

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
 Data File : BF114583.D
 Acq On : 24 May 2019 21:25
 Operator : JU/SJ
 Sample : K2790-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0509-DH-4

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-BF051019.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	5.445	568	571	606	rBV	2712182	3069116	94.41%	9.596%
2	6.463	740	744	762	rBV	3229097	3250753	100.00%	10.164%
3	6.592	762	766	781	rVB	3167090	3150126	96.90%	9.850%
4	6.810	800	803	814	rBV	851369	760881	23.41%	2.379%
5	6.969	826	830	839	rBV	2692658	2329247	71.65%	7.283%
6	7.375	895	899	913	rBV	2124518	2004105	61.65%	6.266%
7	8.092	1018	1021	1037	rBV	1072417	975064	30.00%	3.049%
8	9.169	1200	1204	1207	rBV	3708807	3110219	95.68%	9.725%
9	9.563	1267	1271	1285	rBV	453803	392823	12.08%	1.228%
10	9.845	1316	1319	1329	rVB2	1196270	1100124	33.84%	3.440%
11	10.639	1450	1454	1466	rBV	2304097	2259989	69.52%	7.066%
12	11.333	1569	1572	1576	rBV	1285228	1210066	37.22%	3.784%
13	11.863	1657	1662	1670	rBV2	314243	410684	12.63%	1.284%
14	12.551	1776	1779	1785	rBV	108969	114212	3.51%	0.357%
