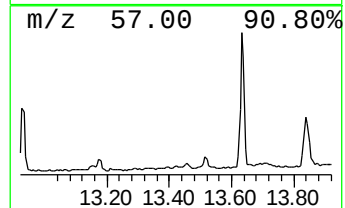
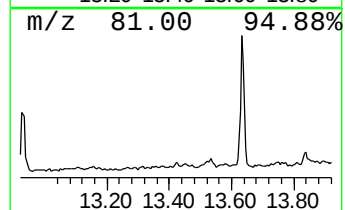
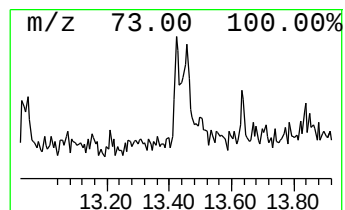
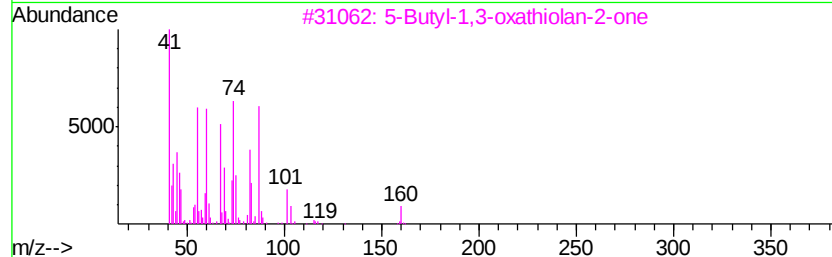
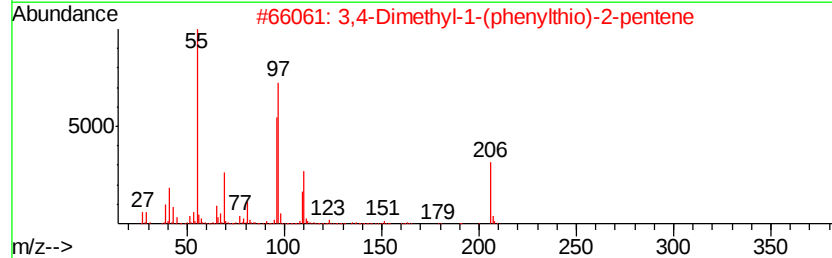
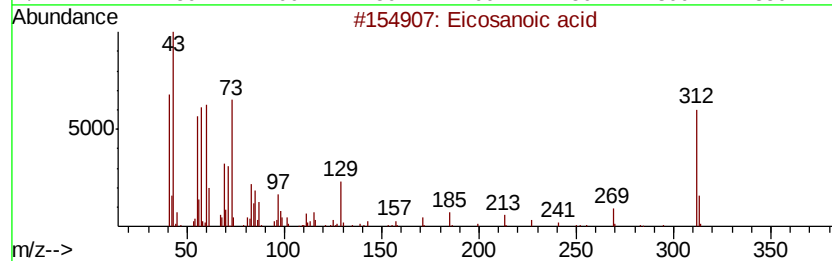
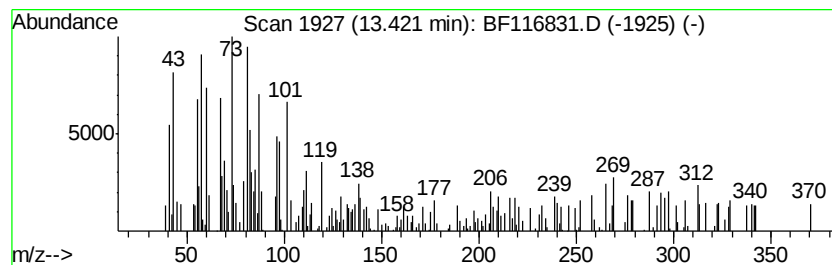
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.07 ng	55199	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid	312	C20H40O2	000506-30-9	38
2		3,4-Dimethyl-1-(phenylthio)-2-pe...	206	C13H18S	1000197-07-1	35
3		5-Butyl-1,3-oxathiolan-2-one	160	C7H12O2S	1000254-54-5	20
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	18
5		Succinic acid, 1-cyclopentylethy...	284	C16H28O4	1000330-20-8	14



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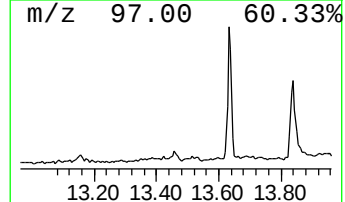
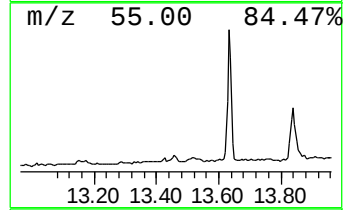
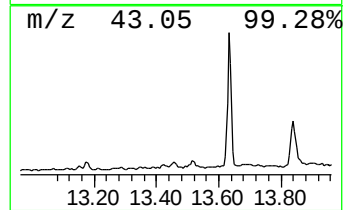
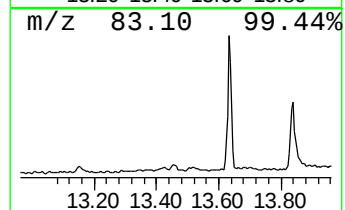
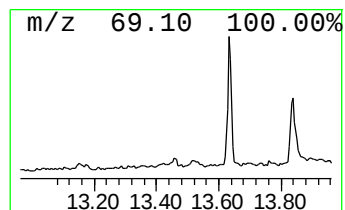
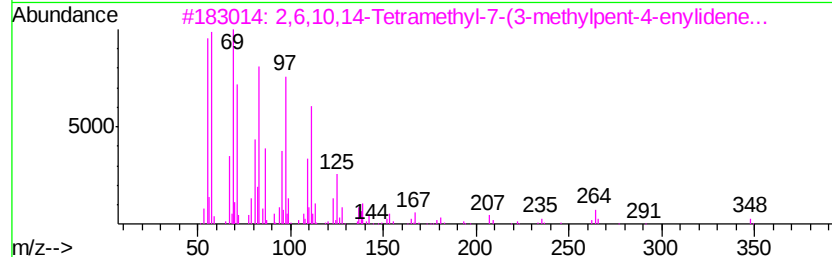
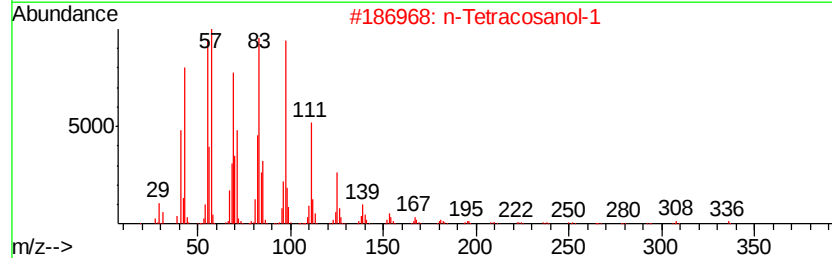
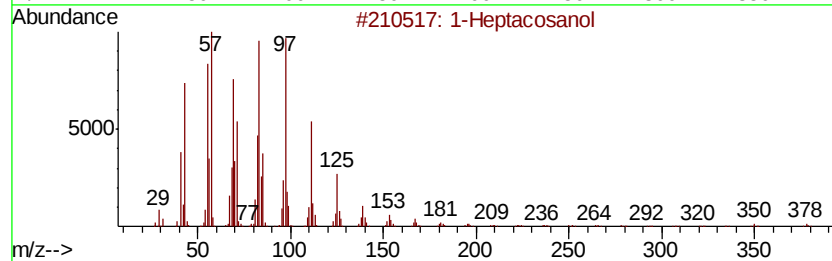
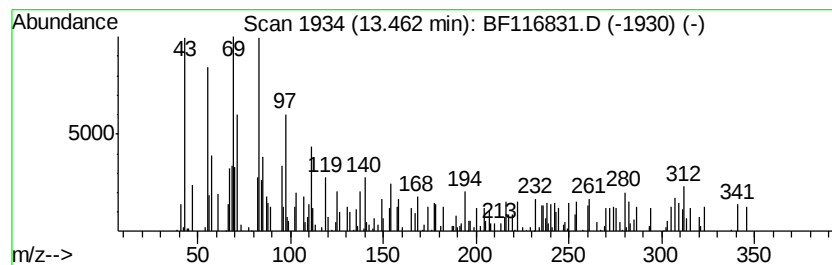
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Peak Number 6 1-Heptacosanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.66 ng	70862	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	93
2	n-Tetracosanol-1	354 C24H50O	000506-51-4	76
3	2,6,10,14-Tetramethyl-7-(3-methyl-...	348 C25H48	1000370-41-6	72
4	Octacosyl acetate	452 C30H60O2	018206-97-8	70
5	Cyclohexane, 1-(1,5-dimethylhexy...	280 C20H40	056009-20-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
Operator : HP/JU
Sample : K4618-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

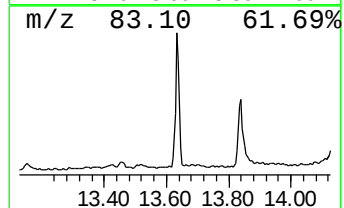
