

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114730.D
 Acq On : 1 Jun 2019 1:54
 Operator : HP/JU
 Sample : K2639-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.299	541	546	549	rBV	4597125	4303370	91.43%	8.009%
2	6.328	716	721	724	rBV	4618394	4359404	92.62%	8.113%
3	6.463	739	744	747	rBV	5133037	4663940	99.09%	8.680%
4	6.693	780	783	787	rBV	2949849	2544665	54.06%	4.736%
5	6.851	806	810	813	rBV	4519563	3658382	77.73%	6.808%
6	7.251	873	878	881	rBV	3237679	2758856	58.61%	5.134%
7	7.975	997	1001	1004	rBV	3961519	3160137	67.14%	5.881%
8	8.416	1072	1076	1086	rBV	113317	192572	4.09%	0.358%
9	9.051	1179	1184	1187	rBV	5110665	4706789	100.00%	8.759%
10	9.439	1247	1250	1256	rBV	729935	588105	12.49%	1.094%
11	9.581	1271	1274	1276	rBV	88195	77249	1.64%	0.144%
12	9.722	1293	1298	1301	rBV	3692685	3246190	68.97%	6.041%
13	9.757	1302	1304	1307	rVB2	59145	57202	1.22%	0.106%
14	9.928	1329	1333	1336	rBV2	45112	57929	1.23%	0.108%
15	10.498	1426	1430	1436	rBV	2877642	2468563	52.45%	4.594%
16	10.545	1436	1438	1448	rVB4	58519	91678	1.95%	0.171%
17	11.192	1544	1548	1550	rBV	3399005	2749547	58.42%	5.117%
18	11.216	1550	1552	1556	rVV	482305	372172	7.91%	0.693%
19	11.263	1556	1560	1564	rVB	122939	124747	2.65%	0.232%
20	11.692	1630	1633	1635	rBV	72346	54179	1.15%	0.101%
21	11.739	1635	1641	1649	rVV2	751586	899246	19.11%	1.674%
22	11.804	1649	1652	1654	rBV	96412	94352	2.00%	0.176%
23	12.239	1723	1726	1729	rBV	57791	57479	1.22%	0.107%
24	12.392	1749	1752	1755	rBV	576528	534687	11.36%	0.995%
25	12.516	1770	1773	1783	rBV2	554681	657720	13.97%	1.224%
26	12.622	1786	1791	1794	rVV	551838	524268	11.14%	0.976%
27	12.775	1813	1817	1820	rBV	3664563	3262124	69.31%	6.071%
28	13.051	1862	1864	1867	rBV	63238	60675	1.29%	0.113%
29	13.204	1888	1890	1894	rBV3	119004	153451	3.26%	0.286%
30	13.680	1969	1971	1977	rVB4	162247	229432	4.87%	0.427%
31	13.810	1989	1993	1996	rBV	2467323	2616485	55.59%	4.869%
32	13.839	1996	1998	2003	rVB	229226	191792	4.07%	0.357%
33	14.310	2076	2078	2082	rBV	285324	303888	6.46%	0.566%
34	14.604	2125	2128	2133	rBV	466859	497902	10.58%	0.927%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.916	2178	2181	2187	rVB2	549793	621576	13.21%	1.157%
36	15.204	2225	2230	2234	rBV	1602640	1895234	40.27%	3.527%
37	15.263	2237	2240	2246	rVB	441938	557329	11.84%	1.037%
38	15.663	2305	2308	2312	rBV	283443	340936	7.24%	0.634%

