

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113655.D
 Acq On : 9 Apr 2019 12:16
 Operator : JU/SJ
 Sample : K2316-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190169-COMP-CS-1

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-BF040319.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	5.293	541	545	579	rBV	1717233	1966468	82.07%	7.889%
2	6.328	718	721	738	rBV	1844117	2093390	87.36%	8.398%
3	6.451	738	742	749	rVV	2228881	2079456	86.78%	8.342%
4	6.504	749	751	758	rVB	34425	40562	1.69%	0.163%
5	6.675	777	780	788	rBV	584504	580395	24.22%	2.328%
6	6.834	803	807	823	rVB	1737040	1538210	64.20%	6.171%
7	7.245	873	877	897	rBV	1133089	1263531	52.73%	5.069%
8	7.963	995	999	1006	rBV	704580	737517	30.78%	2.959%
9	9.033	1177	1181	1192	rBV	2391831	2133127	89.02%	8.557%
10	9.433	1241	1249	1253	rBV	342058	343778	14.35%	1.379%
11	9.710	1292	1296	1310	rVB	1040225	899680	37.55%	3.609%
12	9.933	1328	1334	1336	rBV5	19167	39349	1.64%	0.158%
13	10.369	1402	1408	1412	rBV	41168	45008	1.88%	0.181%
14	10.504	1427	1431	1442	rBV	1477651	1627041	67.90%	6.527%