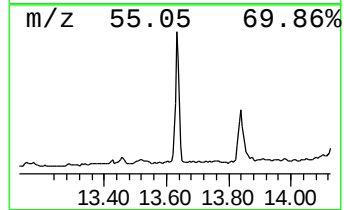
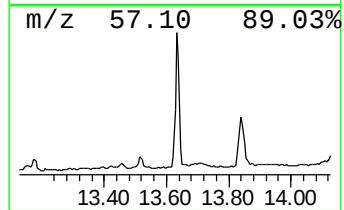
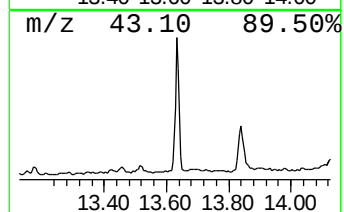
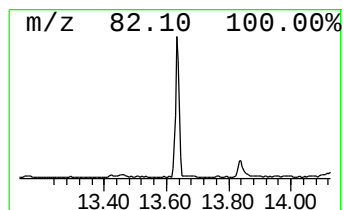
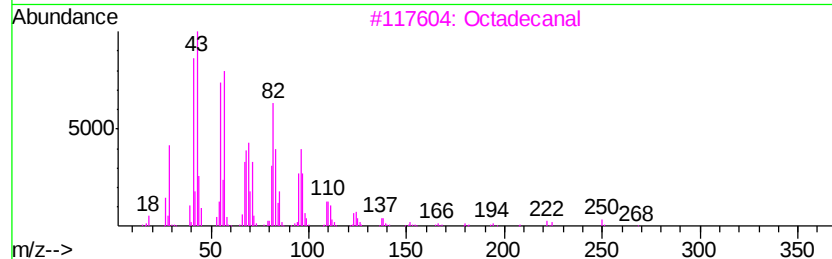
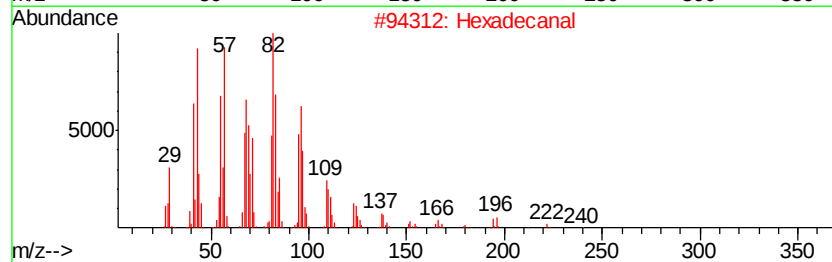
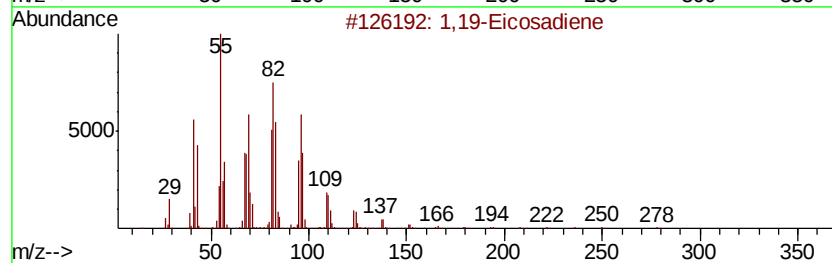
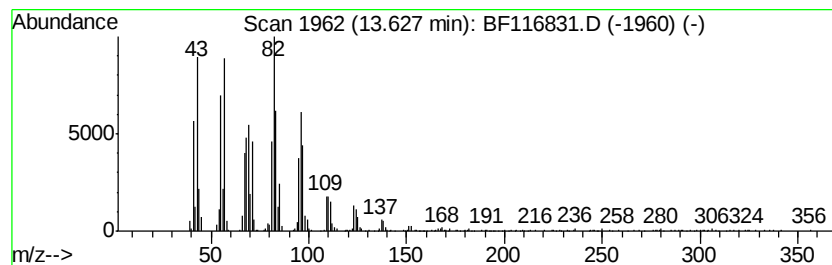
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	46.21 ng	1231640	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Hexadecanal	240	C16H32O	000629-80-1	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
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Misc :
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ClientSampleId :
SB-4-22-24

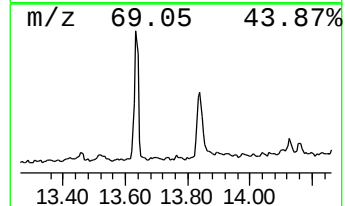
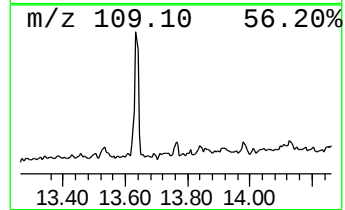
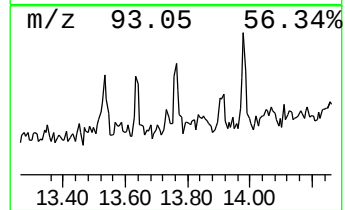
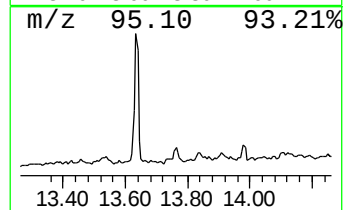
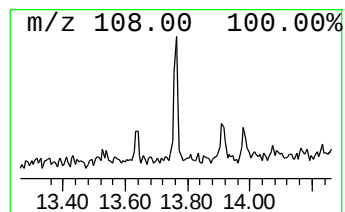
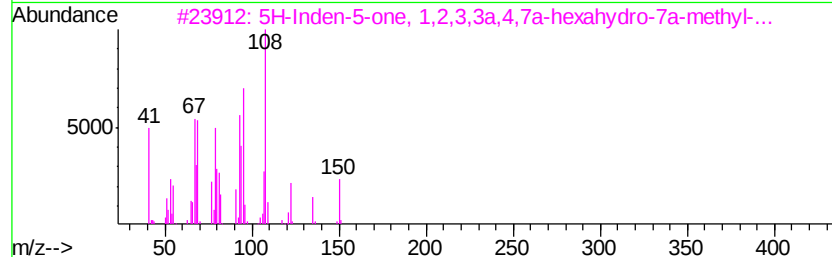
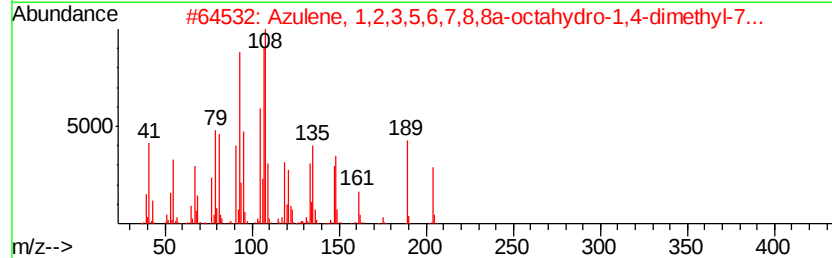
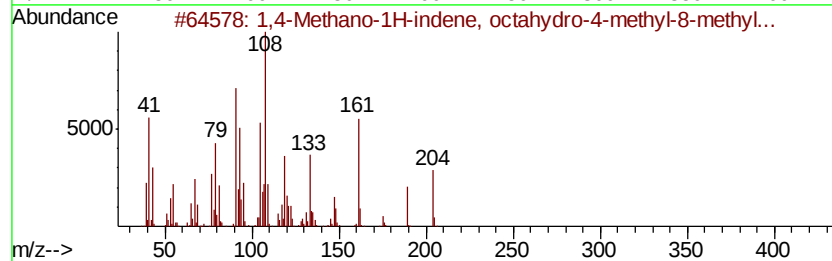
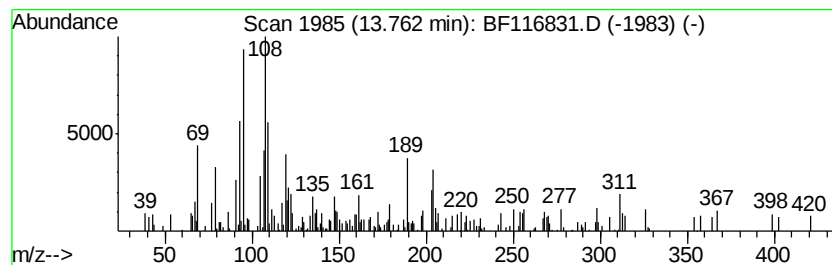
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.93 ng	77967	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	49
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	43
3		5H-Inden-5-one, 1,2,3,3a,4,7a-he...	150	C10H14O	017429-25-3	38
4		1H-Pyrazole, 1-methyl-3-vinyl-	108	C6H8N2	056342-53-1	27
5		1H-Pyrrole, 2,3,5-trimethyl-	109	C7H11N	002199-41-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
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Sample : K4618-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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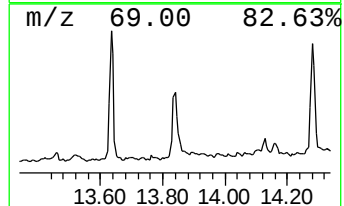
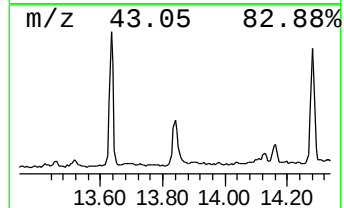