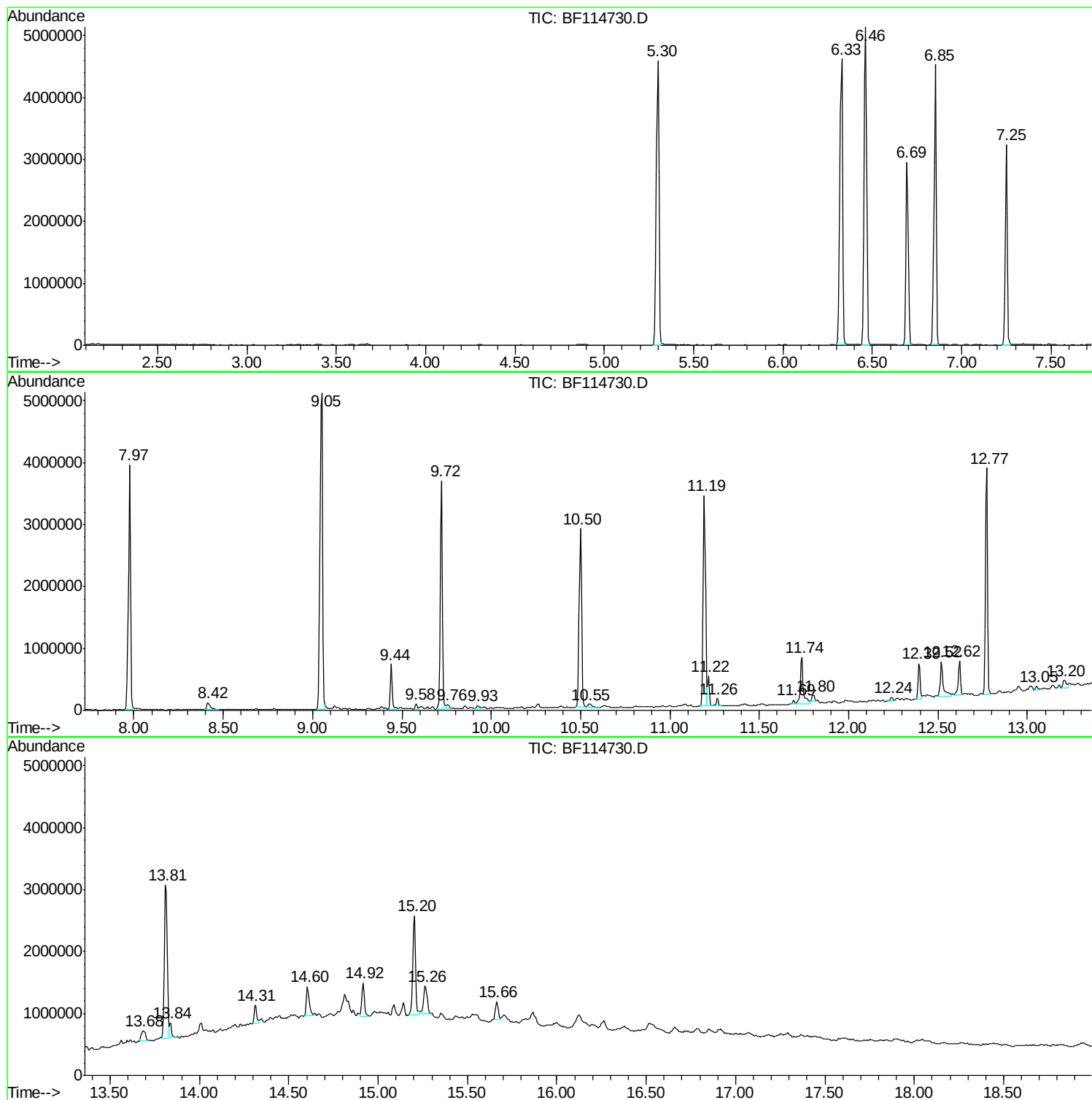
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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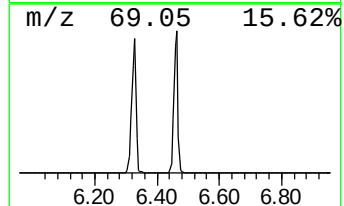
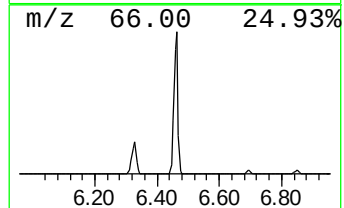
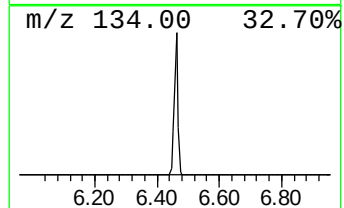
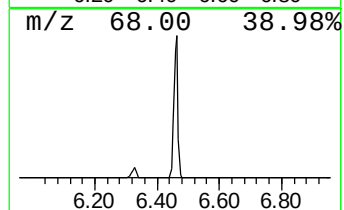
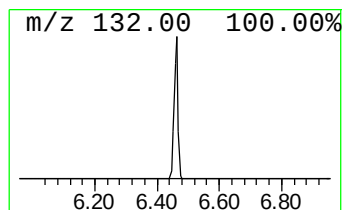
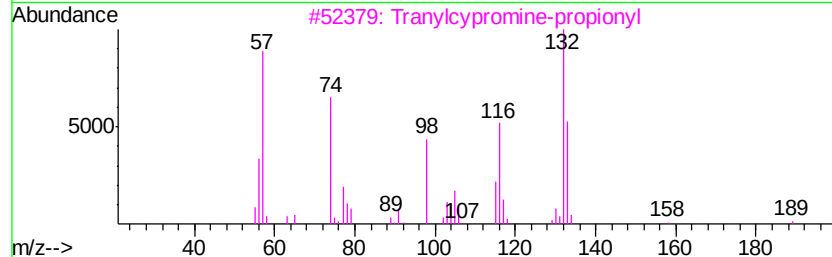
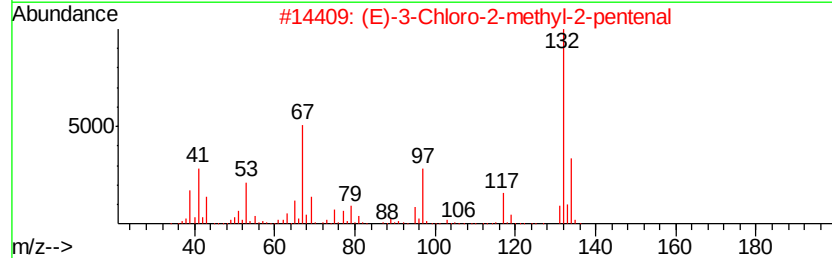
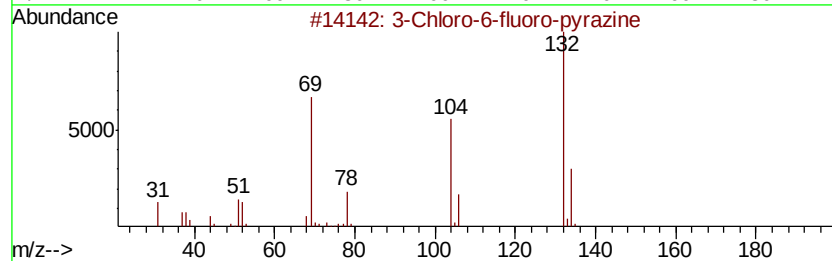
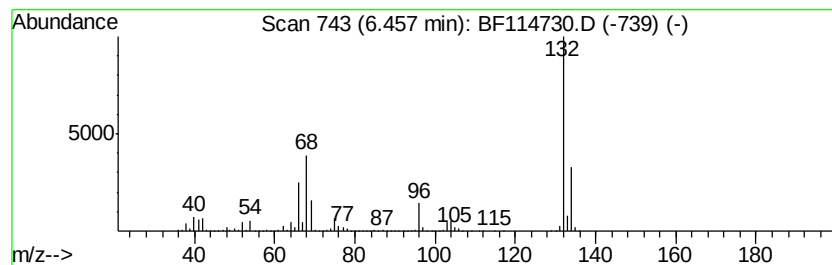
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	36.66 ng	4663940	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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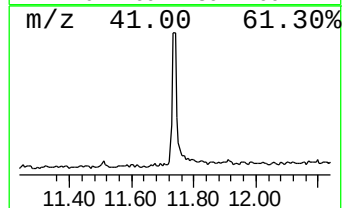
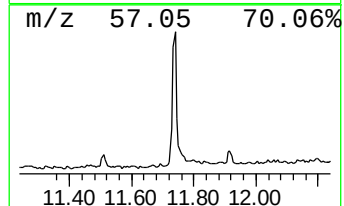
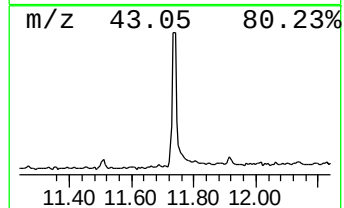
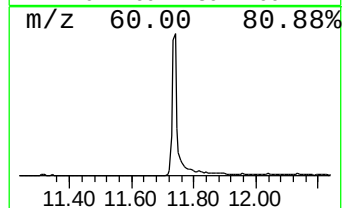
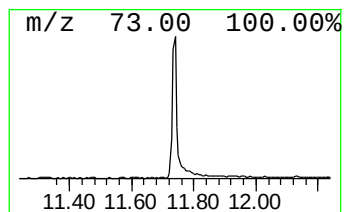
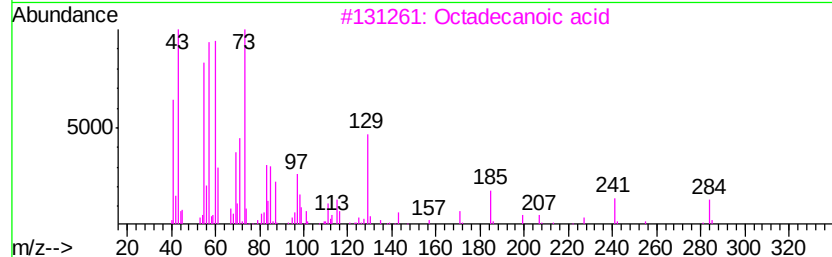
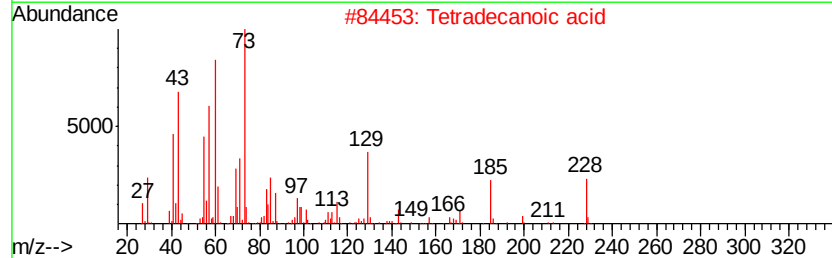
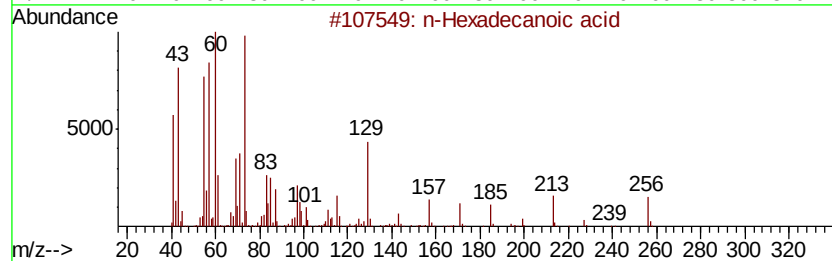
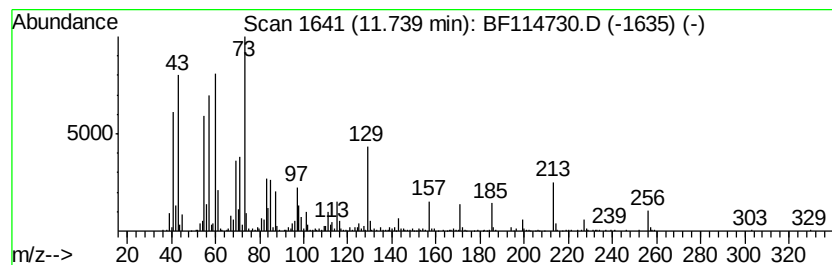
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.74	6.54 ng	899246	Phenanthrene-d10		11.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