15	12.639	1792	1794	1803	rBV2	50436	81685	2.51%	0.255%
16	12.733	1807	1810	1813	rVV	71240	64063	1.97%	0.200%
17	12.780	1813	1818	1826	rVB	92453	118899	3.66%	0.372%
18	12.915	1837	1841	1844	rBV	3547478	3187605	98.06%	9.967%
19	13.139	1872	1879	1882	rVB4	21242	42467	1.31%	0.133%
20	13.392	1916	1922	1926	rBV	284673	421743	12.97%	1.319%
21	13.468	1932	1935	1939	rVB3	57098	76531	2.35%	0.239%
22	13.804	1988	1992	2003	rBV	386336	601199	18.49%	1.880%
23	13.980	2017	2022	2025	rBV	1009960	969008	29.81%	3.030%
24	14.074	2034	2038	2039	rBV	55509	60187	1.85%	0.188%
25	14.121	2043	2046	2054	rVB	82207	94790	2.92%	0.296%
26	14.427	2094	2098	2101	rBV	149134	145955	4.49%	0.456%
27	14.727	2145	2149	2152	rVB	182073	166880	5.13%	0.522%
28	15.027	2196	2200	2201	rBV	39214	42231	1.30%	0.132%
29	15.057	2201	2205	2209	rVB	199261	215243	6.62%	0.673%
30	15.439	2264	2270	2285	rVB2	671012	1073715	33.03%	3.357%
31	15.851	2335	2340	2346	rVB	147378	216444	6.66%	0.677%
32	16.339	2418	2423	2435	rVB2	85019	183226	5.64%	0.573%