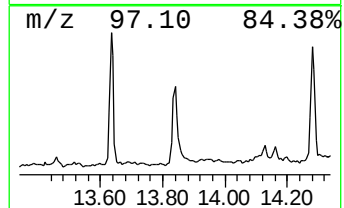
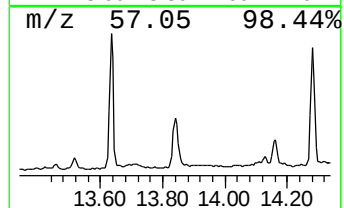
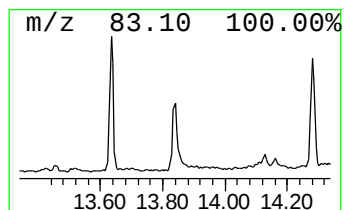
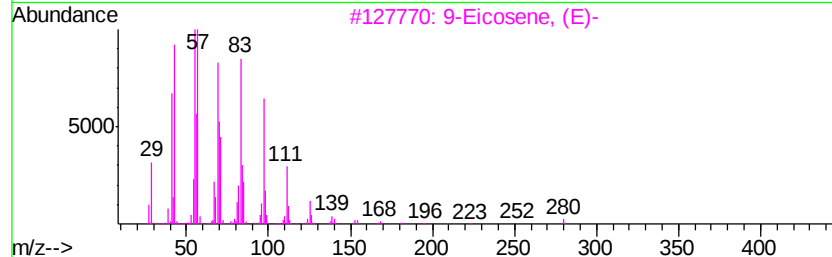
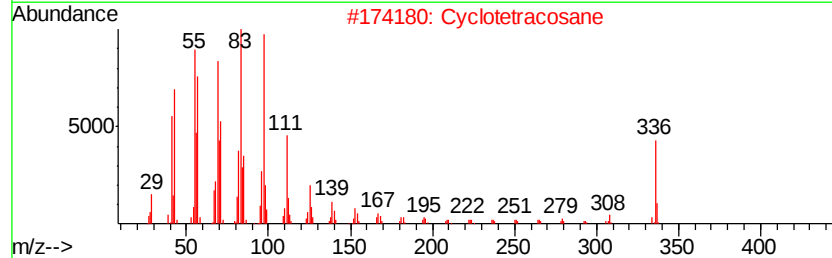
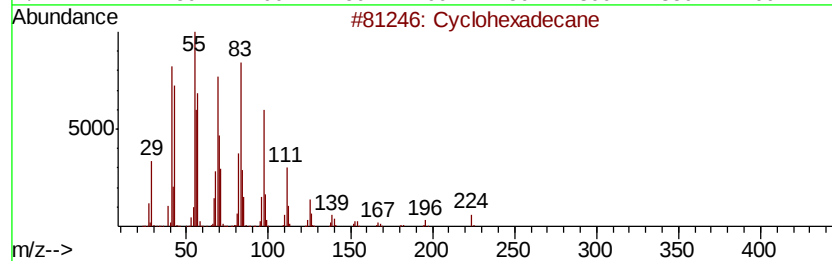
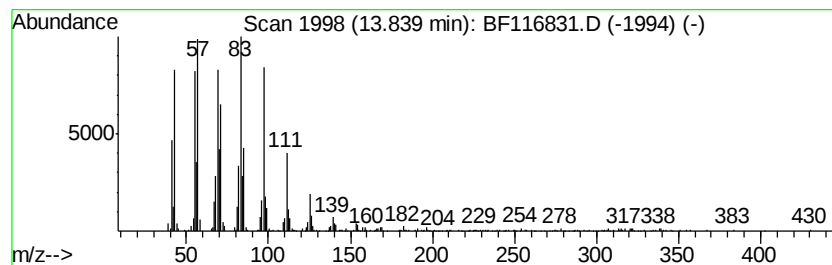
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	23.72 ng	632135	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	99
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
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Sample : K4618-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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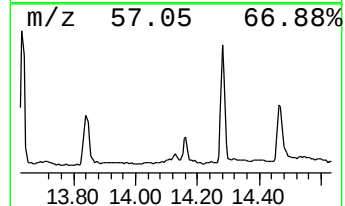
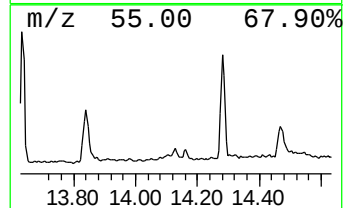
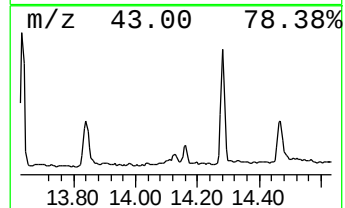
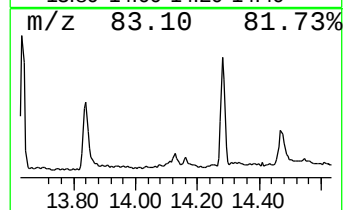
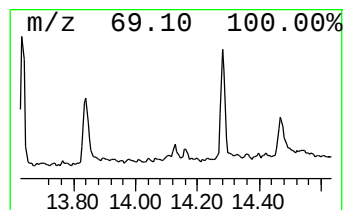
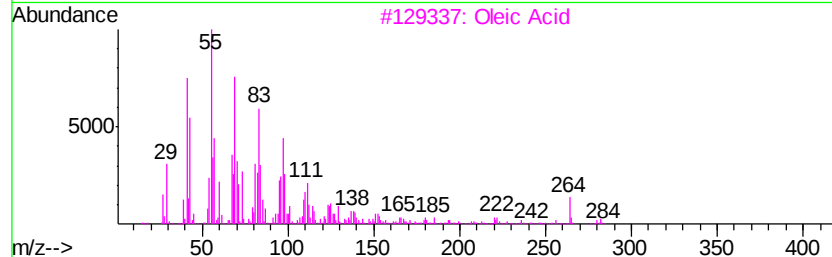
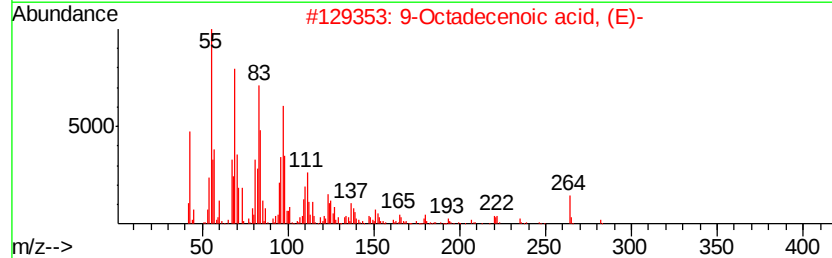
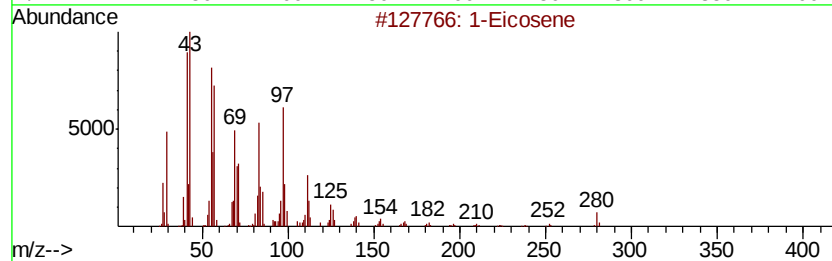
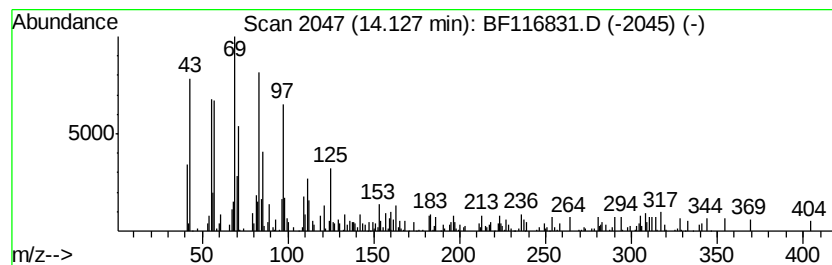
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Eicosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.62 ng	69877	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	55
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	52
3			Oleic Acid	282	C18H34O2	000112-80-1	52
4			Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	49
5			10-Methyl-9-nonadecene	280	C20H40	1000114-07-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
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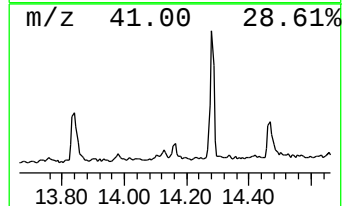
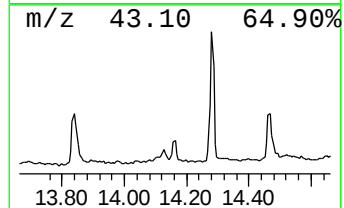
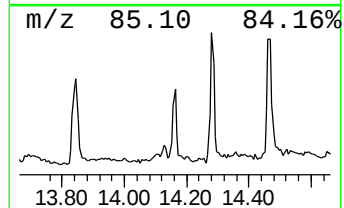
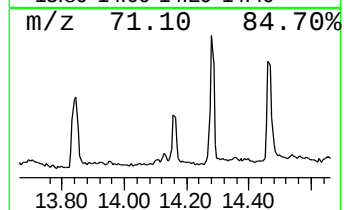
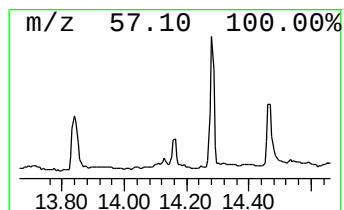
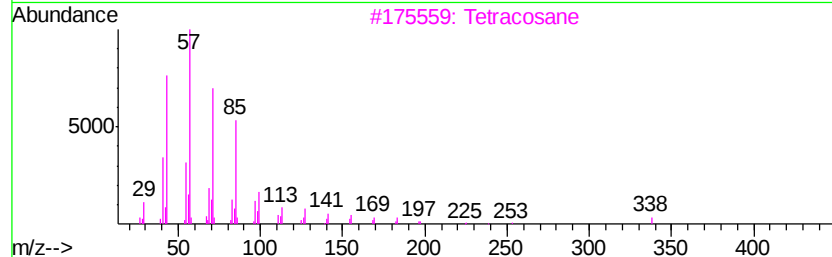