15	10.633	1448	1453	1461	rVB3	67206	84442	3.52%	0.339%
16	11.098	1528	1532	1536	rVB	36576	43577	1.82%	0.175%
17	11.192	1544	1548	1560	rBV	1094059	1001643	41.80%	4.018%
18	11.727	1635	1639	1650	rBV2	281663	384230	16.04%	1.541%
19	12.510	1769	1772	1779	rBV	110543	146644	6.12%	0.588%
20	12.774	1812	1817	1820	rBV	2686747	2396144	100.00%	9.613%
21	13.345	1909	1914	1919	rVB3	23540	33631	1.40%	0.135%
22	13.674	1967	1970	1975	rVB	57485	57418	2.40%	0.230%
23	13.804	1986	1992	1993	rBV	118004	112445	4.69%	0.451%
24	13.827	1993	1996	2003	rVB	1128953	1054670	44.02%	4.231%
25	13.992	2020	2024	2027	rVB	158984	143655	6.00%	0.576%
26	14.292	2072	2075	2079	rVB	312325	281408	11.74%	1.129%
27	14.586	2121	2125	2133	rBV	483682	439679	18.35%	1.764%
28	14.651	2133	2136	2140	rVB	100214	93734	3.91%	0.376%
29	14.898	2173	2178	2183	rVB	502191	530474	22.14%	2.128%
30	15.239	2230	2236	2243	rBV2	1143013	1585701	66.18%	6.361%
31	15.639	2298	2304	2311	rBV	407321	604364	25.22%	2.425%
32	16.092	2375	2381	2389	rVB	236307	396126	16.53%	1.589%
33	16.621	2466	2471	2477	rVB2	79941	149778	6.25%	0.601%

LSC Area Percent Report