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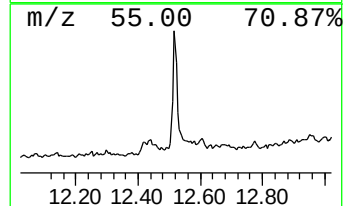
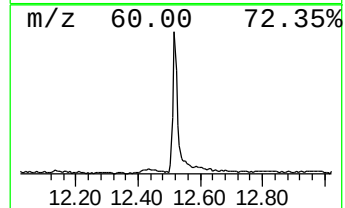
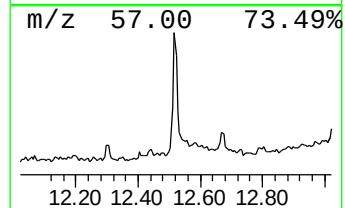
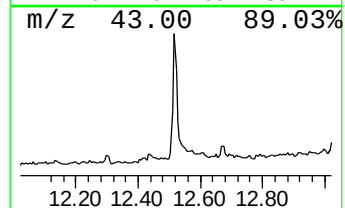
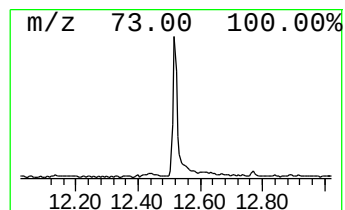
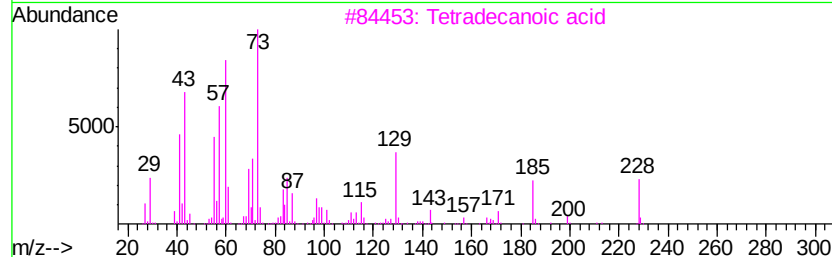
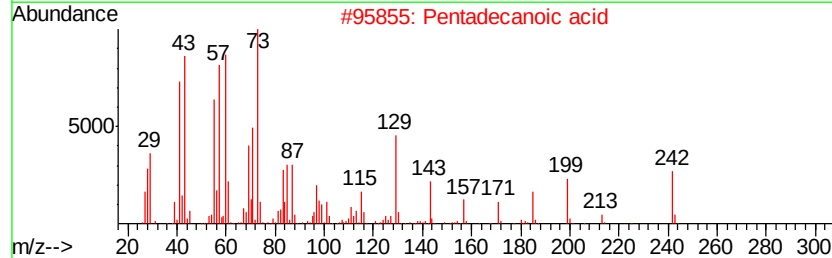
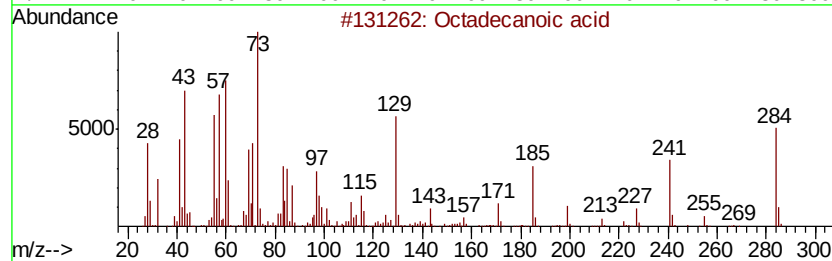
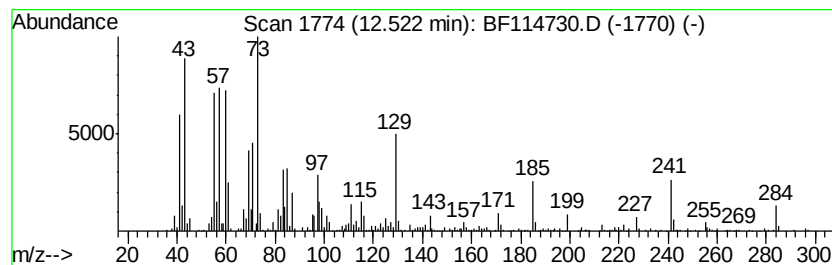
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.52	5.03 ng	657720	Chrysene-d12		13.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38



