

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
 Data File : BF114581.D
 Acq On : 24 May 2019 20:32
 Operator : JU/SJ
 Sample : K2994-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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	5.028	497	500	509	rVB	43929	59465	1.28%	0.178%
2	5.446	568	571	590	rBV	1530351	1983014	42.72%	5.921%
3	6.463	741	744	762	rBV	1138067	1396972	30.09%	4.171%
4	6.587	762	765	783	rVB	3160540	3334162	71.82%	9.956%
5	6.810	800	803	813	rBV	999860	886571	19.10%	2.647%
6	6.969	826	830	845	rBV	3246965	2923875	62.98%	8.731%
7	7.375	895	899	914	rBV	2650698	2591509	55.82%	7.738%
8	8.092	1017	1021	1036	rBV	1238528	1153086	24.84%	3.443%
9	9.169	1200	1204	1207	rBV	5020813	4318169	93.02%	12.894%
10	9.563	1268	1271	1277	rBV	111873	100559	2.17%	0.300%
11	9.845	1316	1319	1328	rBV	1342001	1277030	27.51%	3.813%
12	10.639	1450	1454	1470	rBV	2713818	2806465	60.45%	8.380%
13	11.333	1569	1572	1576	rBV	1497786	1399552	30.15%	4.179%
14	11.857	1658	1661	1668	rBV2	163097	204620	4.41%	0.611%
15	12.557	1776	1780	1791	rBV	68414	123526	2.66%	0.369%
16	12.645	1791	1795	1808	rVV4	53102	98661	2.13%	0.295%
17	12.786	1814	1819	1821	rBV	50932	53189	1.15%	0.159%
18	12.922	1837	1842	1845	rBV	4614290	4642307	100.00%	13.862%
19	13.480	1932	1937	1939	rBV2	77621	75590	1.63%	0.226%
20	13.810	1989	1993	2003	rBV	143979	168408	3.63%	0.503%
21	13.980	2018	2022	2031	rVB	1260994	1205308	25.96%	3.599%
22	14.121	2042	2046	2050	rBV	162775	155928	3.36%	0.466%