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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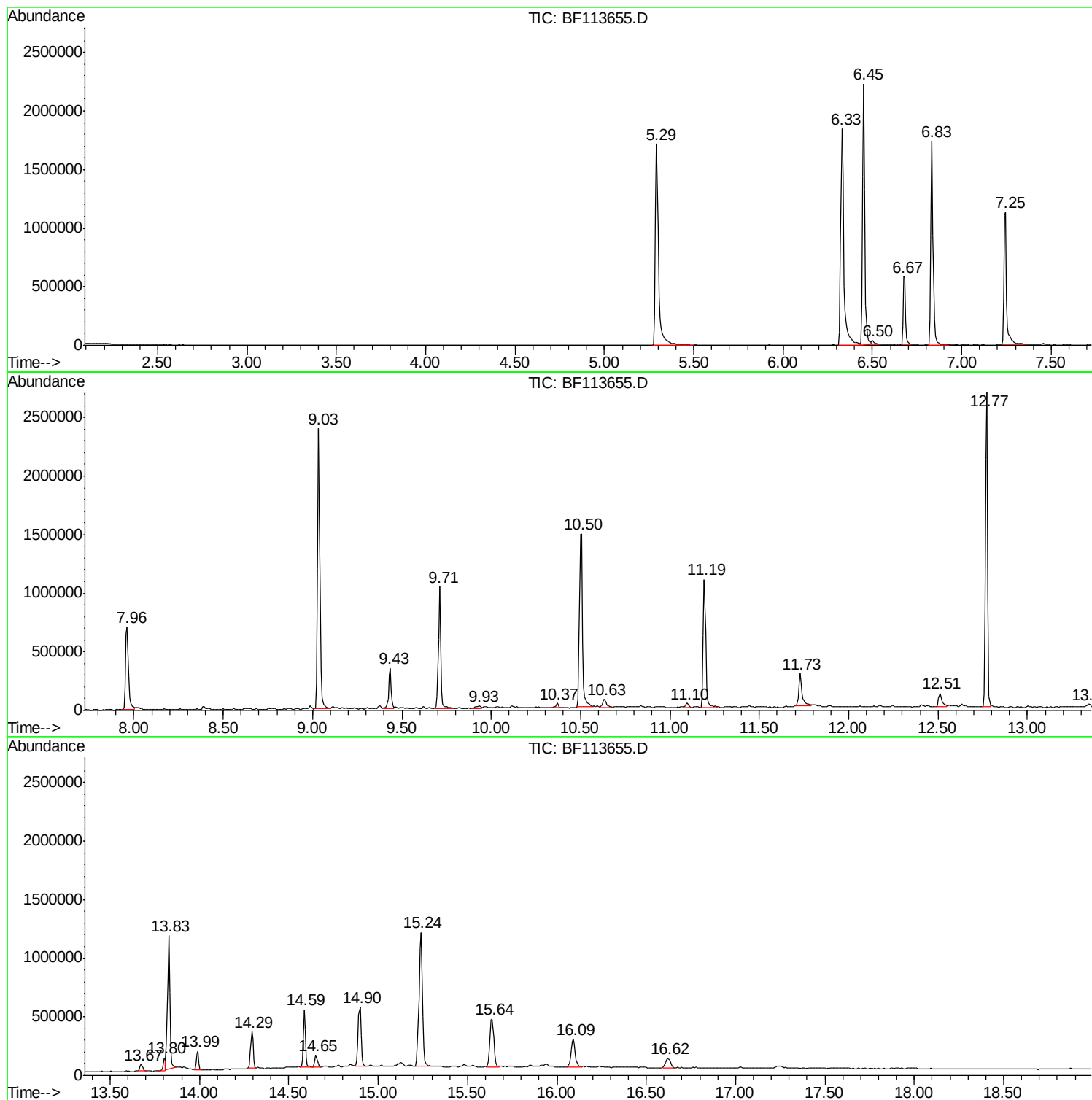
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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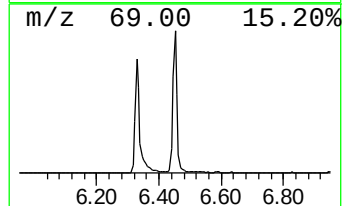
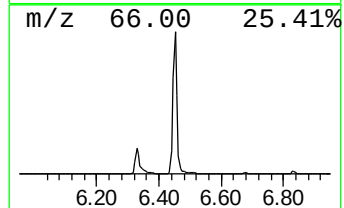
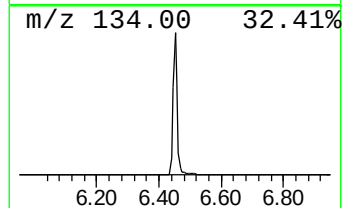
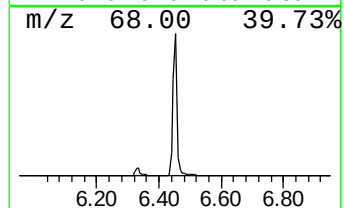
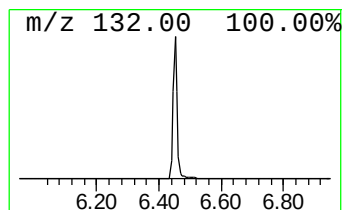
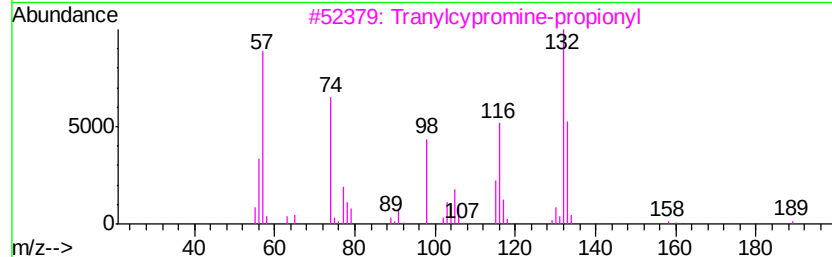
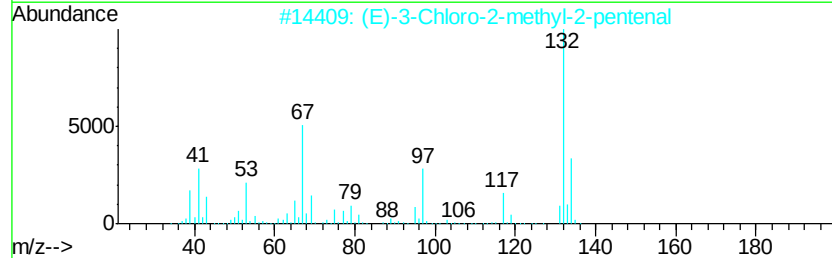
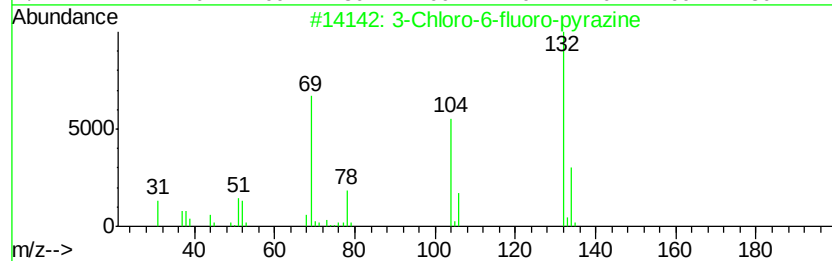
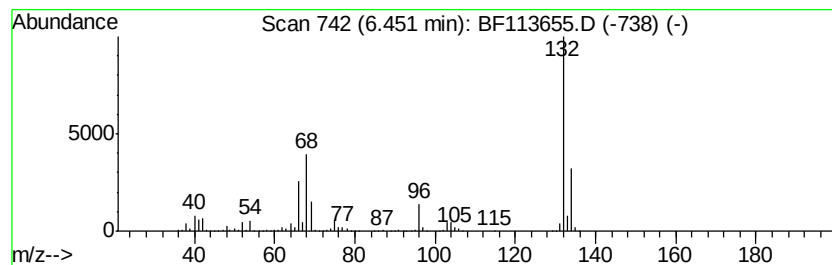
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	71.66 ng	2079460	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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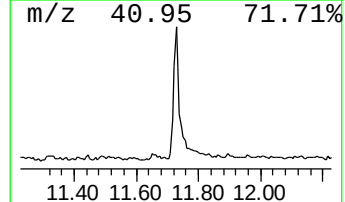
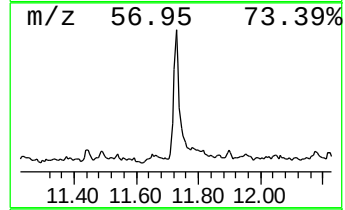
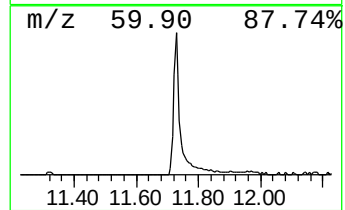
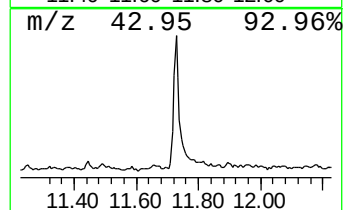
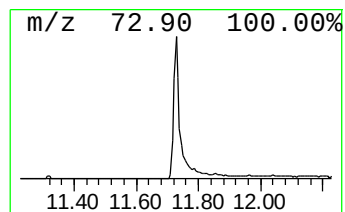
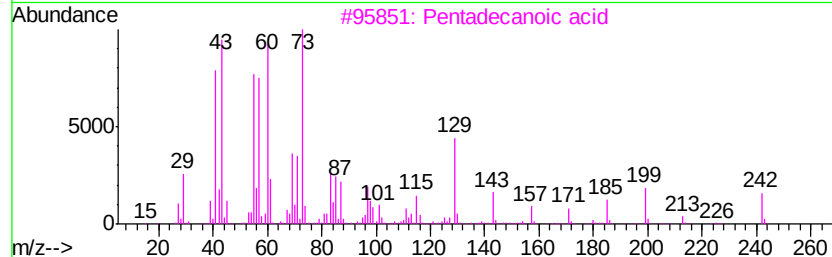
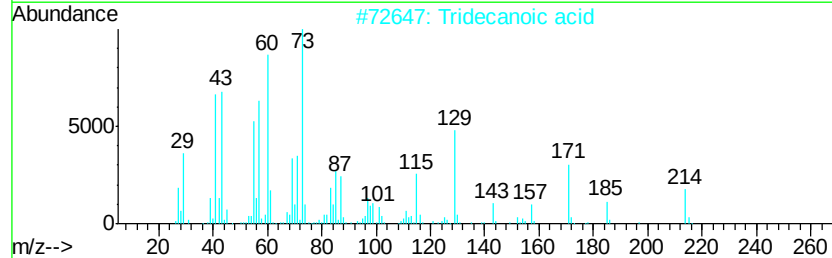
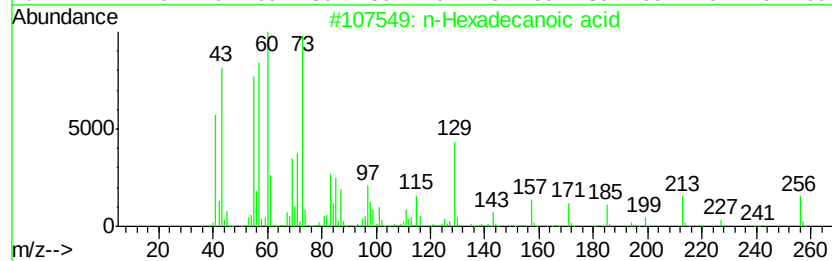