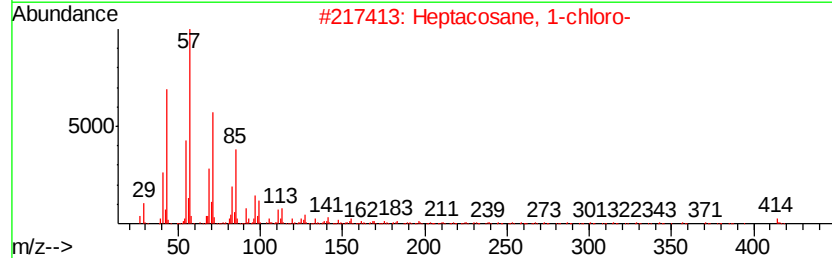
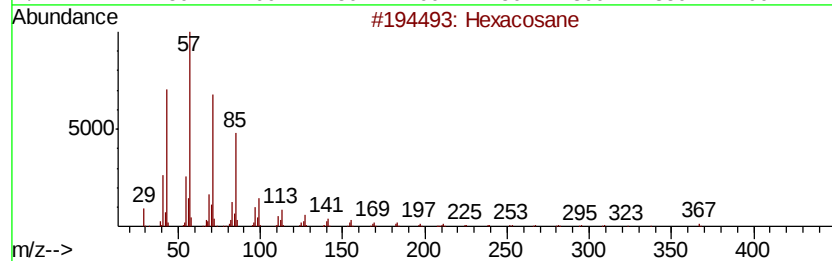
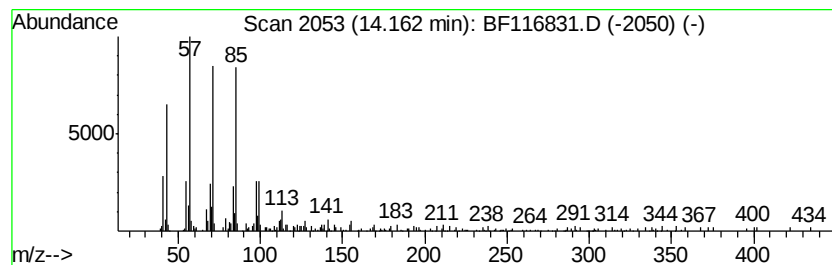
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.14 ng	110313	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane		366 C26H54	000630-01-3 58
2	Heptacosane, 1-chloro-		414 C27H55Cl	062016-79-9 58
3	Tetracosane		338 C24H50	000646-31-1 52
4	Heneicosane		296 C21H44	000629-94-7 52
5	Heptadecane		240 C17H36	000629-78-7 52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4-22-24

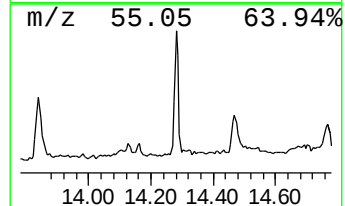
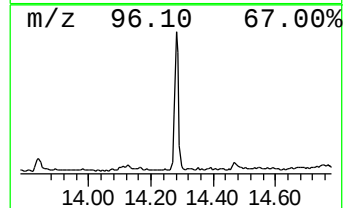
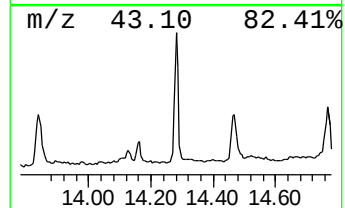
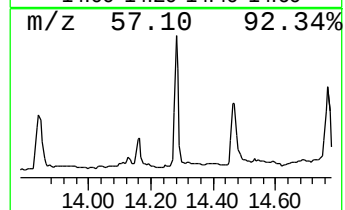
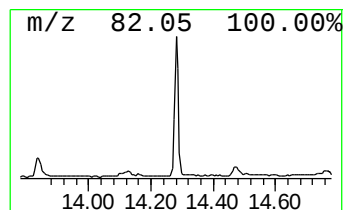
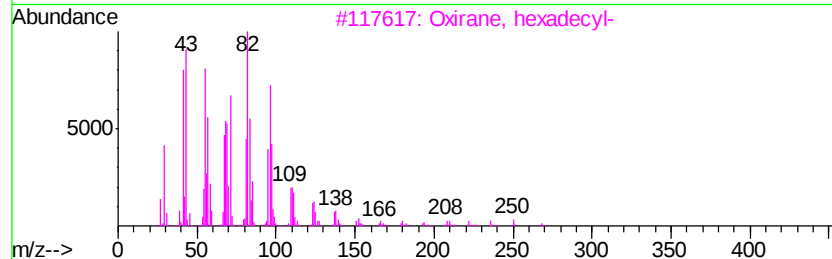
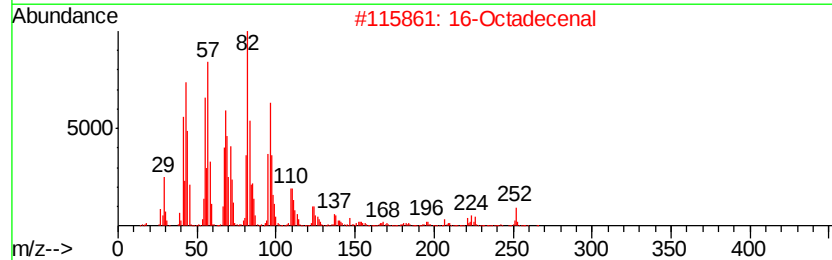
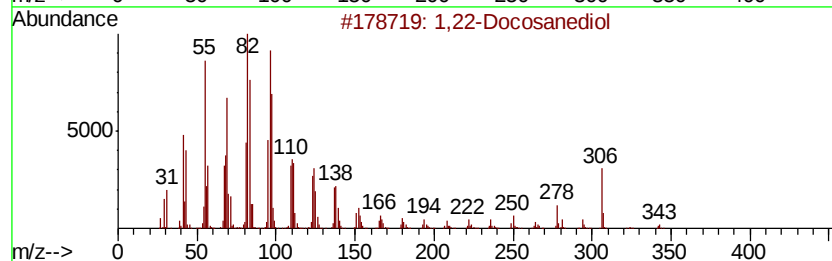
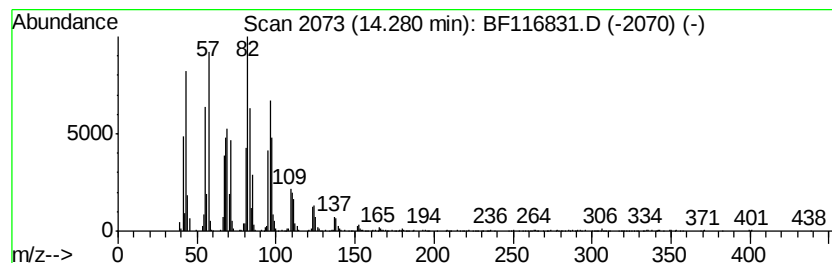
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,22-Docosanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	38.24 ng	1019270	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,22-Docosanediol	342	C22H46O2	022513-81-1	93
2		16-Octadecenal	266	C18H34O	056554-87-1	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
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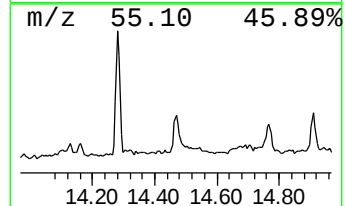
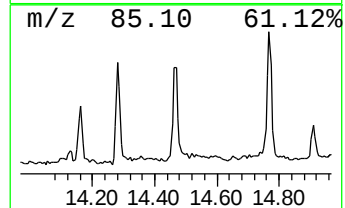
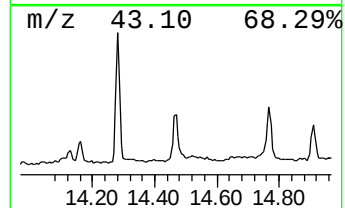
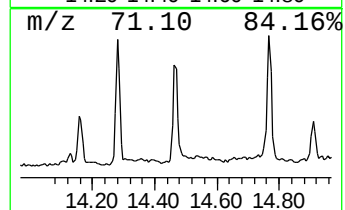
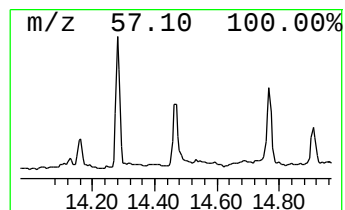
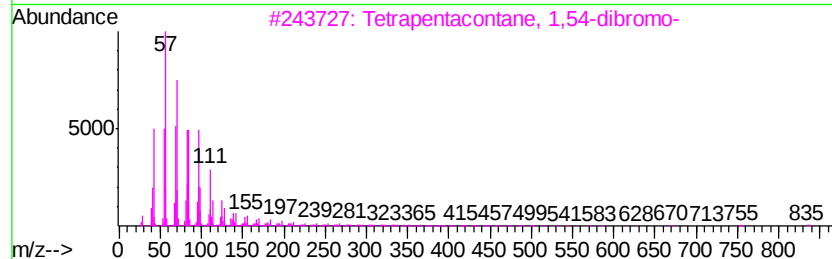
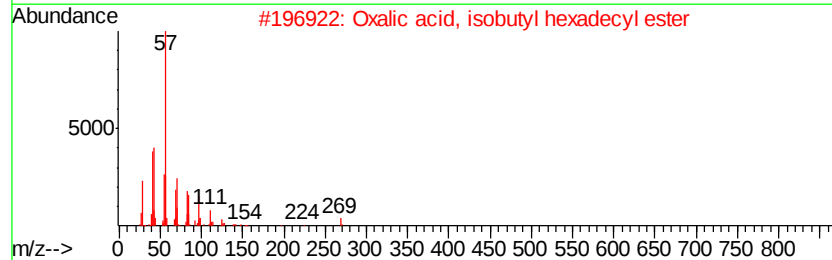
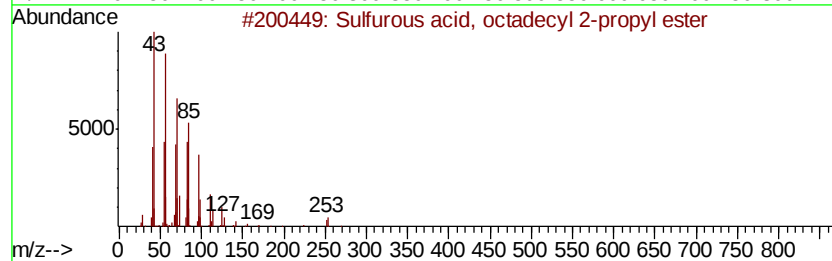
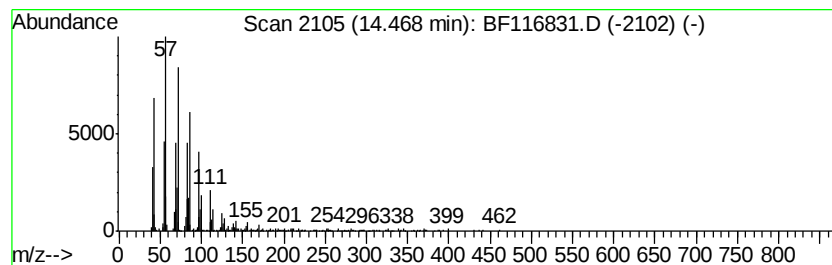