33	16.921	2518	2522	2529	rVB3	41180	82875	2.55%	0.259%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSSI-0509-DH-4

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

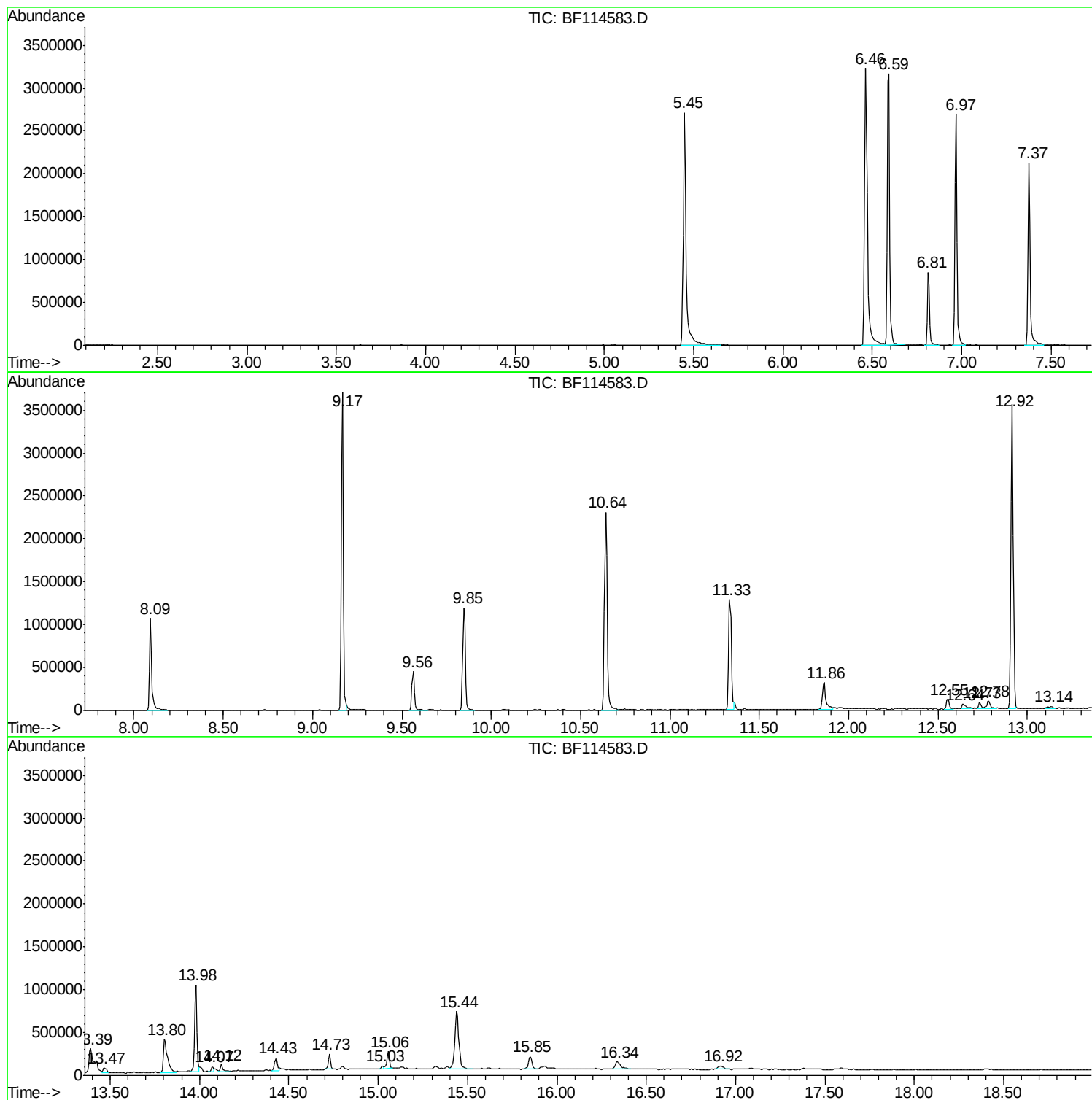
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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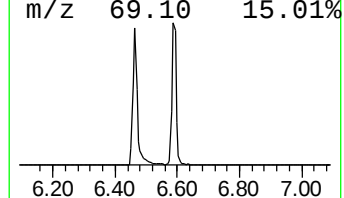
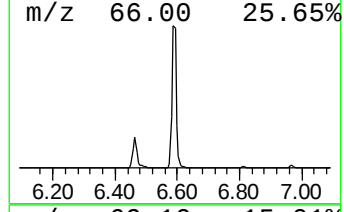
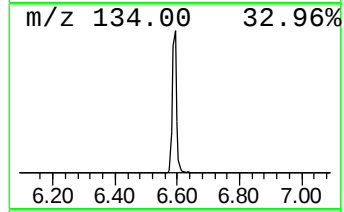
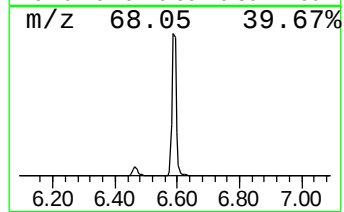
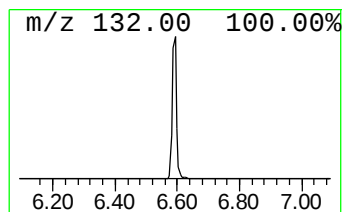
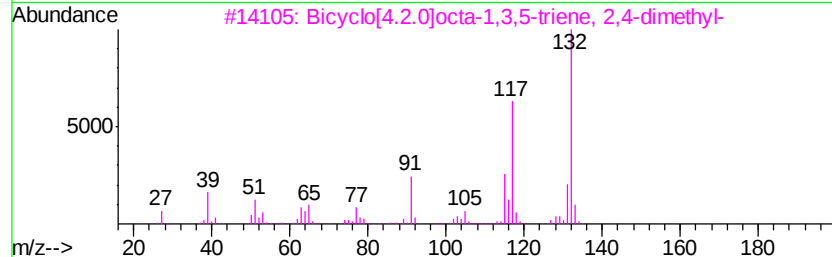
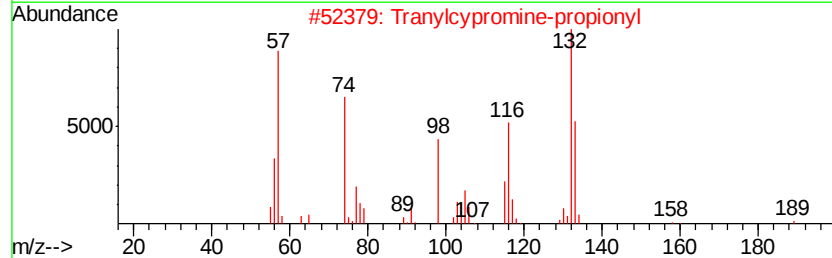
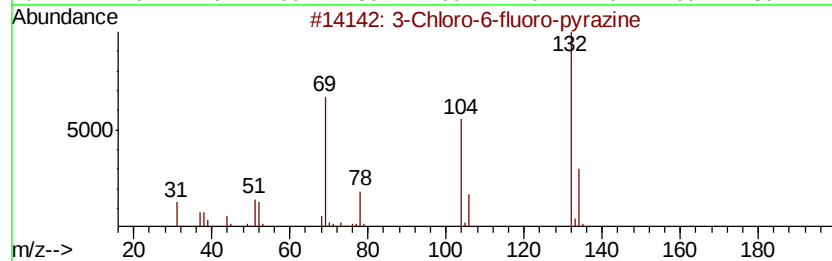
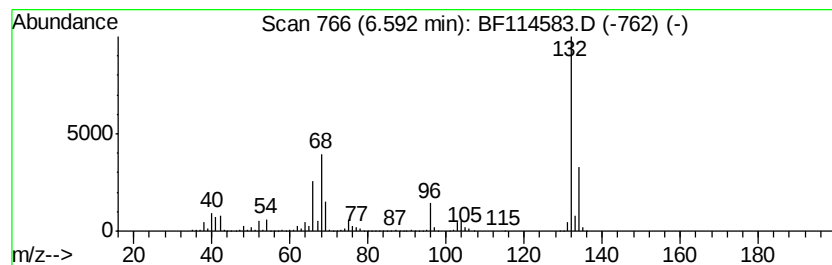
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	82.80 ng	3150130	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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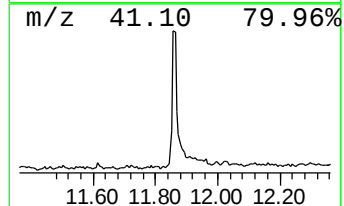
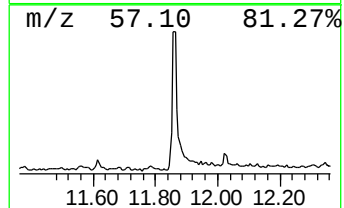
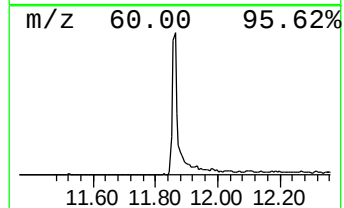
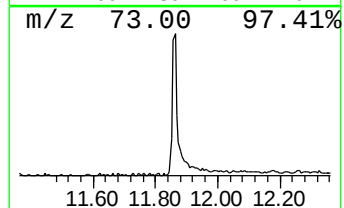
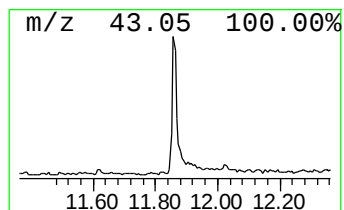
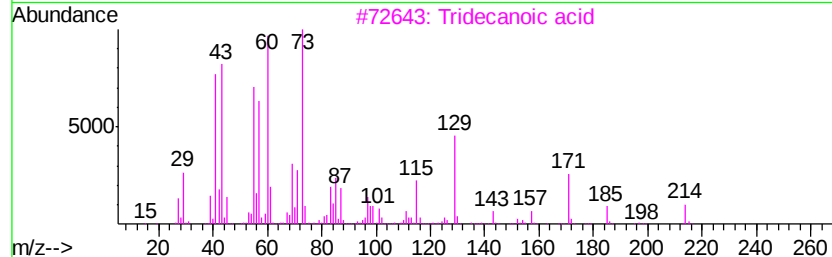