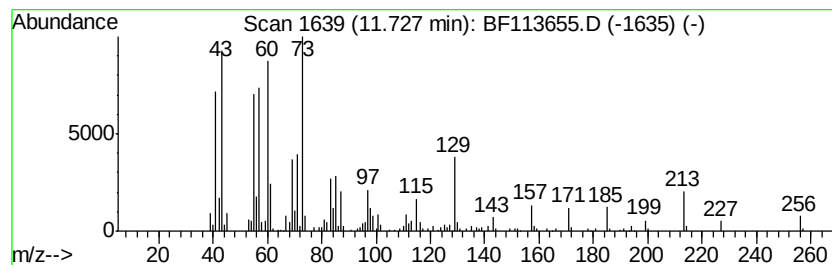
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.67 ng	384230	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	74



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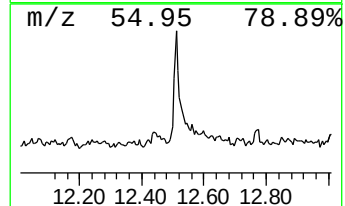
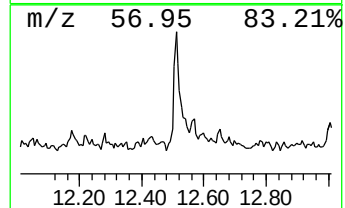
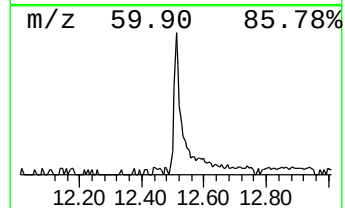
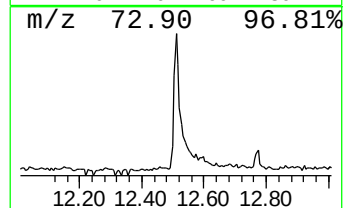
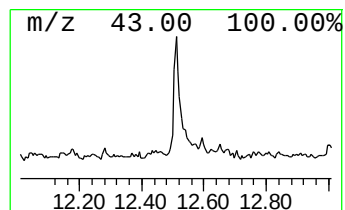
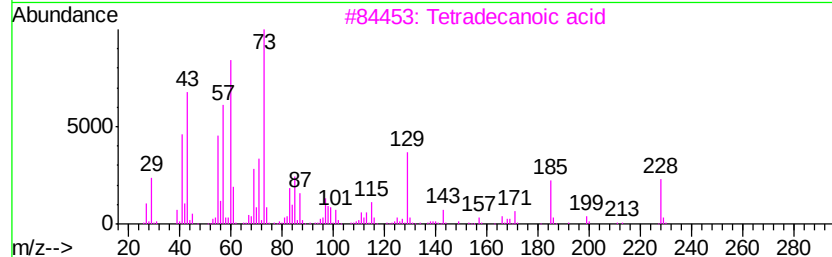
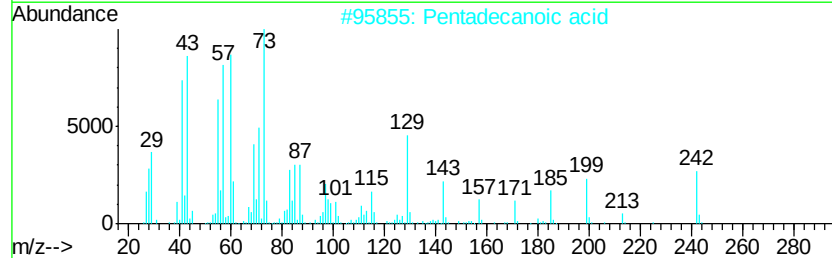
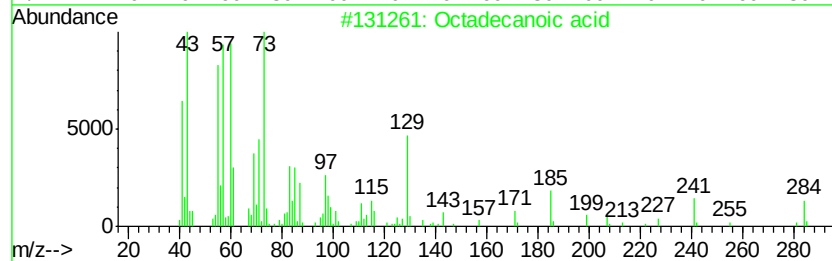
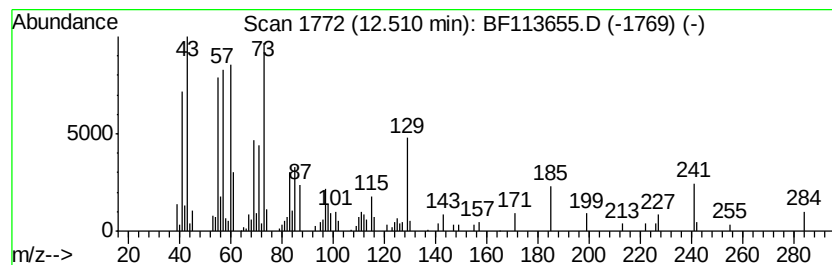
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.93 ng	146644	Phenanthrene-d10	11.19

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Hexadecane	226	C16H34	000544-76-3	53



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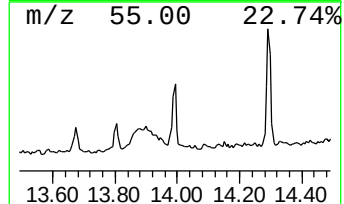
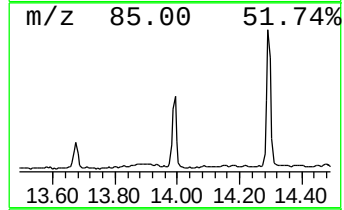
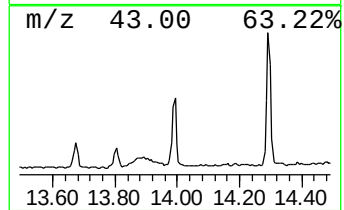
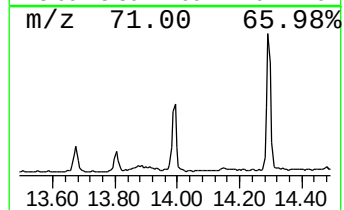
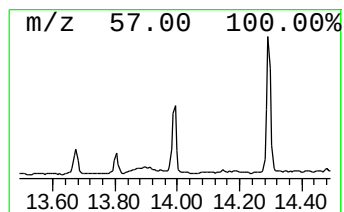
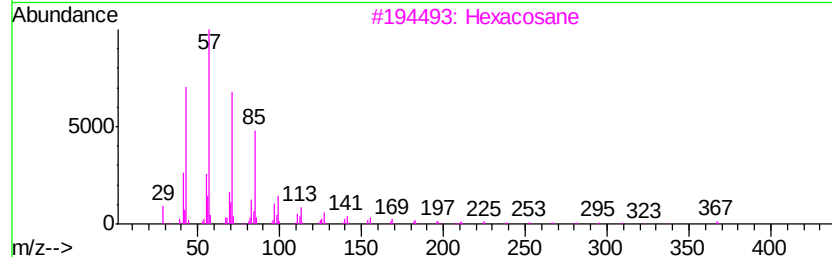