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, octadecyl 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	17.07 ng	454988	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	86
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
4		2-Octyldodecyl butyrate	368	C24H48O2	1000368-55-2	81
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
Operator : HP/JU
Sample : K4618-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-22-24

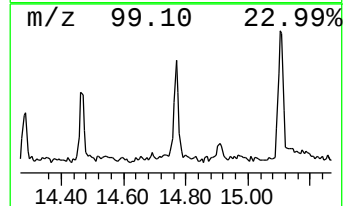
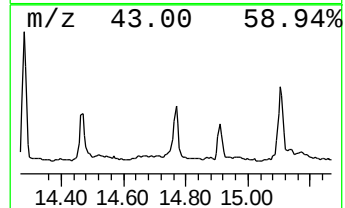
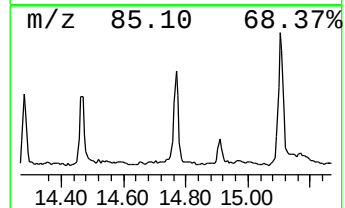
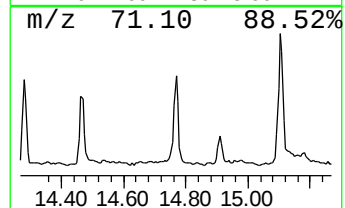
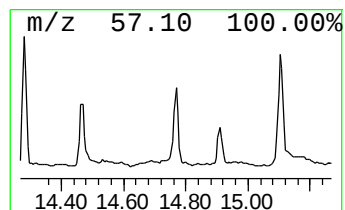
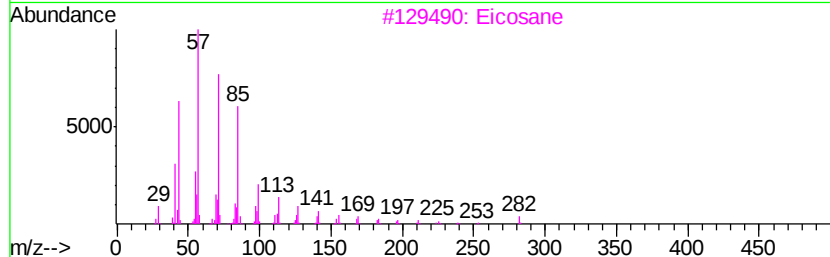
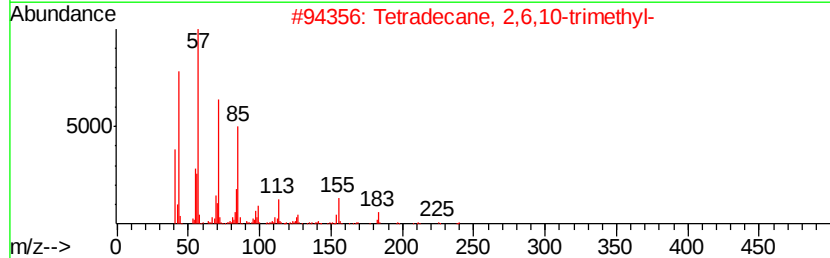
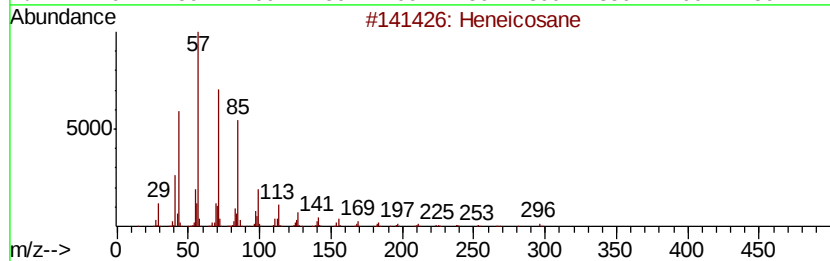
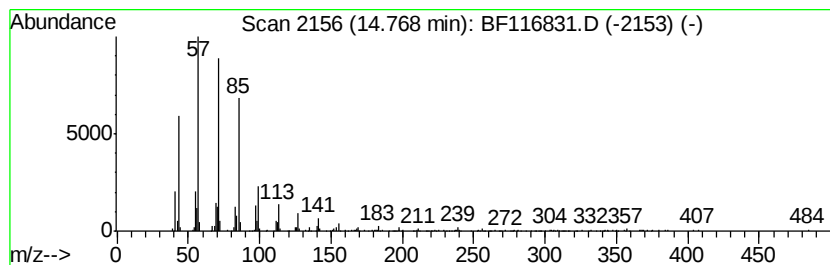
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	19.32 ng	402020	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heptadecane	240	C17H36	000629-78-7	80
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
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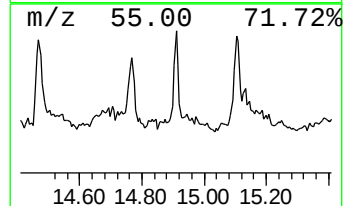
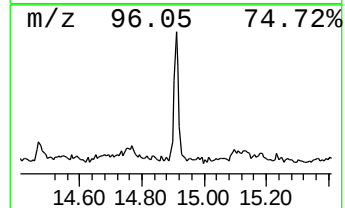
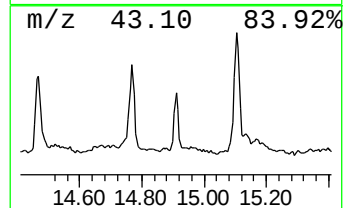
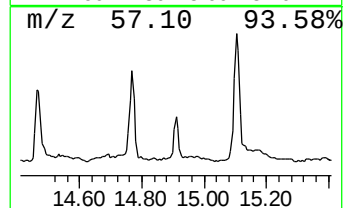
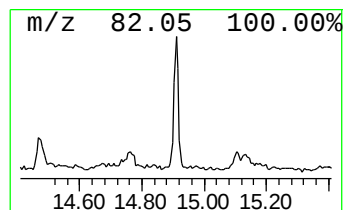
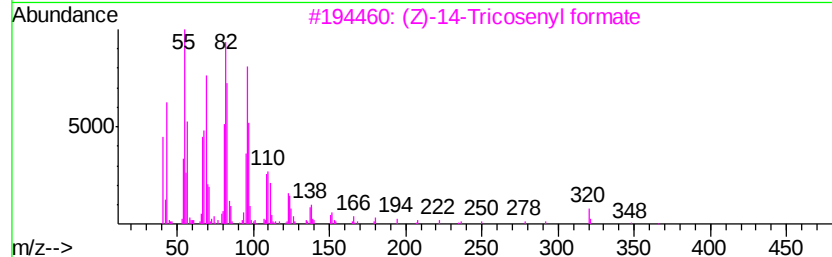
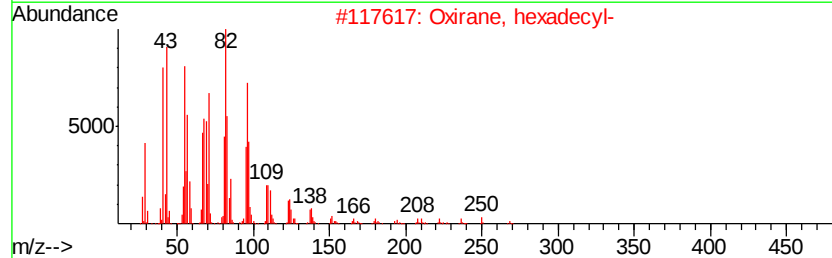
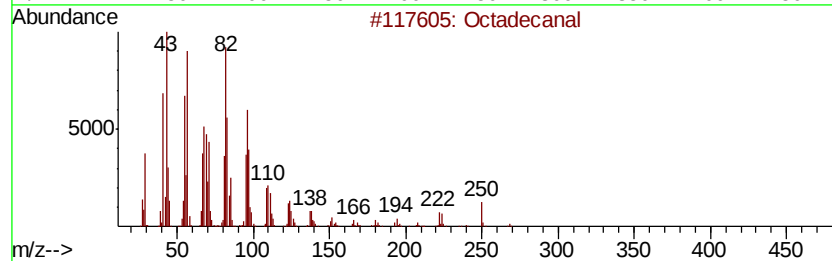
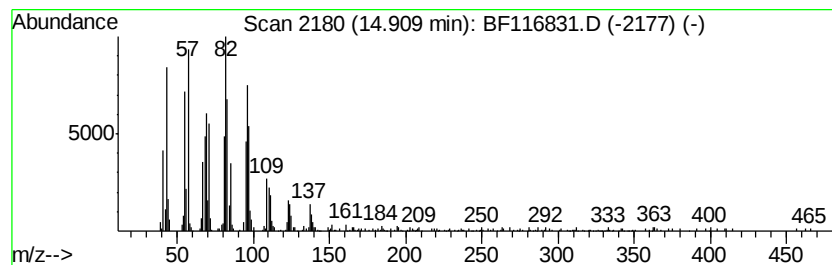
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	17.18 ng	357464	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	96
2	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
3	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	90
4	Heptadecanal	254 C17H34O	1000376-70-0	87
5	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