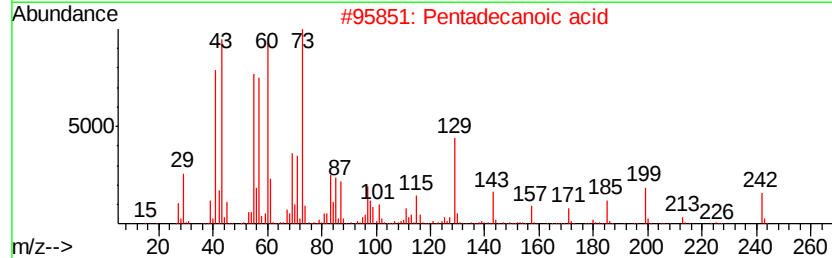
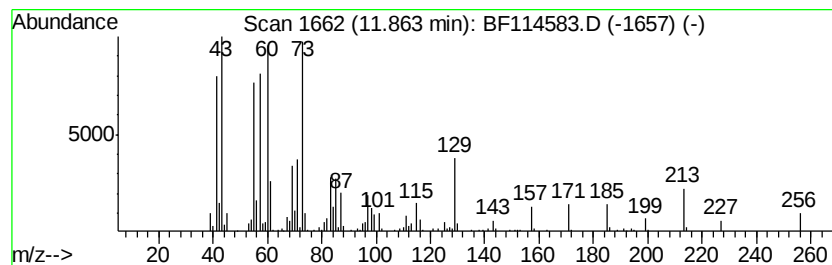
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.86	6.79 ng	410684	Phenanthrene-d10		11.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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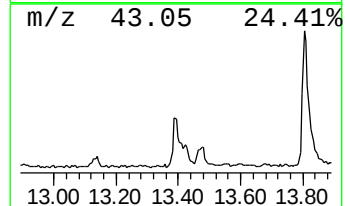
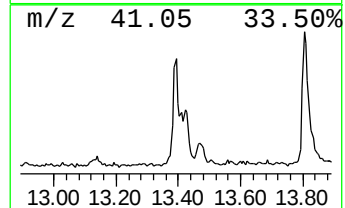
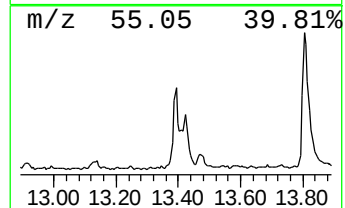
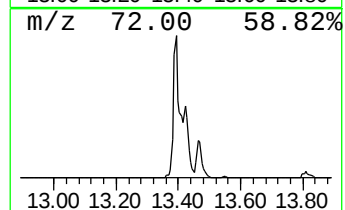
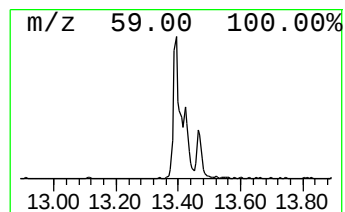
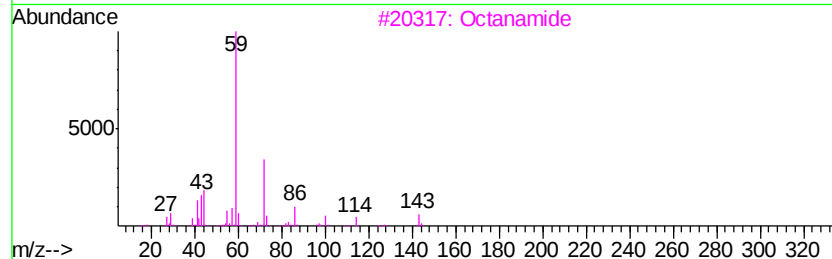
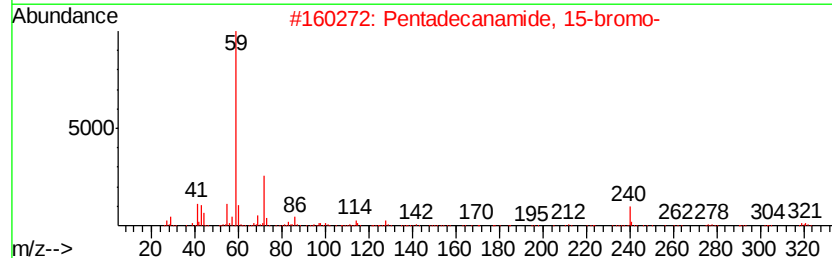
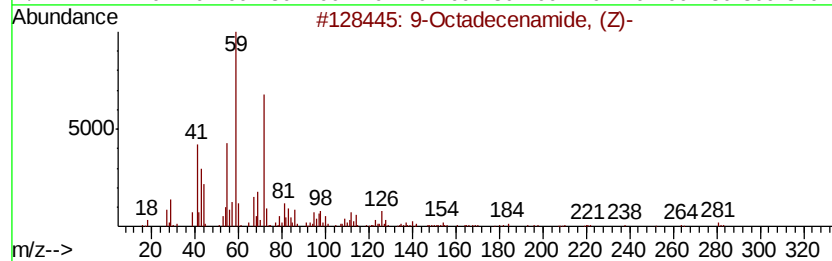
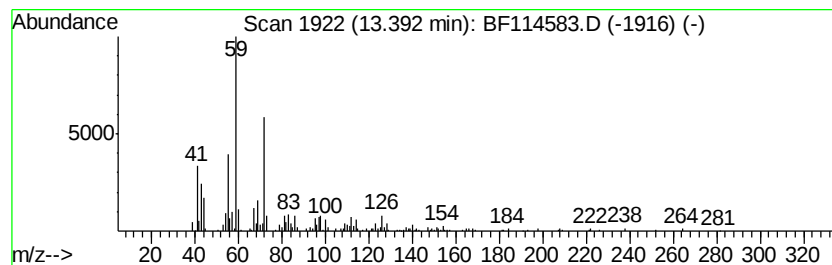
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.70 ng	421743	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
3		Octanamide	143	C8H17NO	000629-01-6	59
4		Dodecanamide	199	C12H25NO	001120-16-7	59
5		Hexadecanamide	255	C16H33NO	000629-54-9	59



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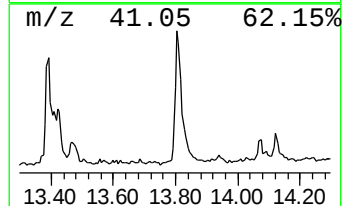
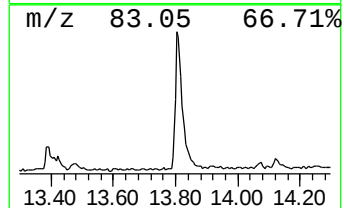
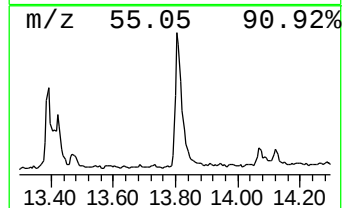