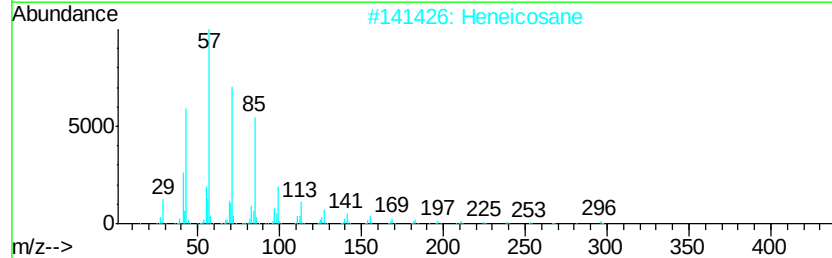
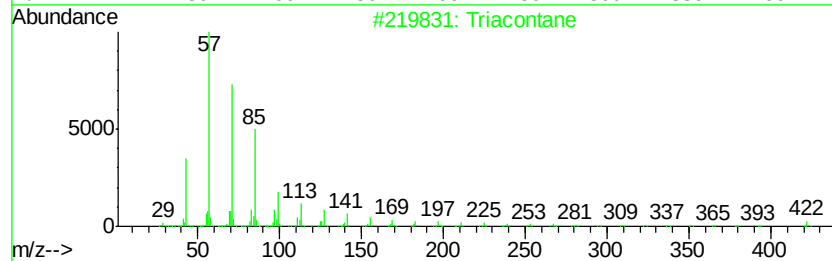
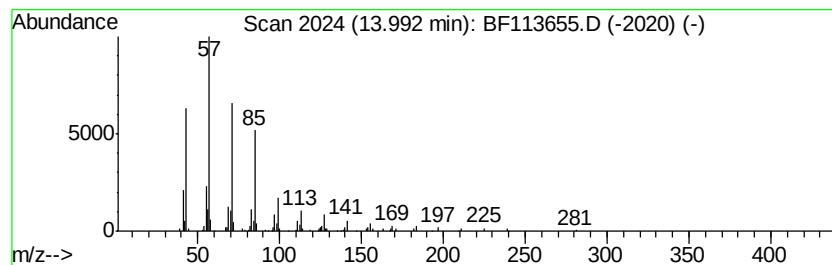
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.72 ng	143655	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Octadecane	254	C18H38	000593-45-3	91



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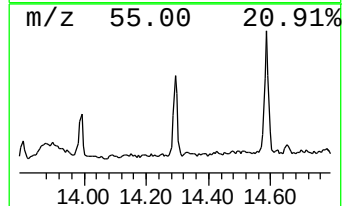
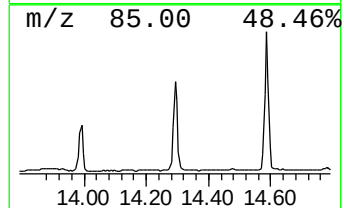
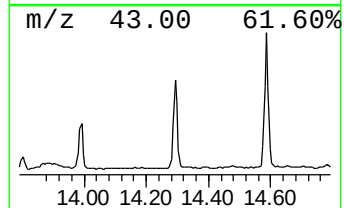
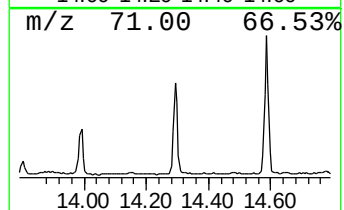
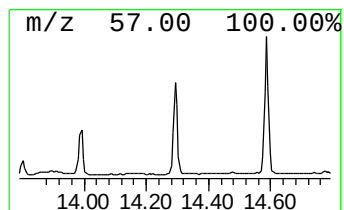
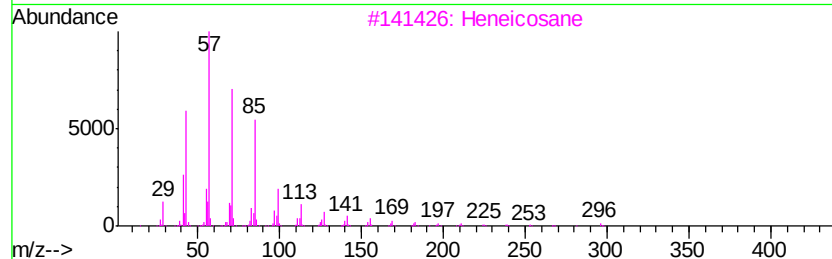
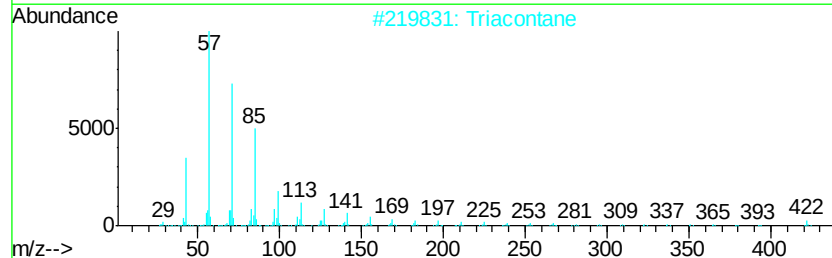
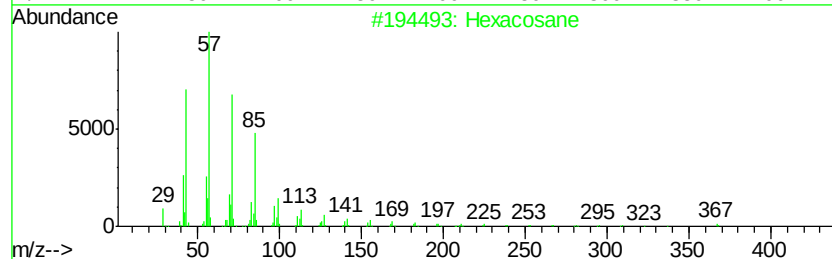
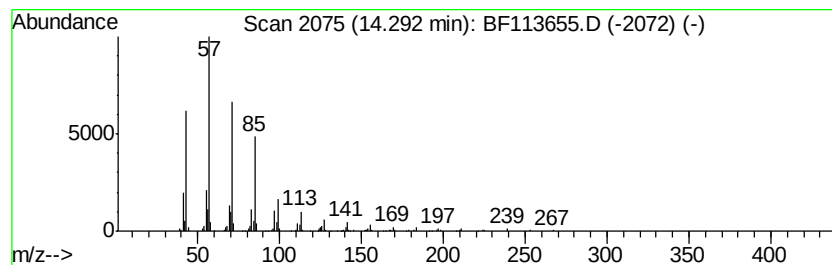
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	5.34 ng	281408	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Triacontane		422	C30H62	000638-68-6	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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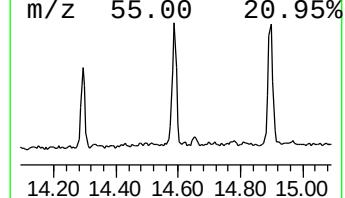
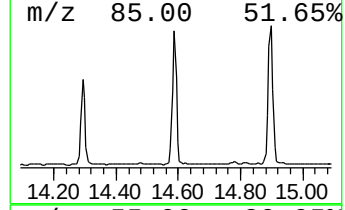
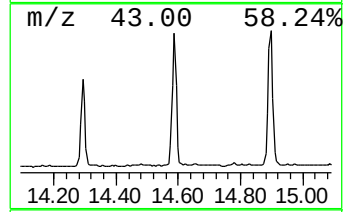
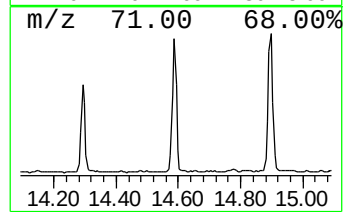