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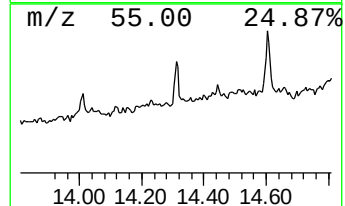
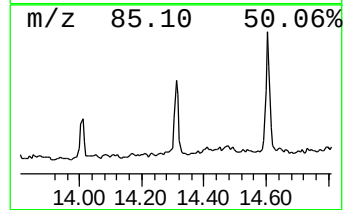
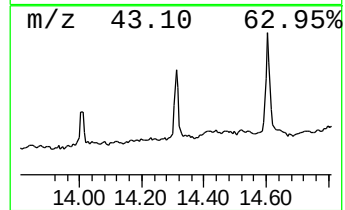
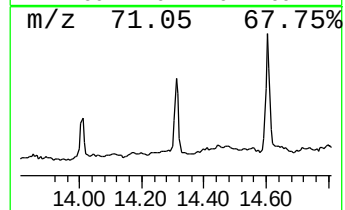
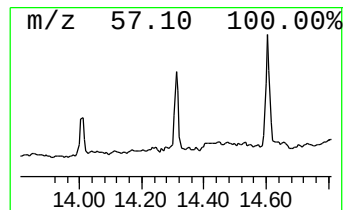
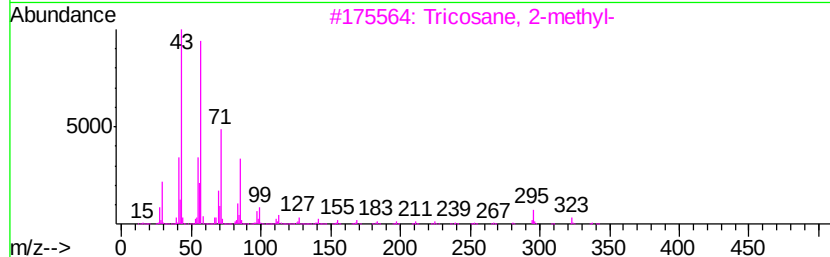
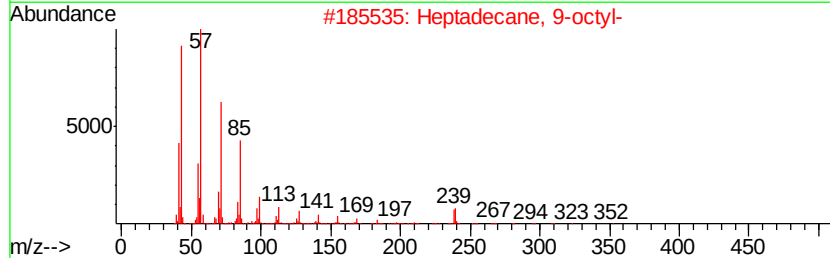
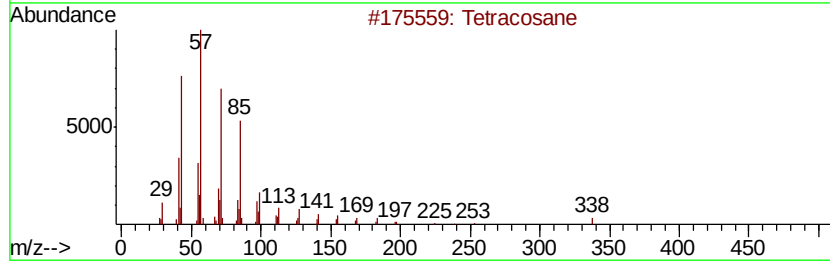
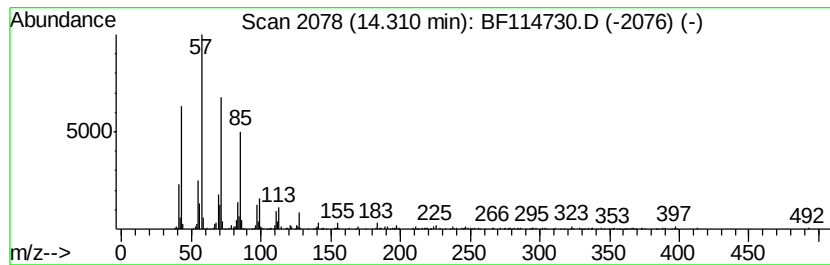
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.31	2.32 ng	303888	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Hexacosane	366	C26H54	000630-01-3	90