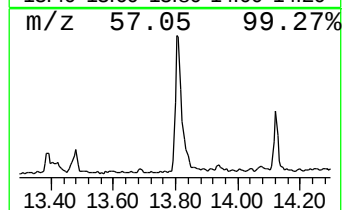
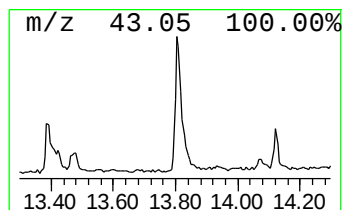
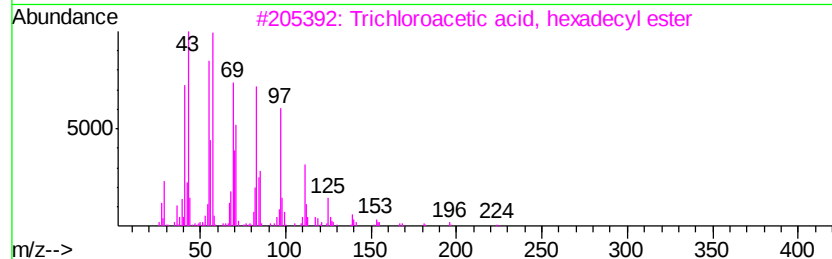
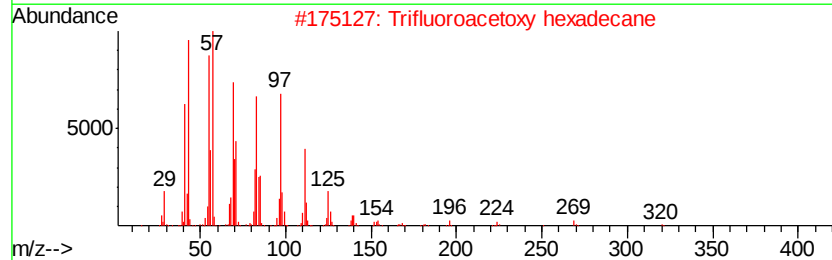
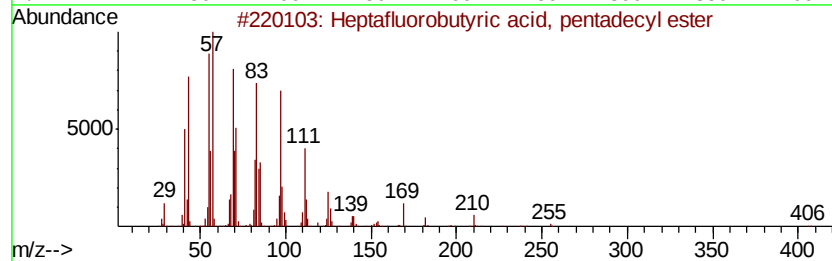
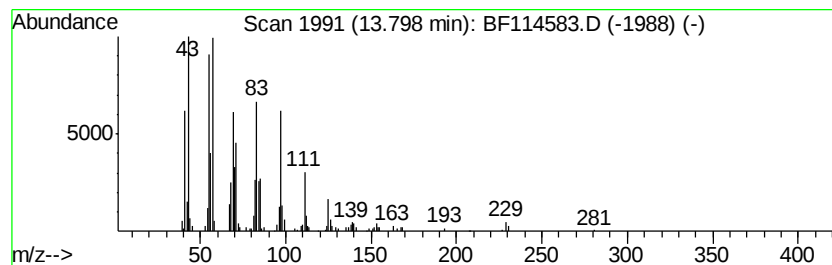
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.41 ng	601199	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



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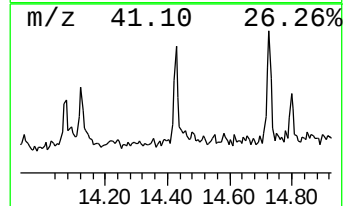
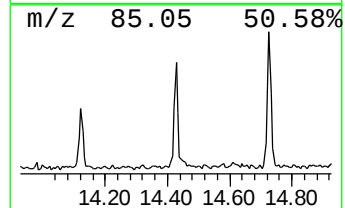
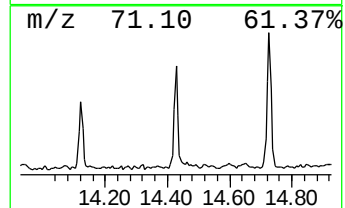
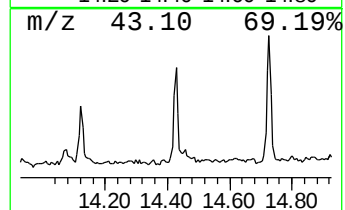
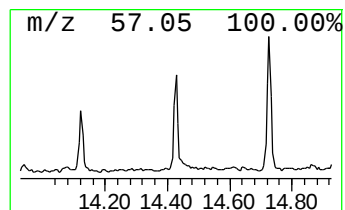
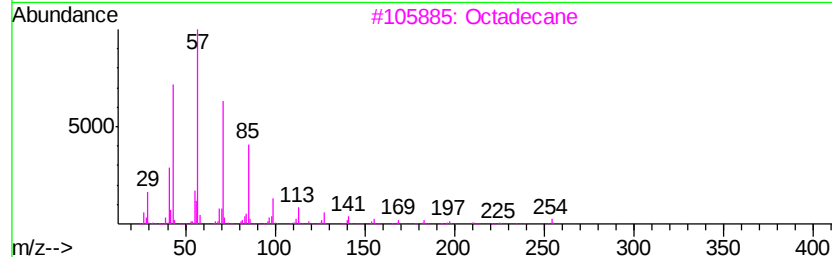
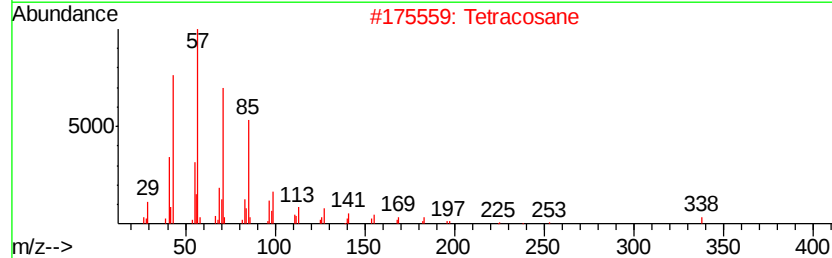
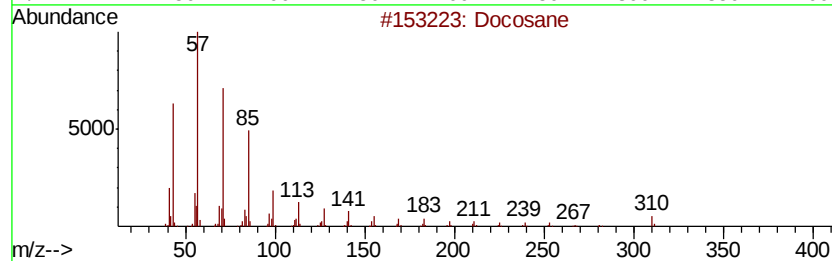
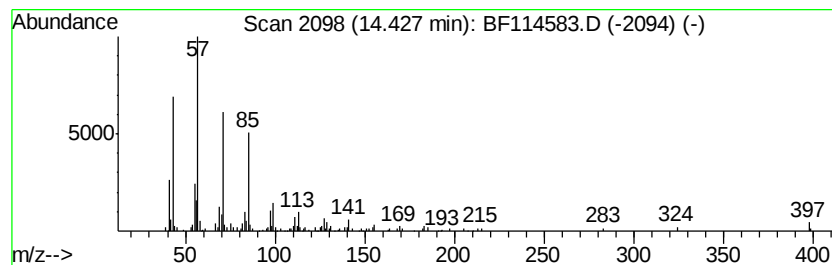
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.01 ng	145955	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Octadecane	254	C18H38	000593-45-3	83
4		Octacosane	394	C28H58	000630-02-4	81
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



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ClientSampleId :