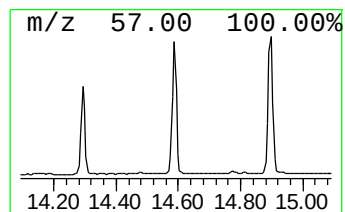
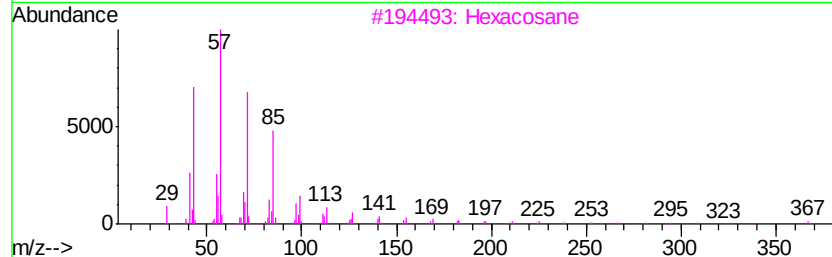
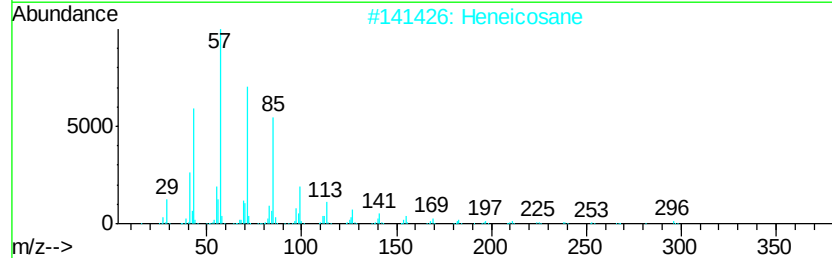
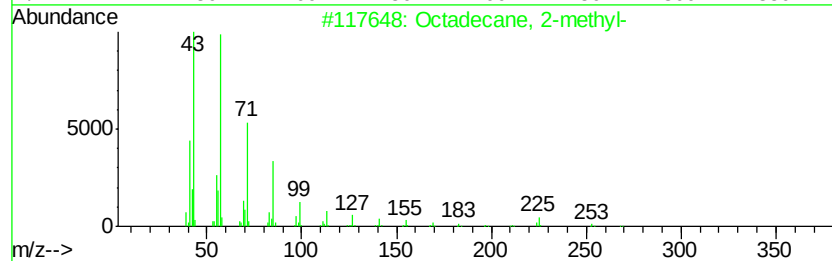
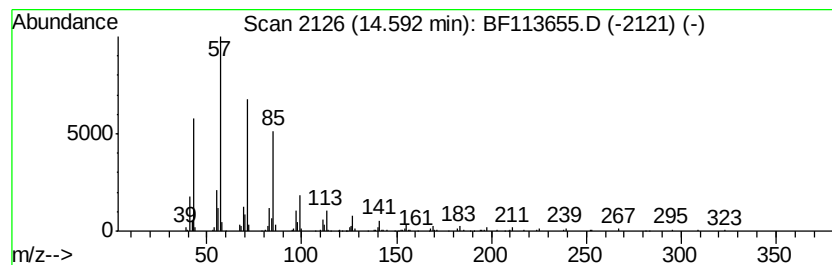
Instrument :
BNA_F
ClientSampleId :
20190169-COMP-CS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.59	5.55 ng	439679	Perylene-d12	15.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113655.D
Acq On : 9 Apr 2019 12:16
Operator : JU/SJ
Sample : K2316-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190169-COMP-CS-1

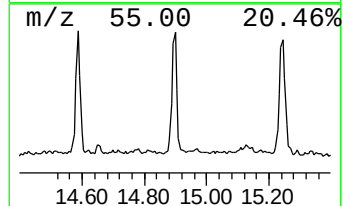
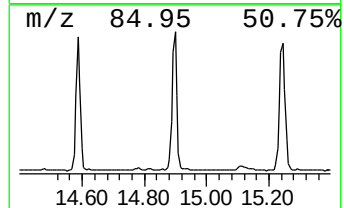
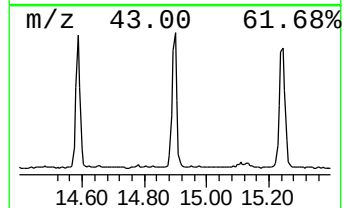
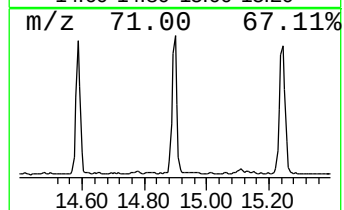
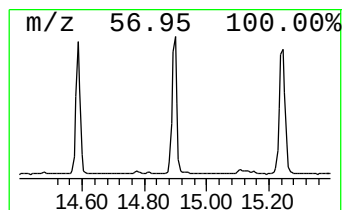
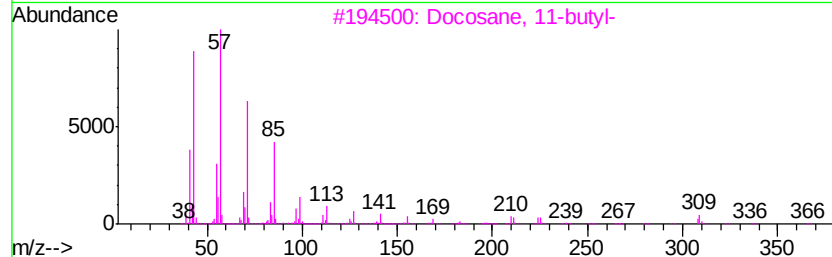
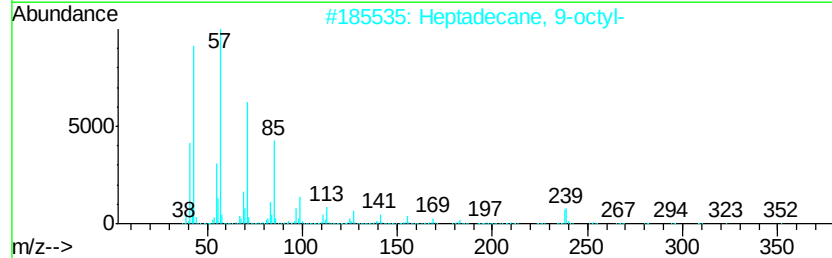
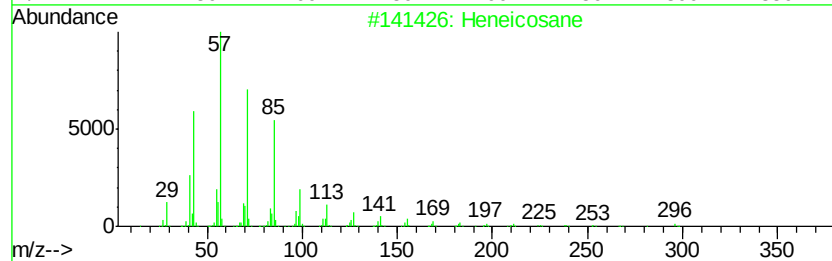
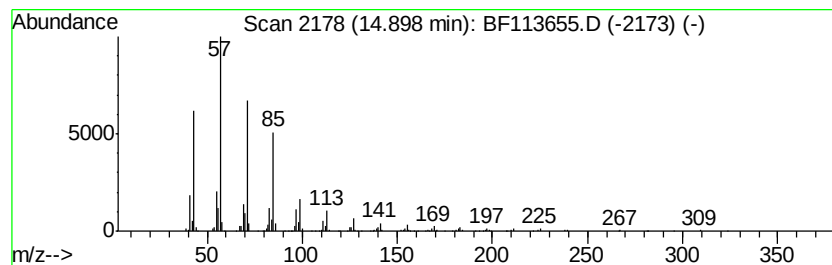
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.69 ng	530474	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113655.D
Acq On : 9 Apr 2019 12:16
Operator : JU/SJ