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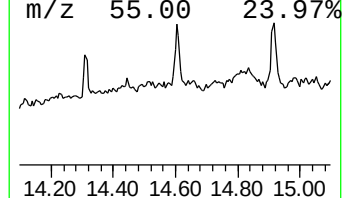
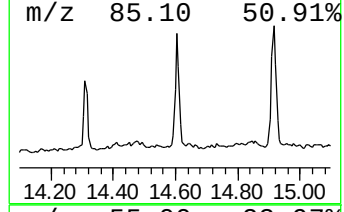
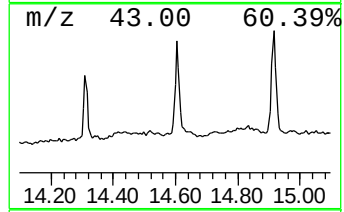
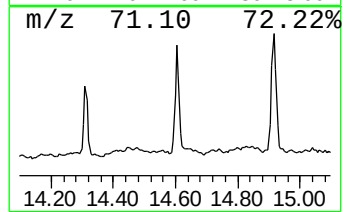
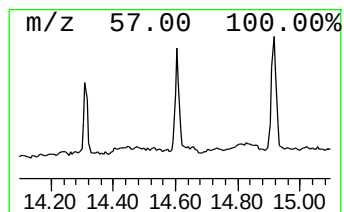
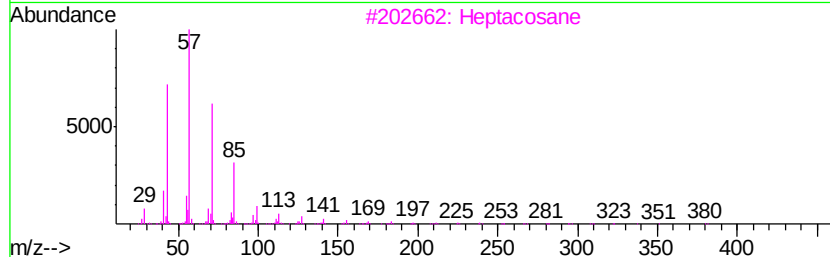
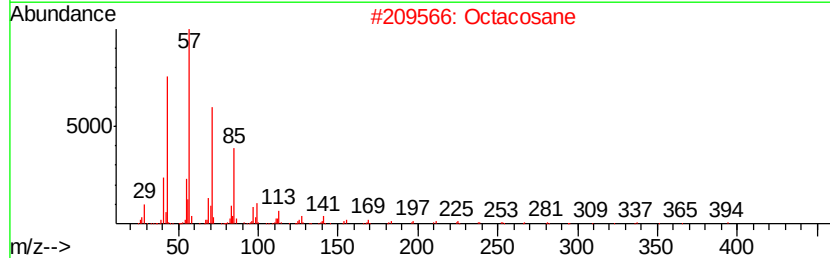
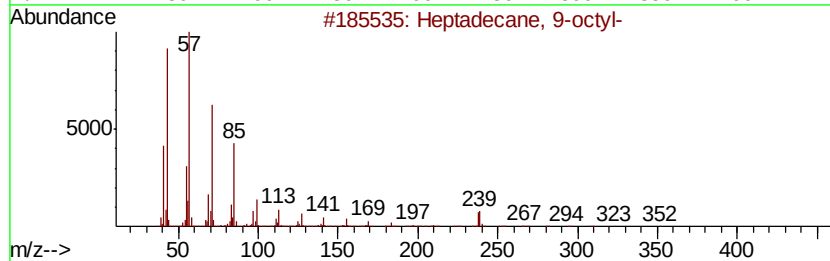
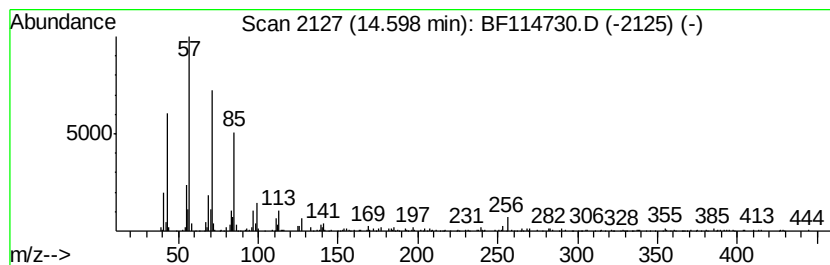
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.25 ng	497902	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	94
2	Octacosane	394 C28H58	000630-02-4	94
3	Heptacosane	380 C27H56	000593-49-7	93
4	Hexatriacontane	507 C36H74	000630-06-8	90
5	Nonadecane	268 C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Acq On : 1 Jun 2019 1:54
Operator : HP/JU
Sample : K2639-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