23	14.427	2094	2098	2102	rBV	209172	190896	4.11%	0.570%
24	14.727	2145	2149	2153	rVB	241202	238101	5.13%	0.711%
25	15.057	2201	2205	2210	rVB	230869	247741	5.34%	0.740%
26	15.439	2263	2270	2279	rBV2	834419	1305363	28.12%	3.898%
27	15.851	2335	2340	2347	rVB	184529	281256	6.06%	0.840%
28	16.339	2418	2423	2434	rVB	104842	193570	4.17%	0.578%
29	16.915	2516	2521	2529	rVB3	37352	73670	1.59%	0.220%

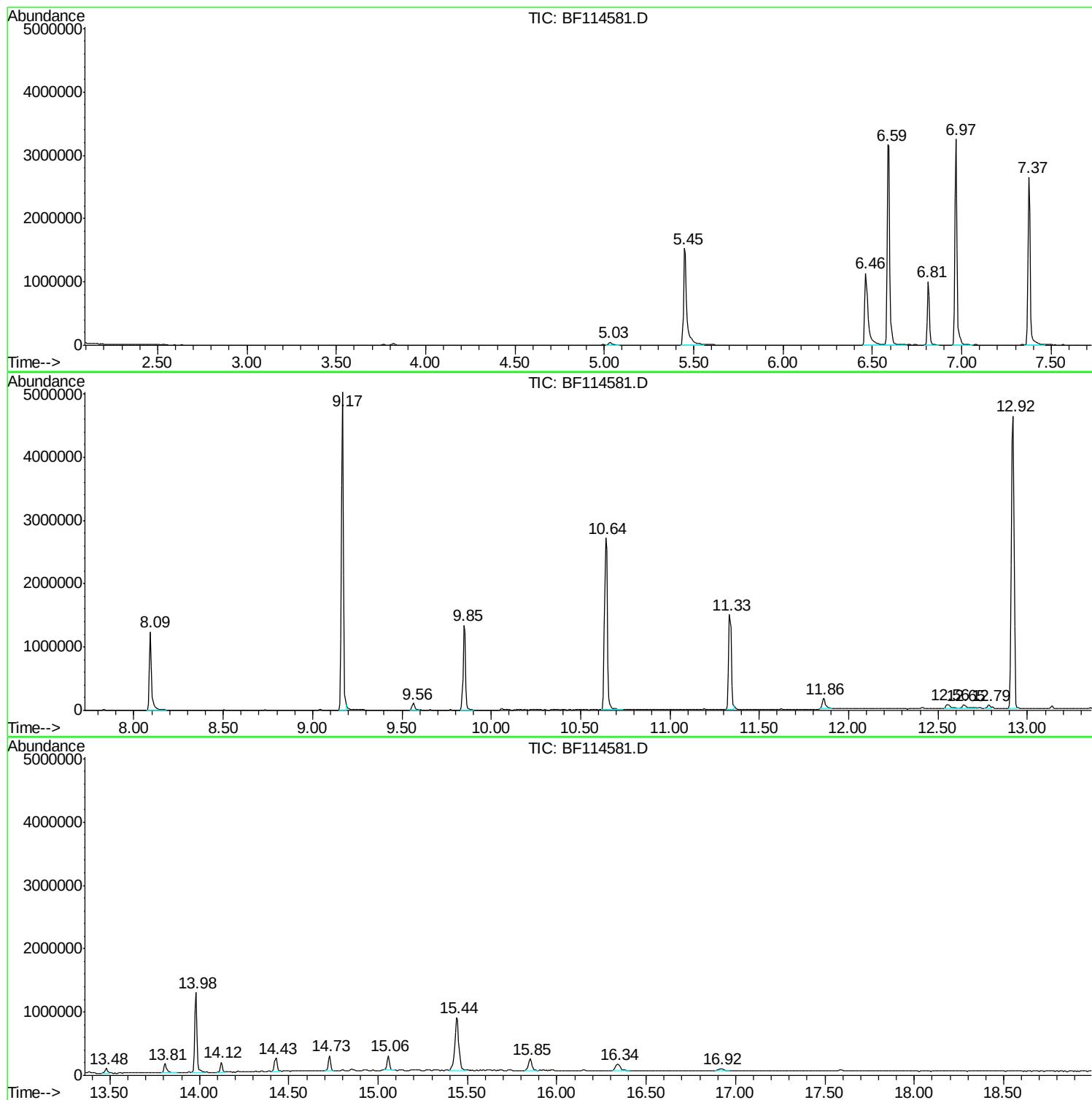
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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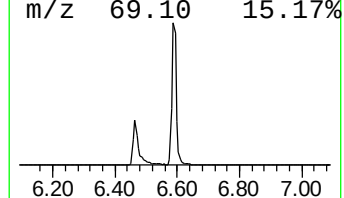
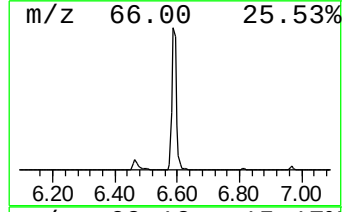
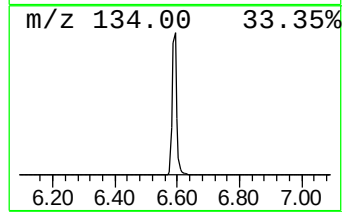
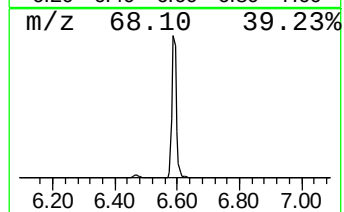
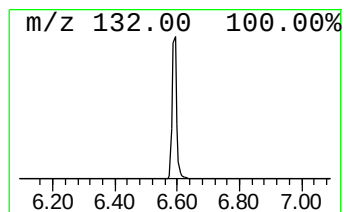