SSSI-0509-DH-4

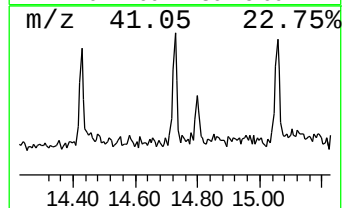
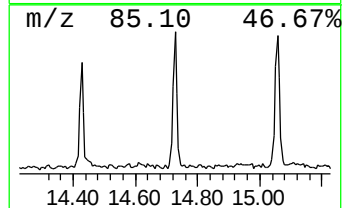
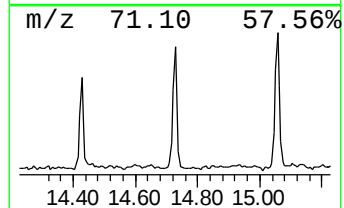
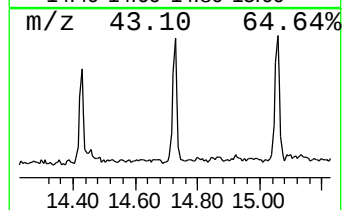
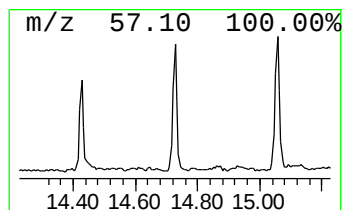
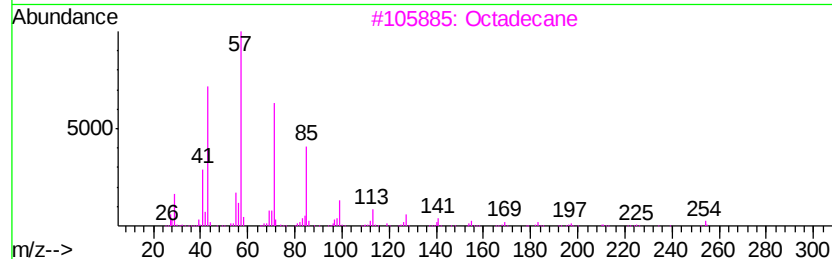
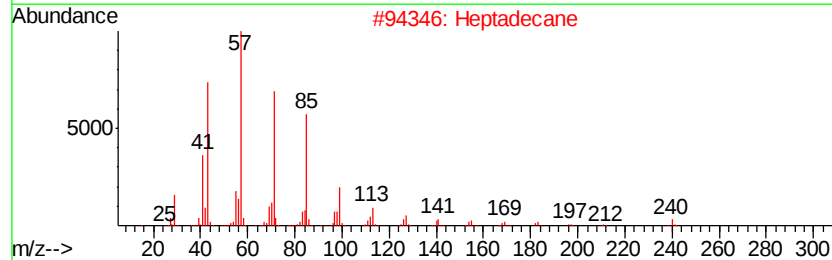
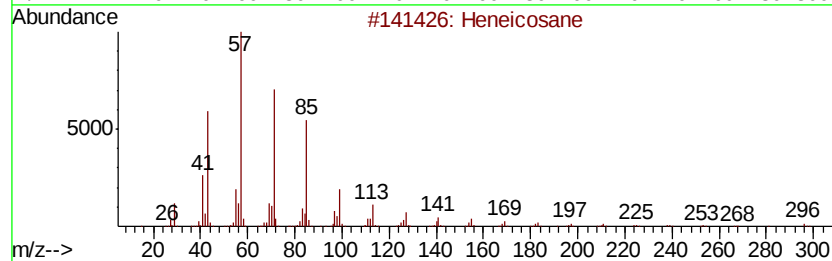
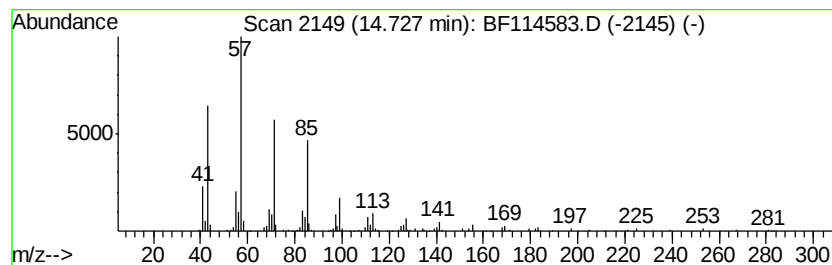
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.11 ng	166880	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Octadecane		254	C18H38	000593-45-3	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Eicosane, 2-methyl-		296	C21H44	001560-84-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114583.D
Acq On : 24 May 2019 21:25
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

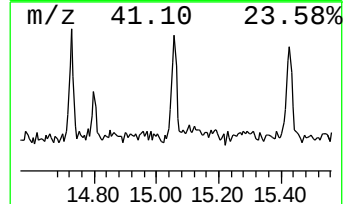
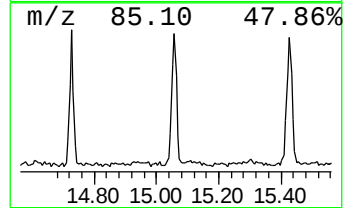
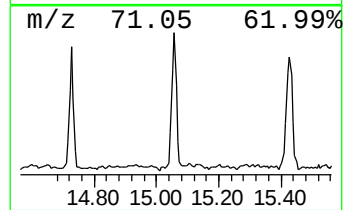
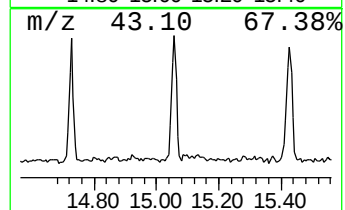
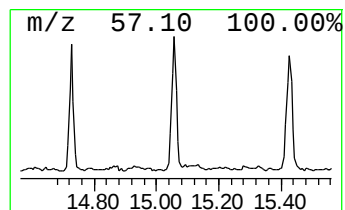
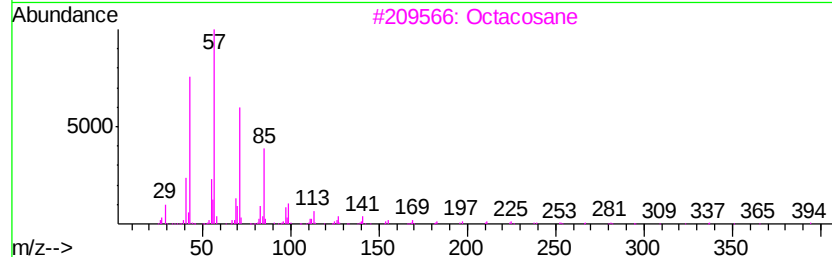
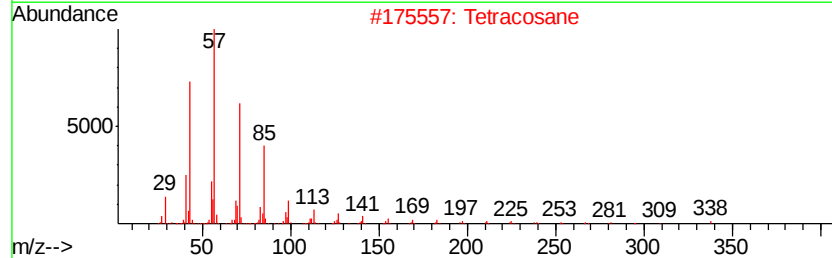