Sample : K2316-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

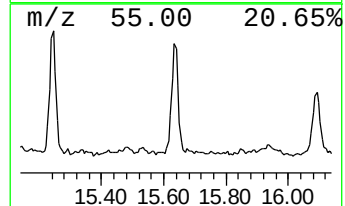
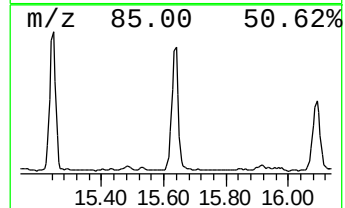
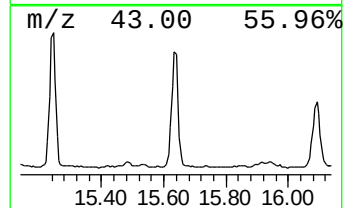
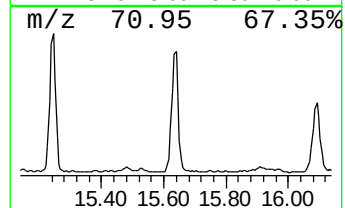
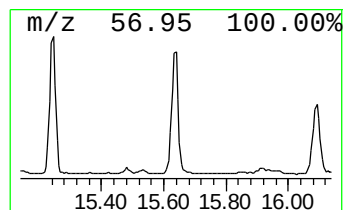
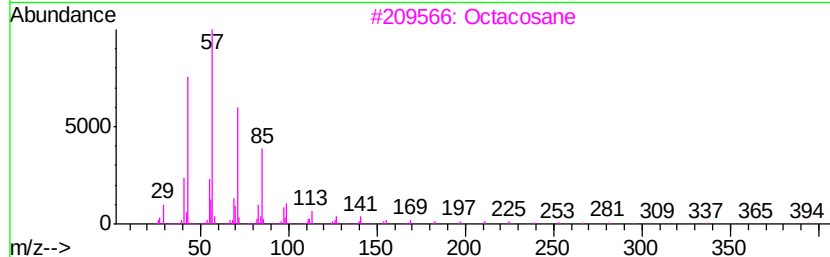
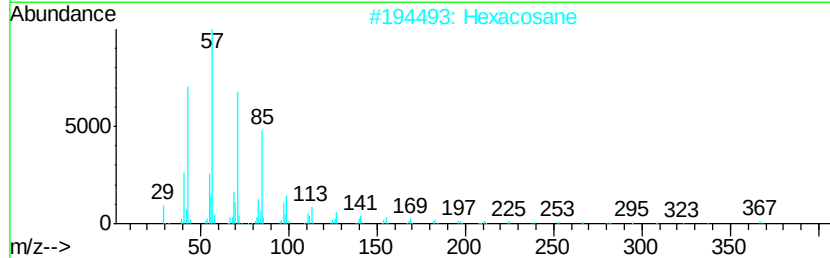
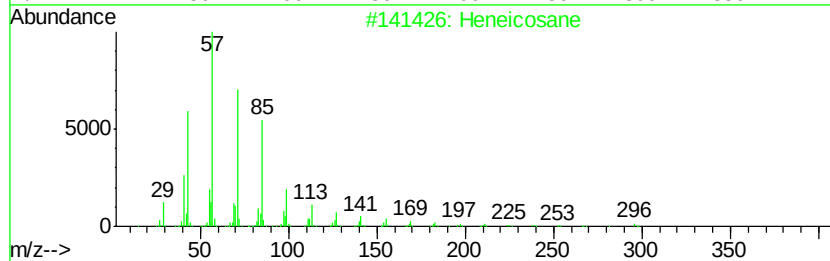
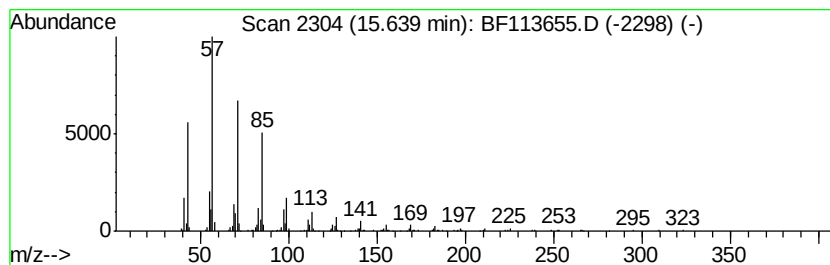
Instrument :
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ClientSampleId :
20190169-COMP-CS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	7.62 ng	604364	Perylene-d12	15.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Hexacosane	366 C26H54	000630-01-3	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Eicosane, 2-methyl-	296 C21H44	001560-84-5	90
5	Docosane	310 C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113655.D
Acq On : 9 Apr 2019 12:16
Operator : JU/SJ
Sample : K2316-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190169-COMP-CS-1

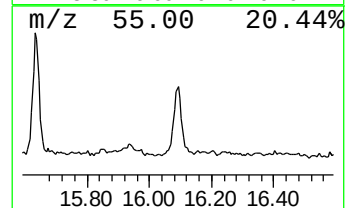
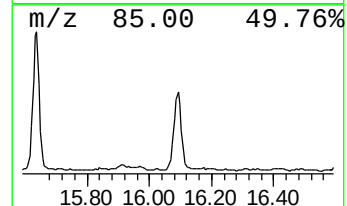