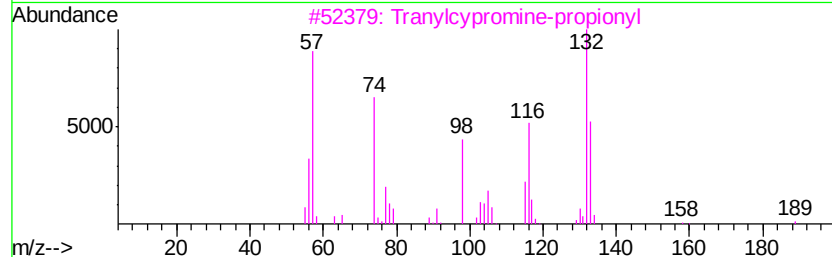
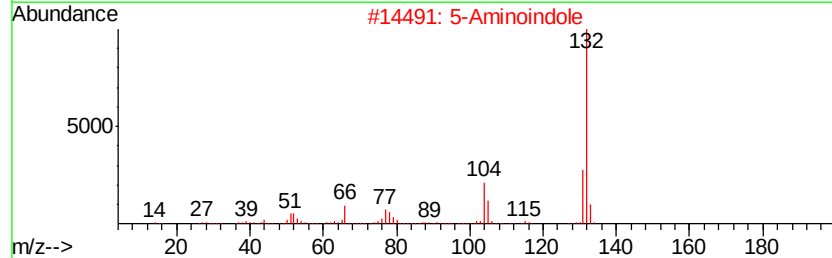
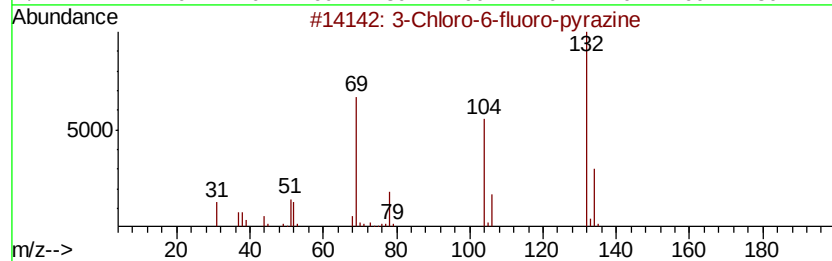
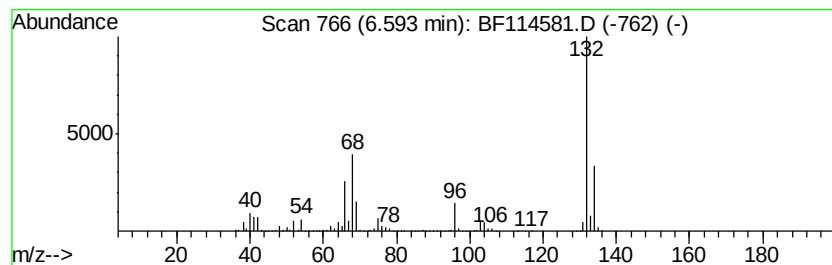
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	75.21 ng	3334160	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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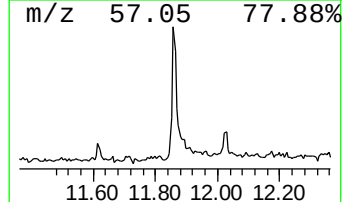
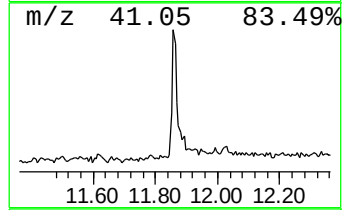
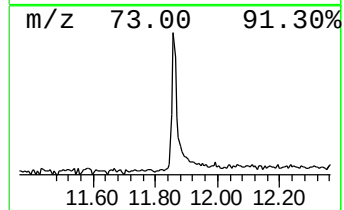
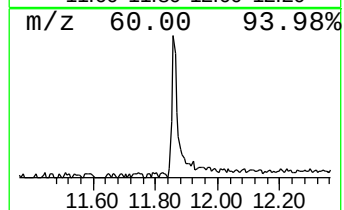
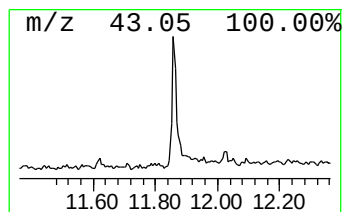
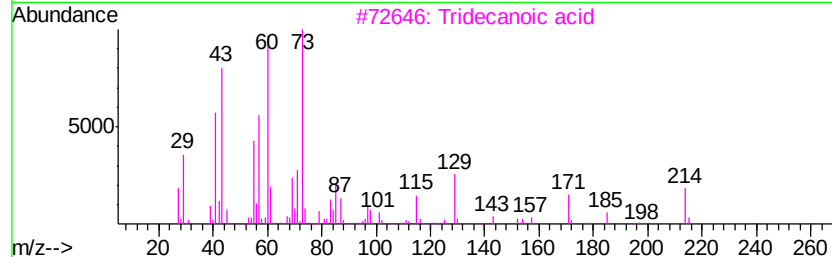
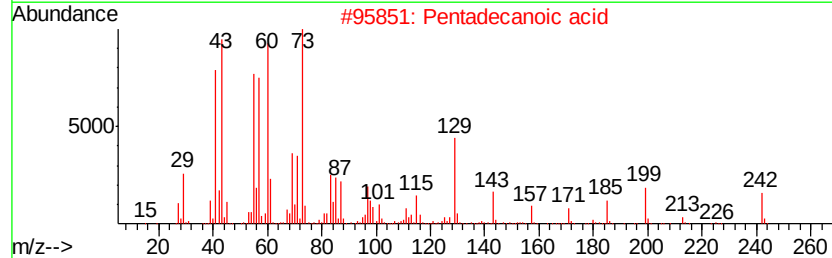
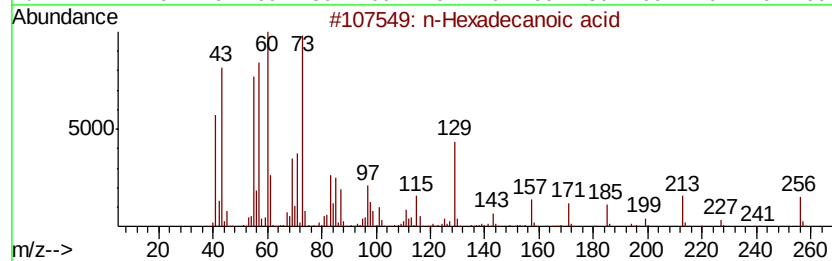
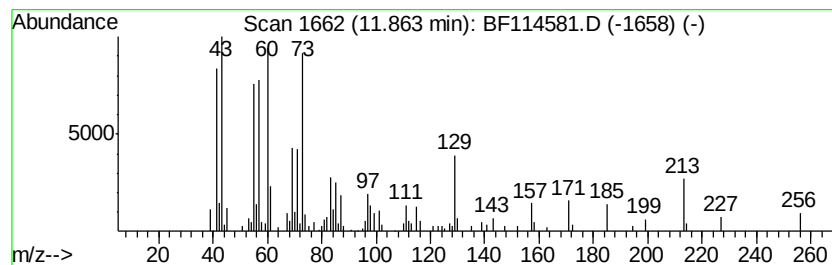