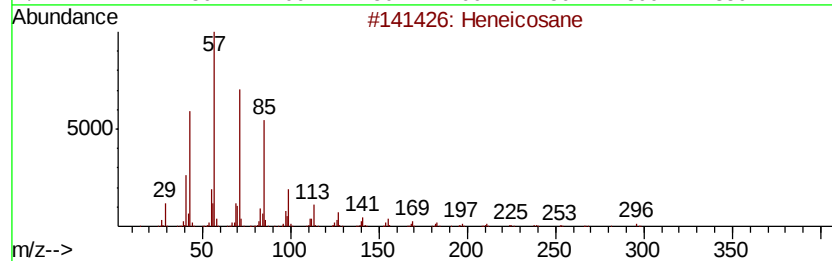
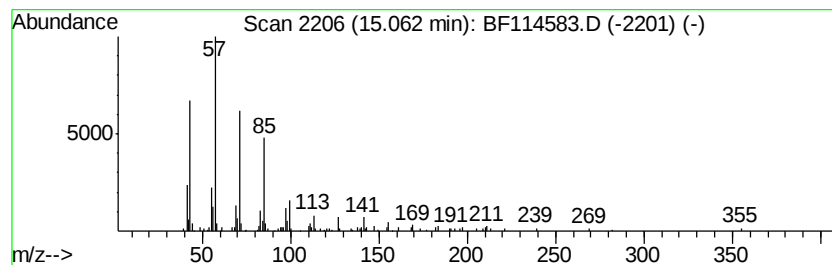
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.01 ng	215243	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Docosane, 7-hexyl-		394	C28H58	055373-86-9	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114583.D
Acq On : 24 May 2019 21:25
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

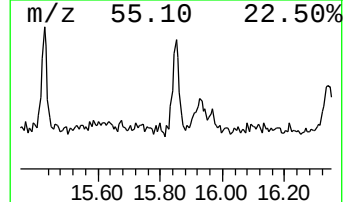
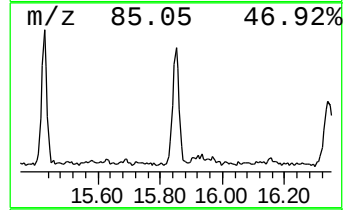
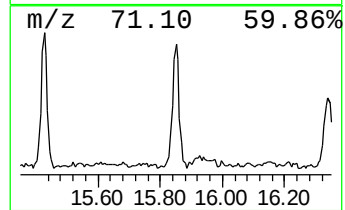
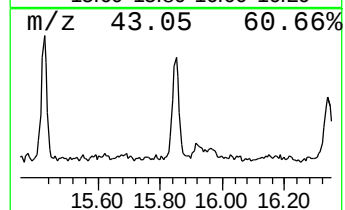
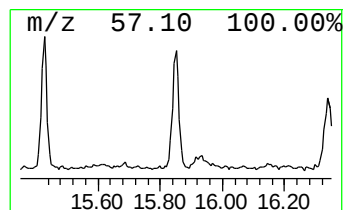
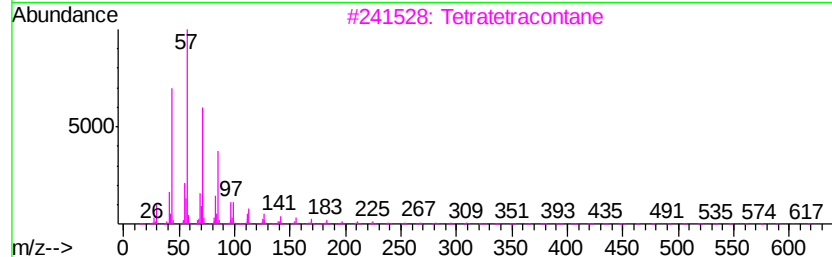
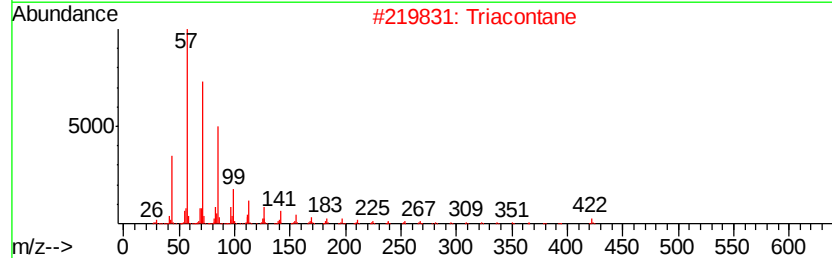
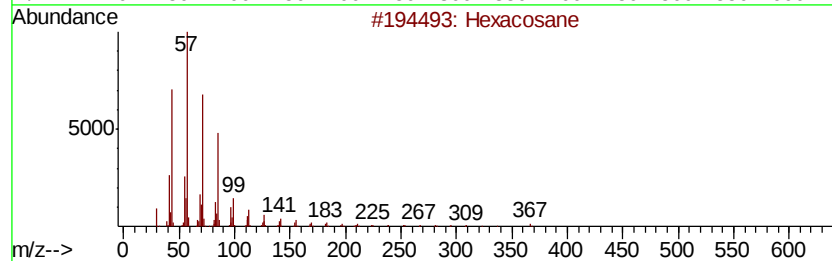
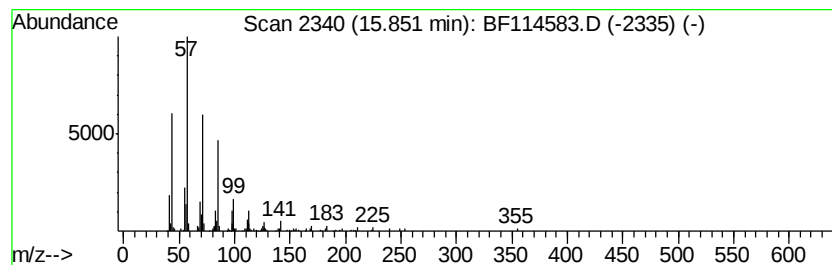
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.03 ng	216444	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114583.D
Acq On : 24 May 2019 21:25
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0509-DH-4

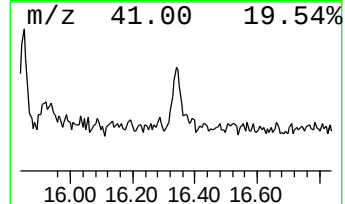
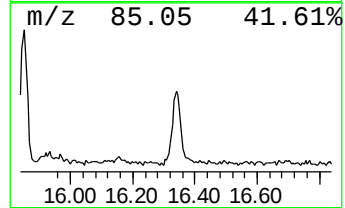