Operator : HP/JU
Sample : K4618-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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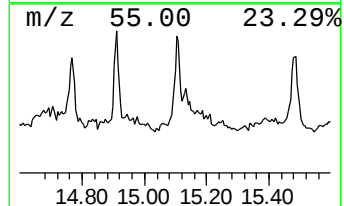
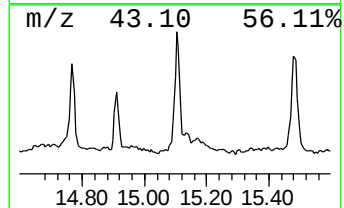
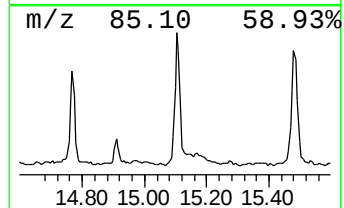
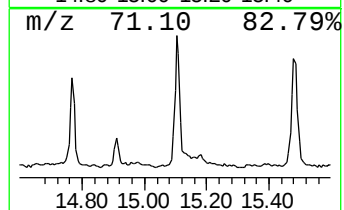
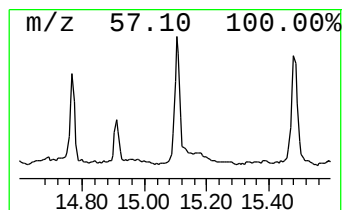
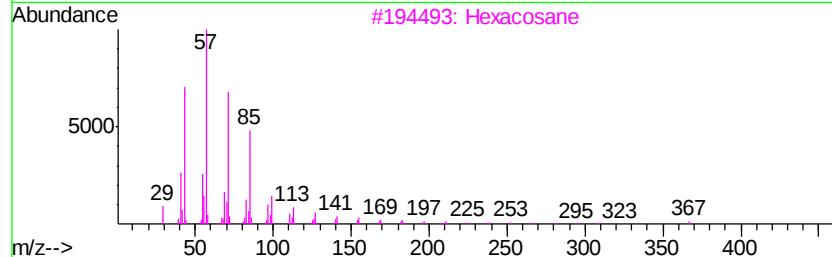
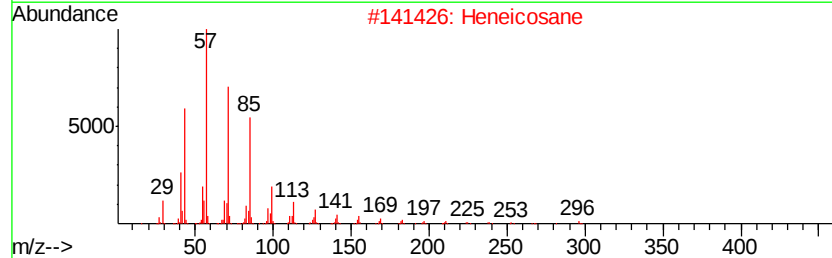
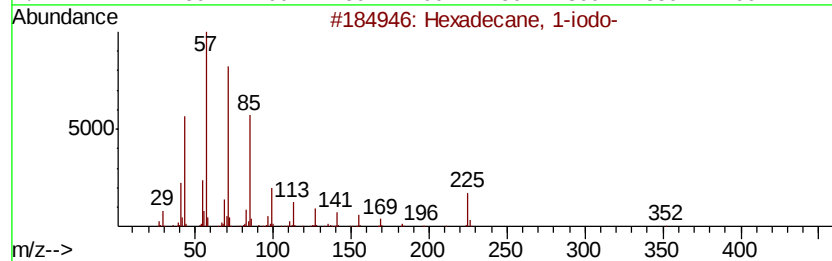
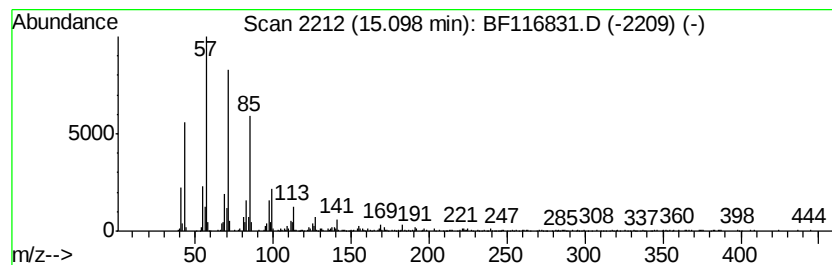
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	28.82 ng	599786	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
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Acq On : 5 Sep 2019 12:15
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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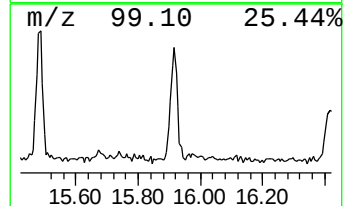
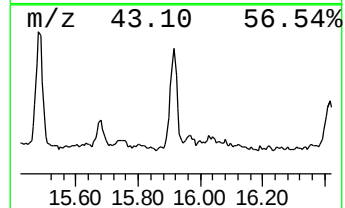
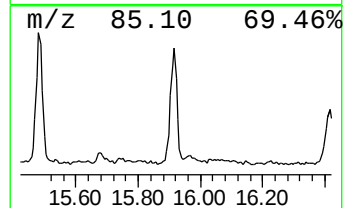
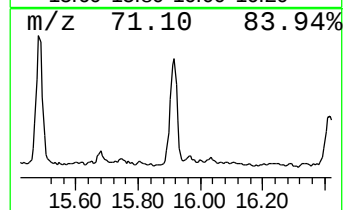
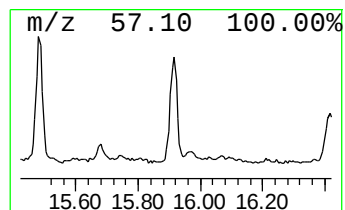
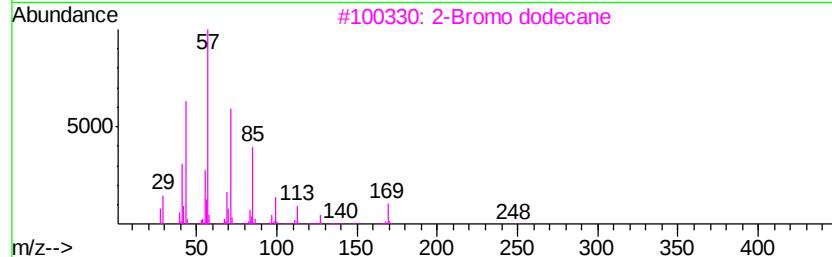
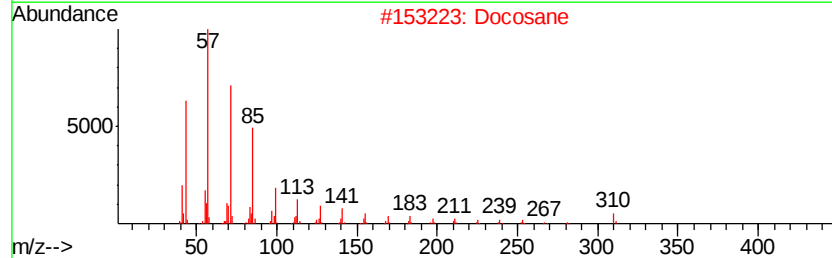
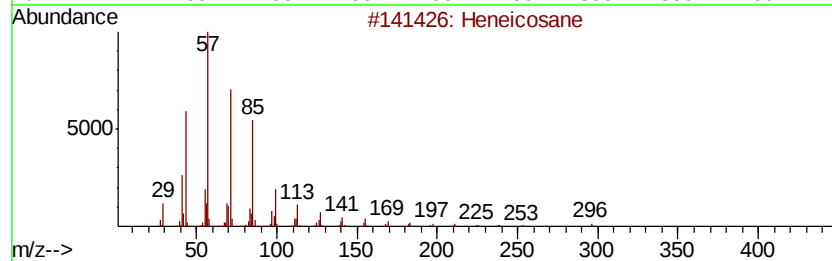
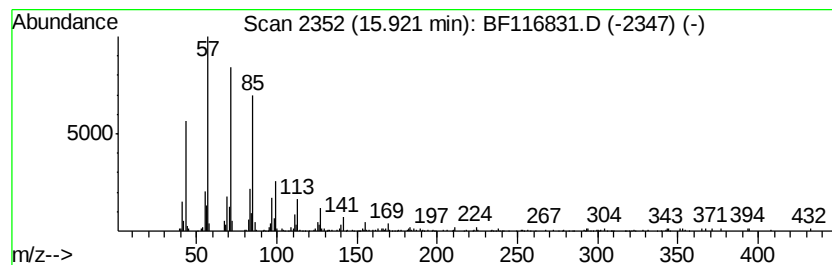
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	20.10 ng	418310	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Docosane	310	C22H46	000629-97-0	80
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	74
4		2-methyloctacosane	408	C29H60	1000376-72-8	74
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116831.D
Acq On : 5 Sep 2019 12:15
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ClientSampleId :
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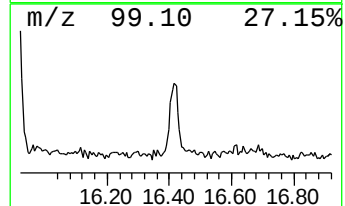
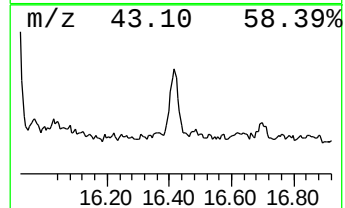