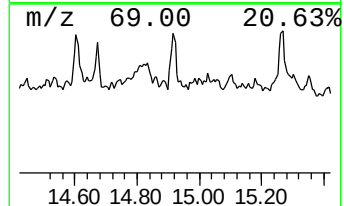
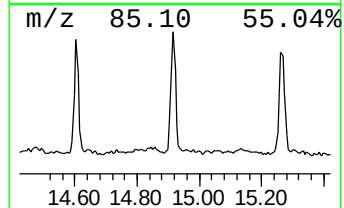
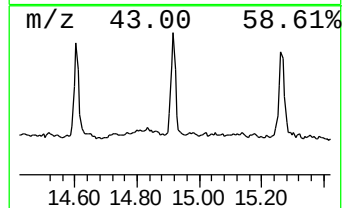
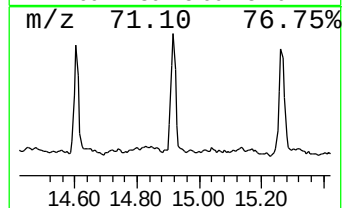
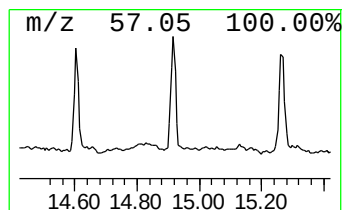
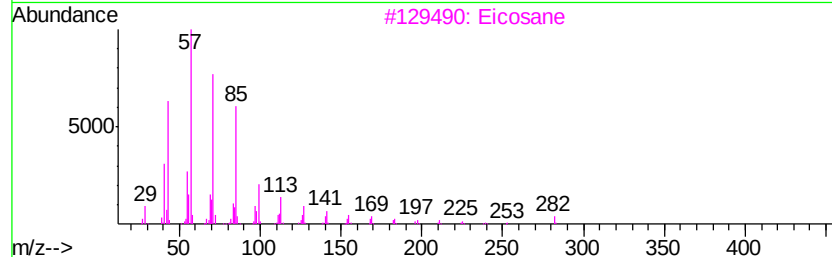
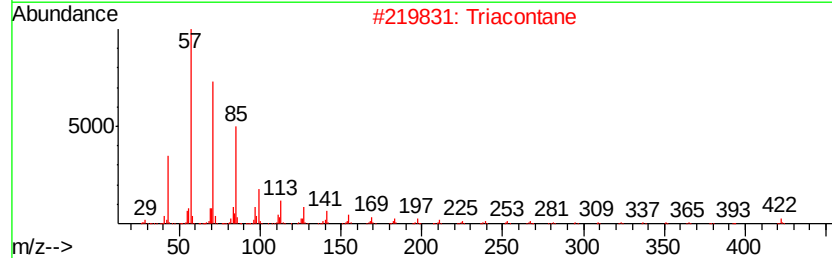
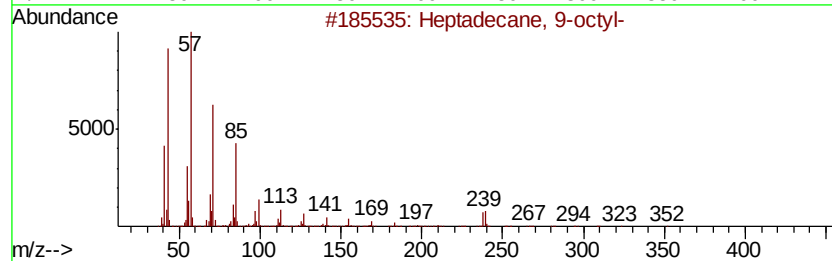
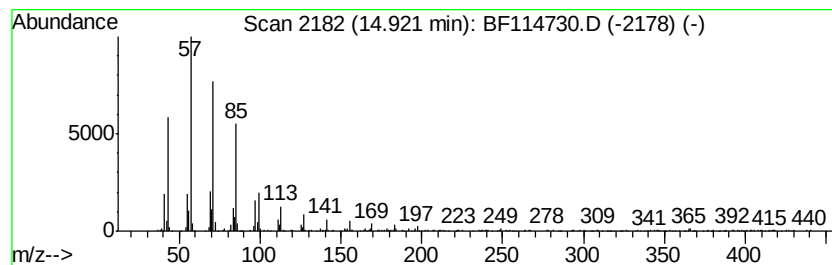
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ClientSampleId :
NB-07-053019-B