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.92 ng	204620	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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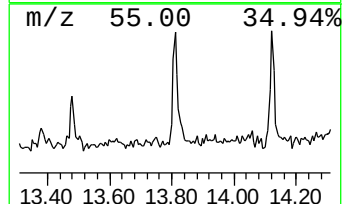
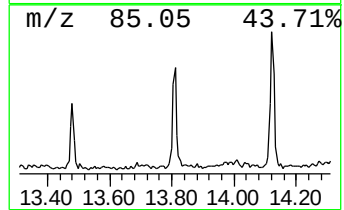
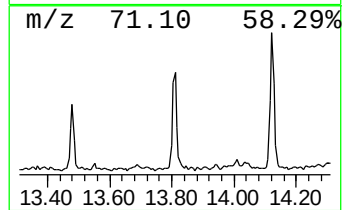
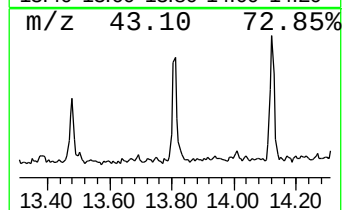
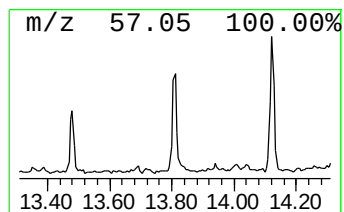
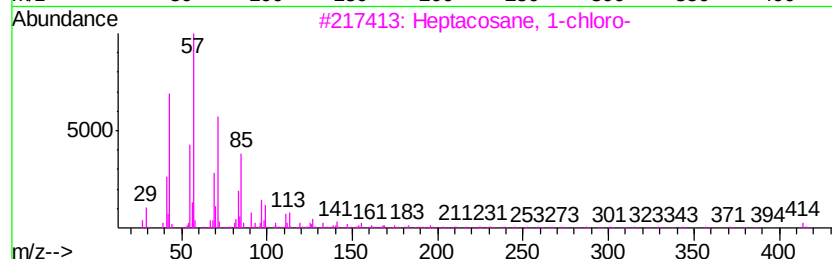
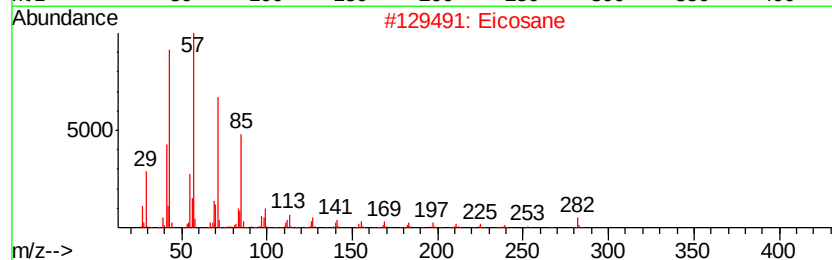
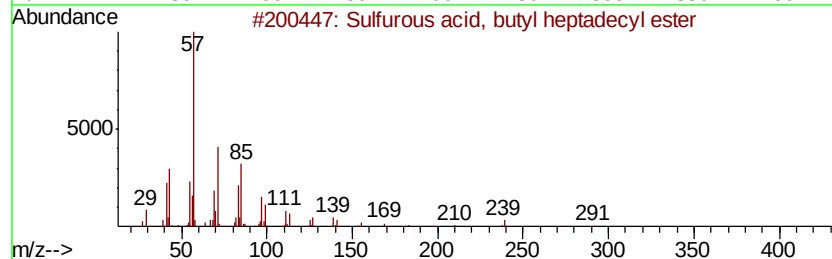
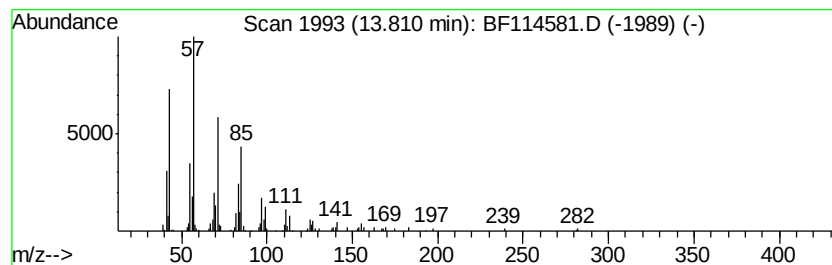
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Peak Number 4 Sulfurous acid, butyl hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.79 ng	168408	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