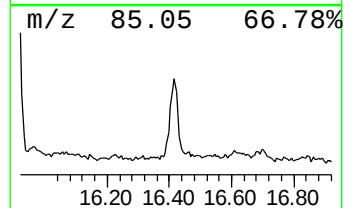
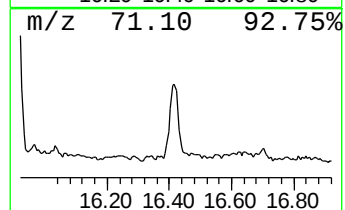
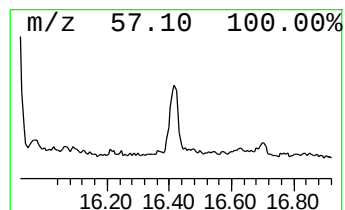
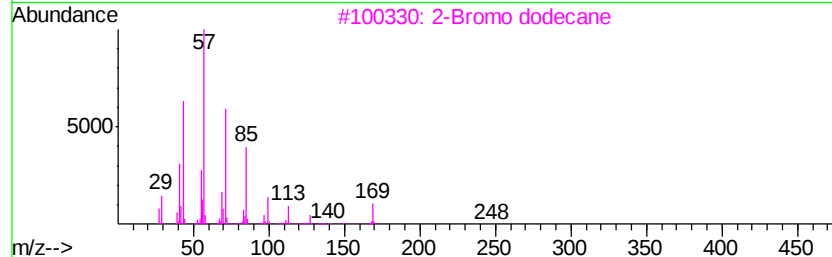
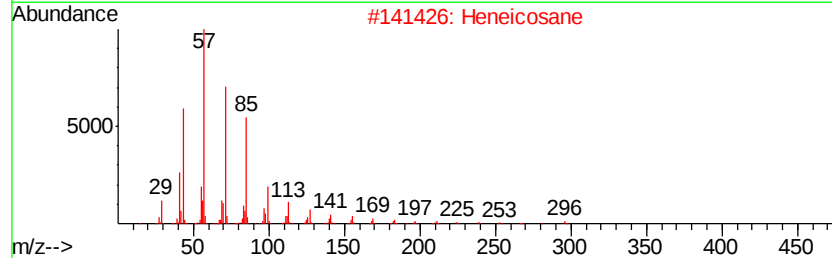
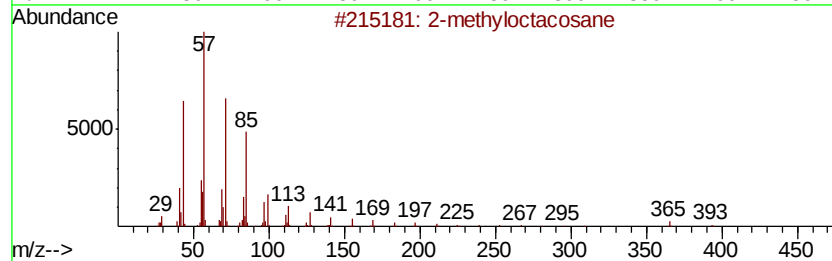
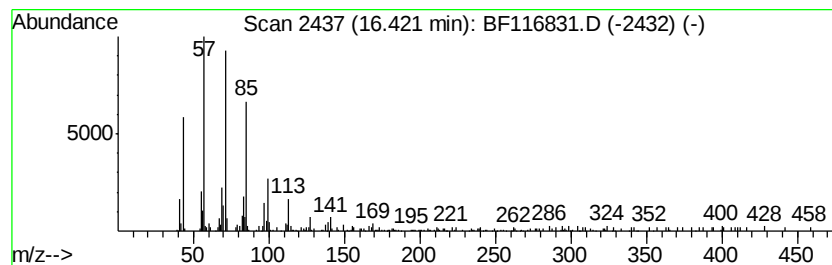
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	10.40 ng	216455	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
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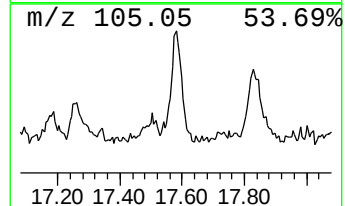
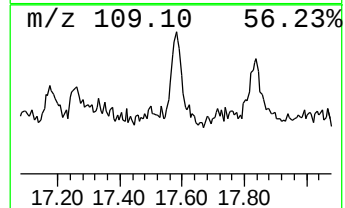
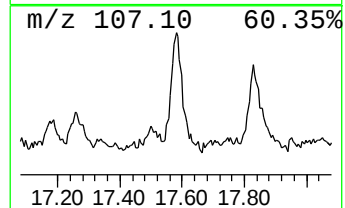
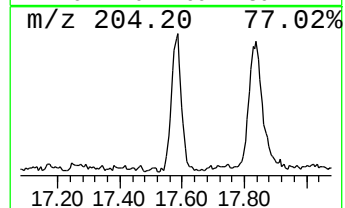
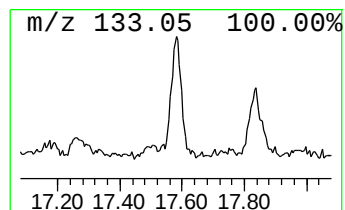
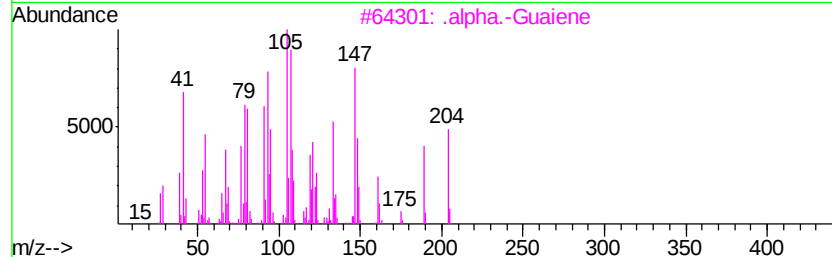
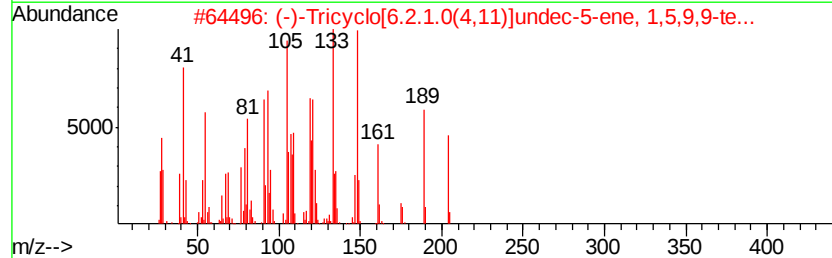
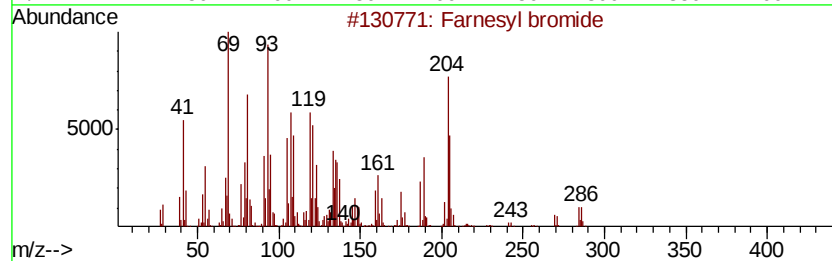
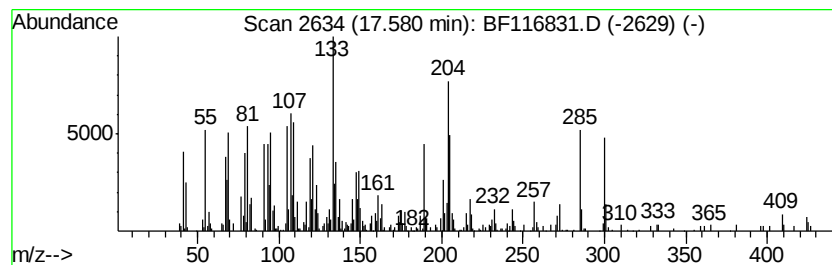
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	35.39 ng	736499	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Farnesyl bromide	284 C15H25Br	006874-67-5 49
2		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204 C15H24	1000154-06-7 49
3		.alpha.-Guaiene	204 C15H24	003691-12-1 42
4		Himachala-2,4-diene	204 C15H24	060909-27-5 41
5		1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
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Acq On : 5 Sep 2019 12:15
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ALS Vial : 5 Sample Multiplier: 1

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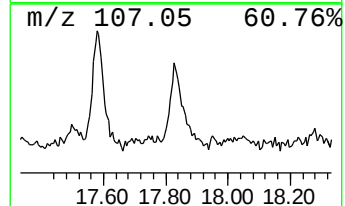
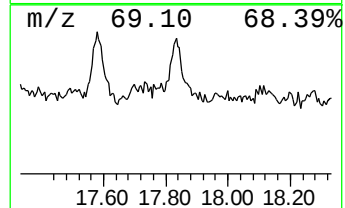
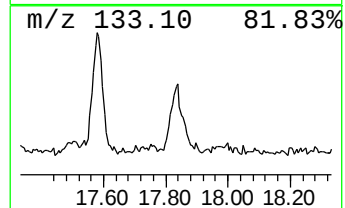
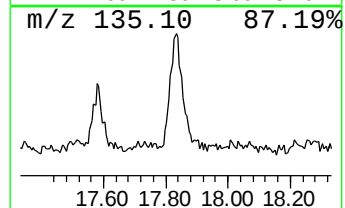
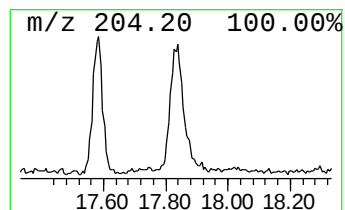
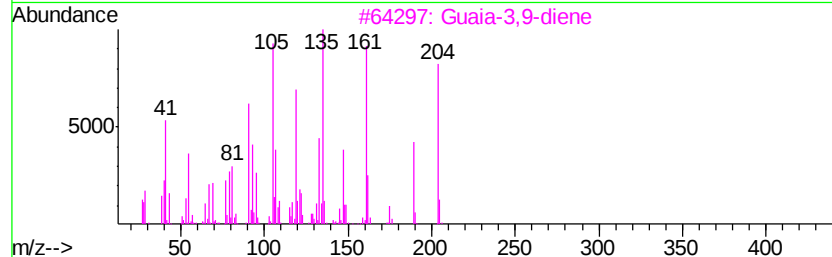