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

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

Peak Number 7 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	6.56 ng	621576	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 93
2		Triacotane	422 C30H62	000638-68-6 90
3		Eicosane	282 C20H42	000112-95-8 87
4		2-methyloctacosane	408 C29H60	1000376-72-8 87
5		Heneicosane	296 C21H44	000629-94-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114730.D
Acq On : 1 Jun 2019 1:54
Operator : HP/JU
Sample : K2639-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

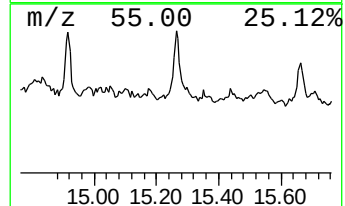
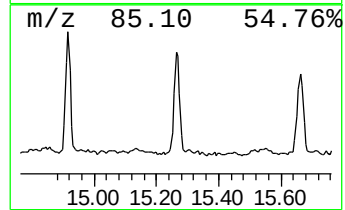
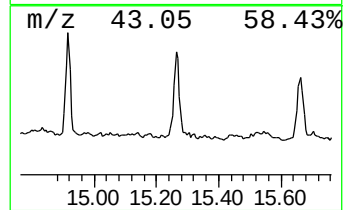
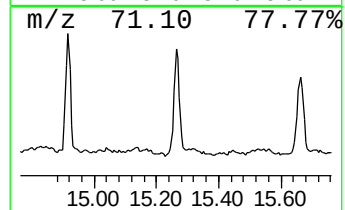
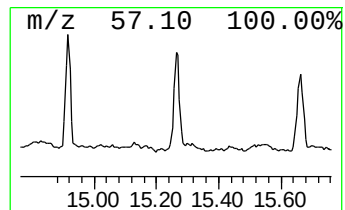
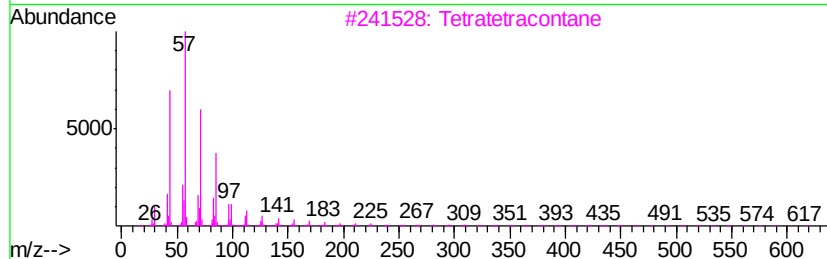
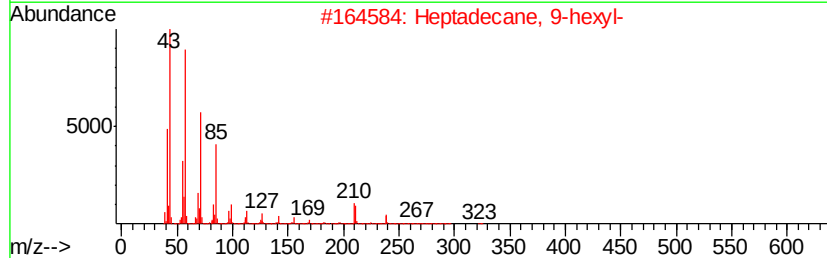
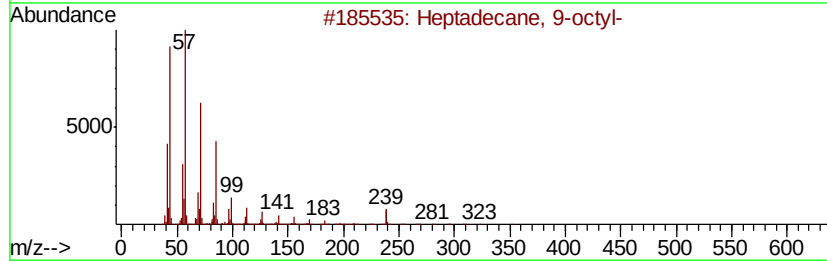
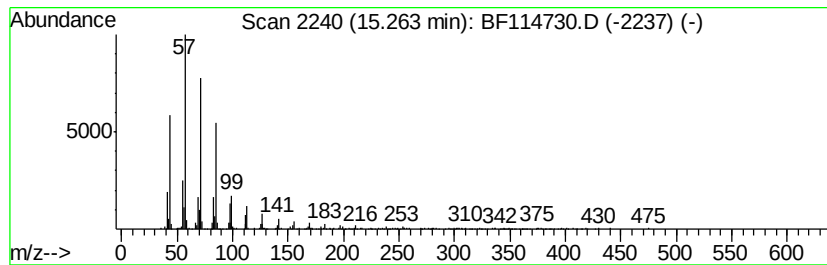
Instrument :
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ClientSampleId :
NB-07-053019-B