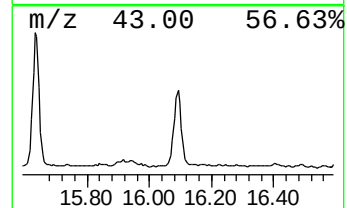
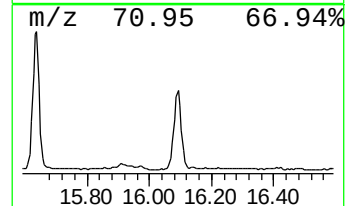
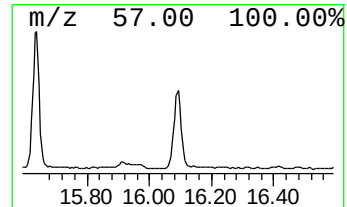
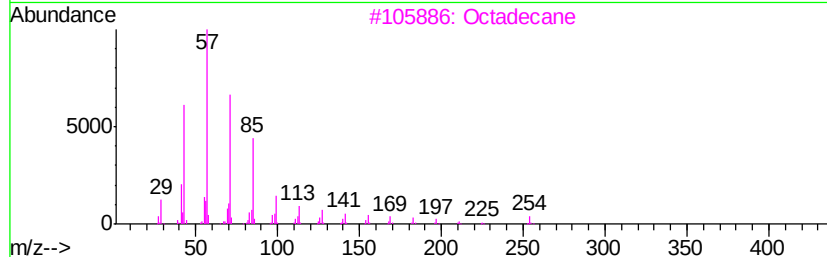
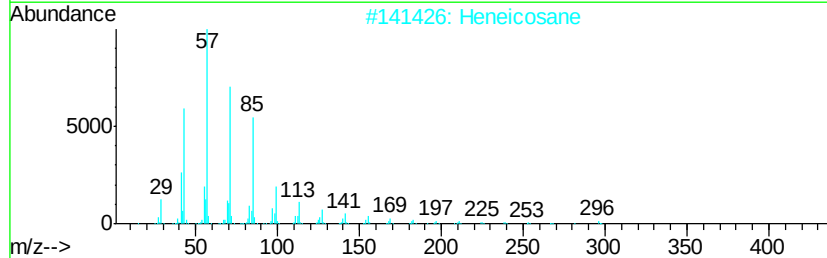
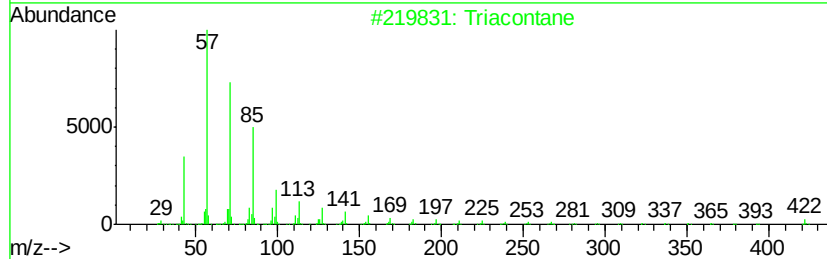
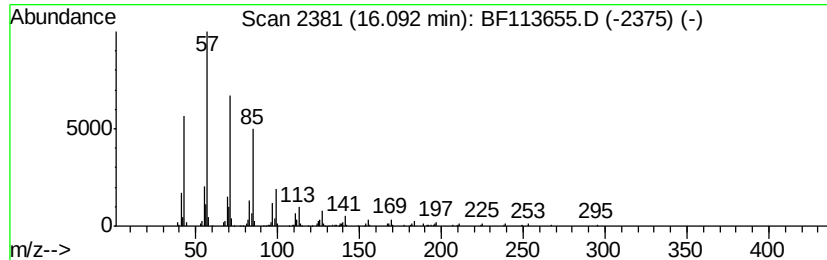
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.00 ng	396126	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Docosane	310	C22H46	000629-97-0	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113655.D
 Acq On : 9 Apr 2019 12:16
 Operator : JU/SJ
 Sample : K2316-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	71.7	ng	2079460	1	6.68	580395	20.0
n-Hexadecanoic acid	11.73	7.7	ng	384230	4	11.19	1001640	20.0
Octadecanoic acid	12.51	2.9	ng	146644	4	11.19	1001640	20.0
Triacontane	13.99	2.7	ng	143655	5	13.83	1054670	20.0
Hexacosane	14.29	5.3	ng	281408	5	13.83	1054670	20.0
Octadecane, 2-met...	14.59	5.5	ng	439679	6	15.23	1585700	20.0
Heneicosane	14.90	6.7	ng	530474	6	15.23	1585700	20.0
Eicosane, 2-methyl-	15.64	7.6	ng	604364	6	15.23	1585700	20.0
Octadecane	16.09	5.0	ng	396126	6	15.23	1585700	20.0