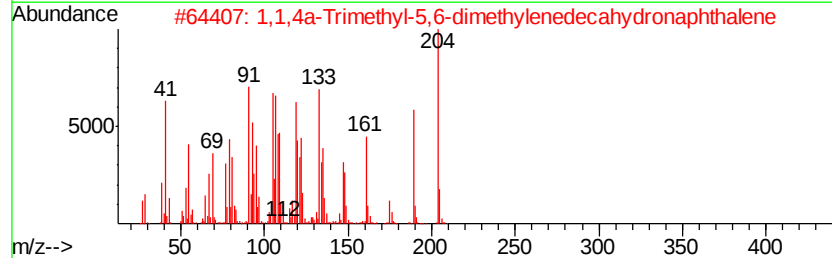
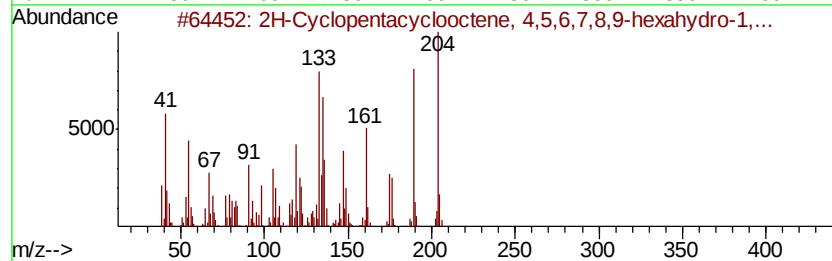
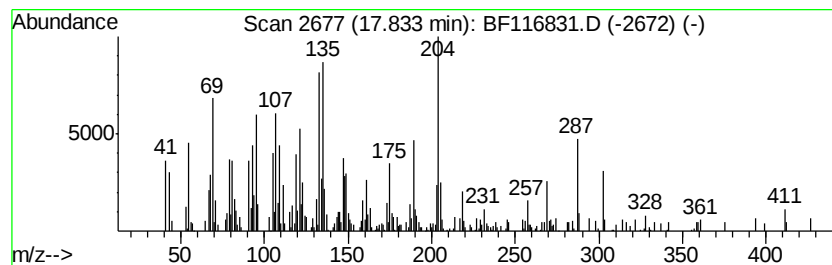
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2H-Cyclopentacyclooctene, 4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	28.83 ng	599900	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	53
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46
3		Guaia-3,9-diene	204	C15H24	000489-83-8	46
4		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090519\
 Data File : BF116831.D
 Acq On : 5 Sep 2019 12:15
 Operator : HP/JU
 Sample : K4618-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-22-24

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	89.2	ng	1544610	1	6.85	346413	20.0
n-Hexadecanoic acid	11.89	4.1	ng	105319	4	11.36	515002	20.0
Octadecanoic acid	12.67	5.8	ng	147936	4	11.36	515002	20.0
unknown13.42	13.42	2.1	ng	55199	5	14.00	533091	20.0
1-Heptacosanol	13.46	2.7	ng	70862	5	14.00	533091	20.0
1,19-Eicosadiene	13.63	46.2	ng	1231640	5	14.00	533091	20.0
unknown13.76	13.76	2.9	ng	77967	5	14.00	533091	20.0
Cyclohexadecane	13.84	23.7	ng	632135	5	14.00	533091	20.0
1-Eicosene	14.13	2.6	ng	69877	5	14.00	533091	20.0
Hexacosane	14.16	4.1	ng	110313	5	14.00	533091	20.0
1,22-Docosanediol	14.28	38.2	ng	1019270	5	14.00	533091	20.0
Sulfurous acid, o...	14.47	17.1	ng	454988	5	14.00	533091	20.0
Heneicosane	14.77	19.3	ng	402020	6	15.46	416163	20.0
Octadecanal	14.91	17.2	ng	357464	6	15.46	416163	20.0
Hexadecane, 1-iodo-	15.10	28.8	ng	599786	6	15.46	416163	20.0
Docosane	15.92	20.1	ng	418310	6	15.46	416163	20.0
2-methyloctacosane	16.42	10.4	ng	216455	6	15.46	416163	20.0
unknown17.58	17.58	35.4	ng	736499	6	15.46	416163	20.0
2H-Cyclopentacycl...	17.83	28.8	ng	599900	6	15.46	416163	20.0