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

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

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	5.88 ng	557329	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 95
2		Heptadecane, 9-hexyl-	324 C23H48	055124-79-3 91
3		Tetratetracontane	619 C44H90	007098-22-8 91
4		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 91
5		2-methyloctacosane	408 C29H60	1000376-72-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114730.D
Acq On : 1 Jun 2019 1:54
Operator : HP/JU
Sample : K2639-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

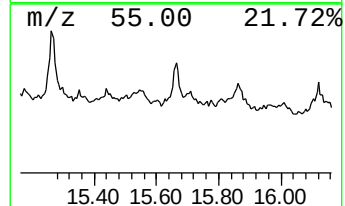
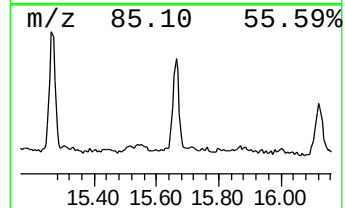
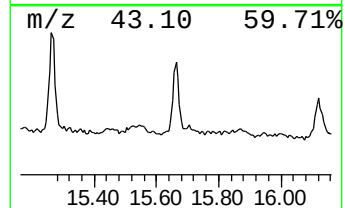
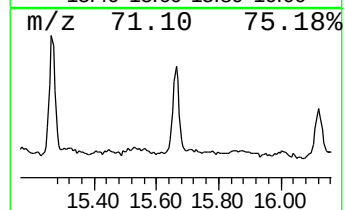
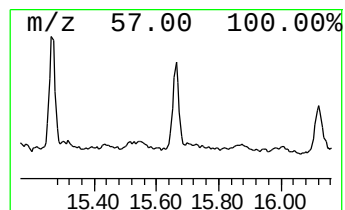
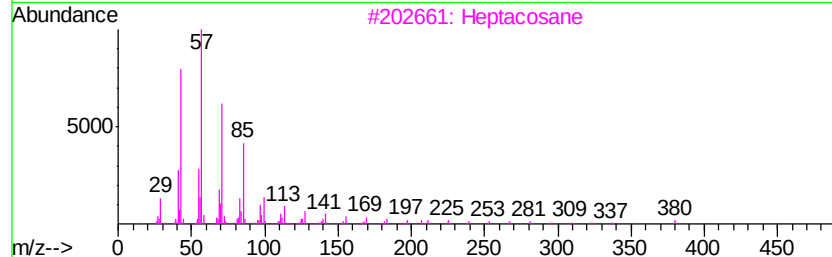
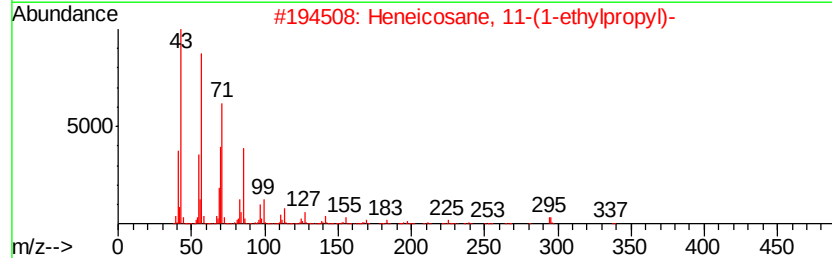
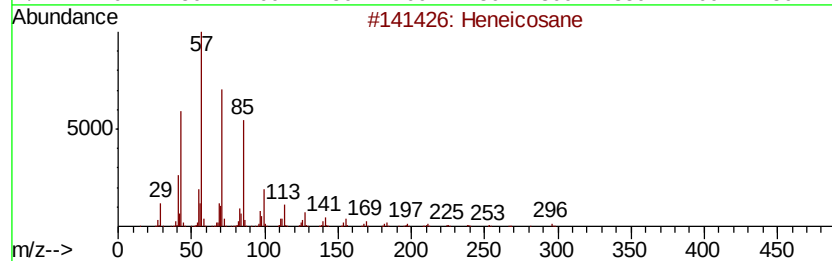
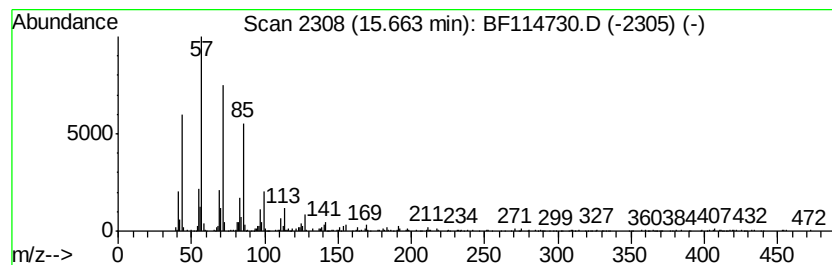
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.60 ng	340936	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
3	Heptacosane		380	C27H56	000593-49-7	90
4	Hexacosane		366	C26H54	000630-01-3	87
5	Docosane, 9-butyl-		366	C26H54	055282-14-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114730.D
Acq On : 1 Jun 2019 1:54
Operator : HP/JU
Sample : K2639-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-B

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	11.74	6.5	ng	899246	4	11.19	2749550	20.0
Octadecanoic acid	12.52	5.0	ng	657720	5	13.82	2616490	20.0
Tetracosane	14.31	2.3	ng	303888	5	13.82	2616490	20.0
Heptadecane, 9-oc...	14.60	5.3	ng	497902	6	15.20	1895230	20.0
2-methyloctacosane	14.92	6.6	ng	621576	6	15.20	1895230	20.0
Pentadecane, 8-he...	15.26	5.9	ng	557329	6	15.20	1895230	20.0
Heneicosane	15.66	3.6	ng	340936	6	15.20	1895230	20.0