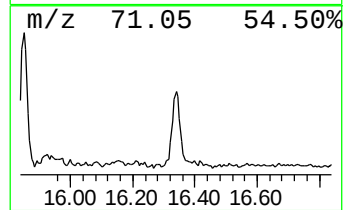
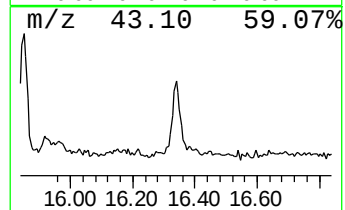
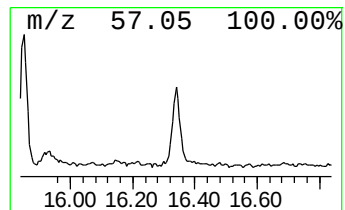
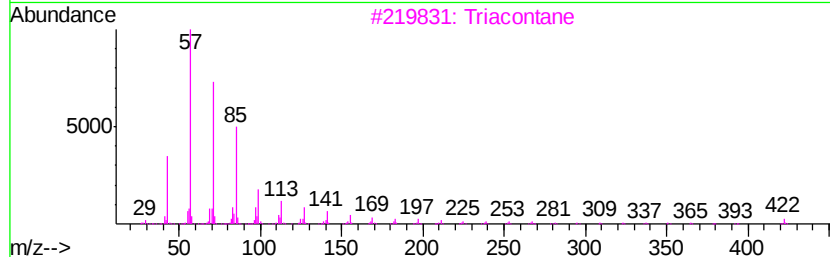
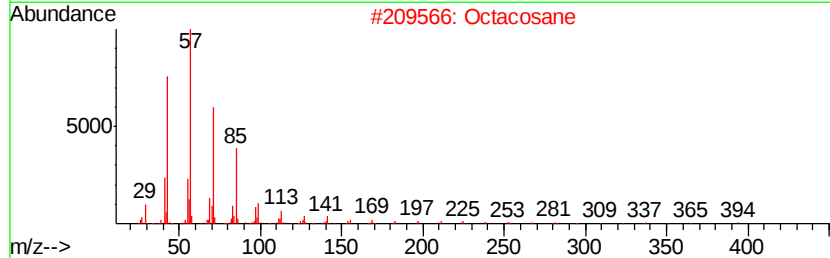
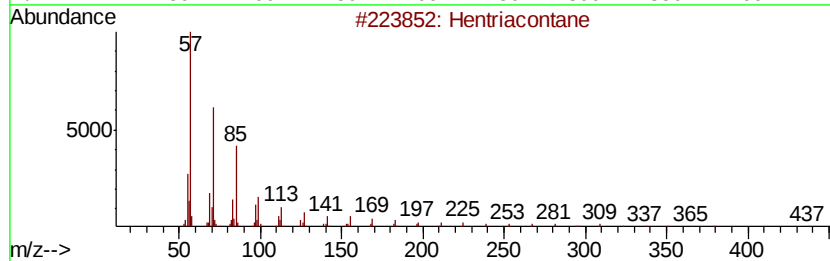
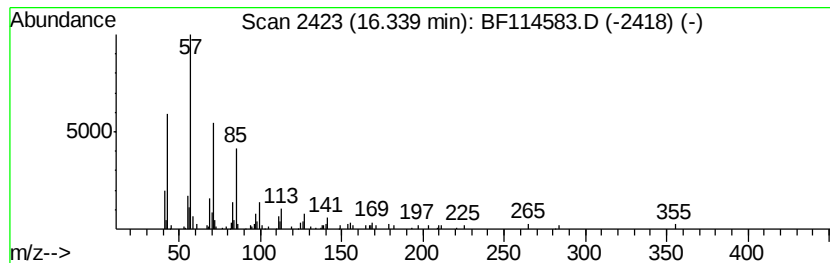
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.41 ng	183226	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Docosane	310	C22H46	000629-97-0	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
Data File : BF114583.D
Acq On : 24 May 2019 21:25
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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	11.86	6.8	ng	410684	4	11.33	1210070	20.0
9-Octadecenamide,...	13.39	8.7	ng	421743	5	13.98	969008	20.0
Heptafluorobutyri...	13.80	12.4	ng	601199	5	13.98	969008	20.0
Docosane	14.43	3.0	ng	145955	5	13.98	969008	20.0
Heneicosane	14.73	3.1	ng	166880	6	15.44	1073720	20.0
Tetracosane	15.06	4.0	ng	215243	6	15.44	1073720	20.0
Hexacosane	15.85	4.0	ng	216444	6	15.44	1073720	20.0
Hentriacontane	16.34	3.4	ng	183226	6	15.44	1073720	20.0