5		Tritetracontane	605	C43H88	007098-21-7	91



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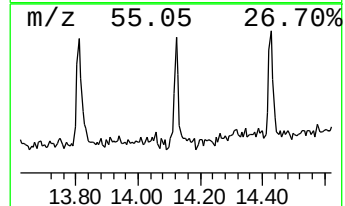
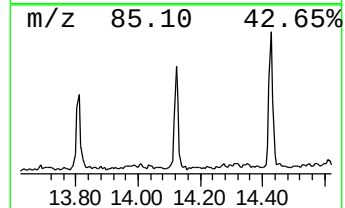
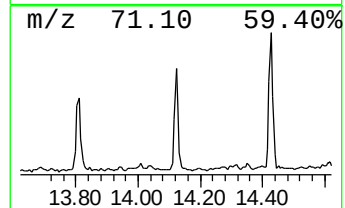
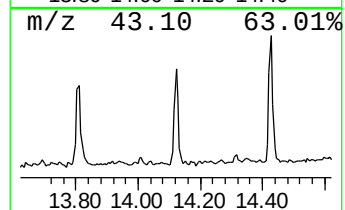
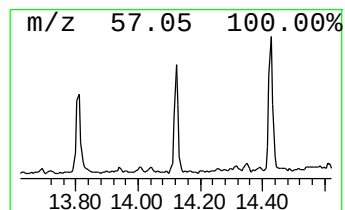
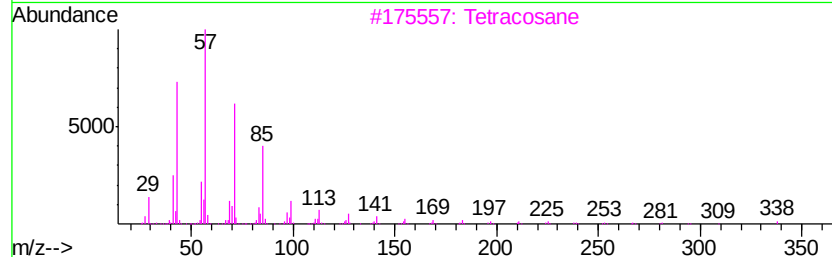
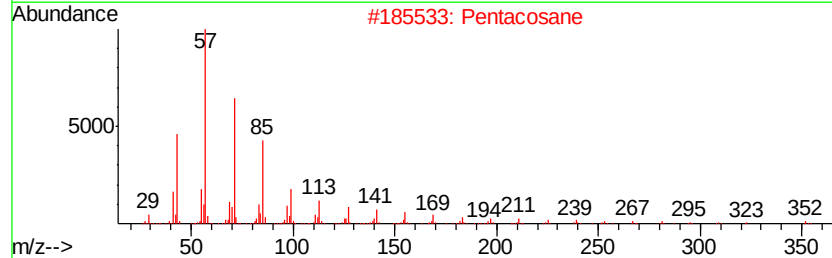
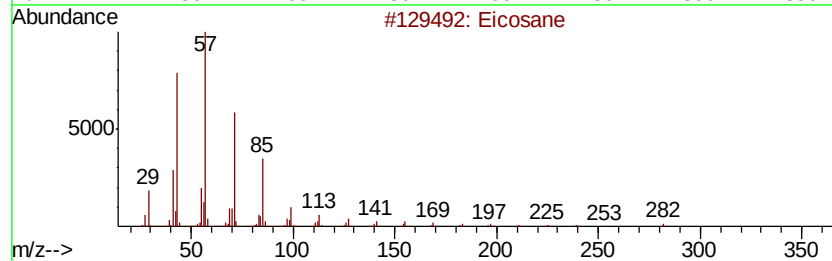
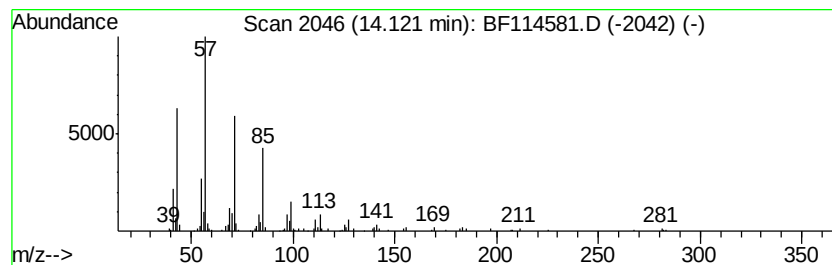
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.59 ng	155928	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptacosane		380	C27H56	000593-49-7	87



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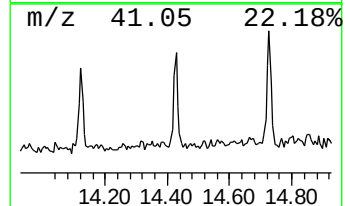
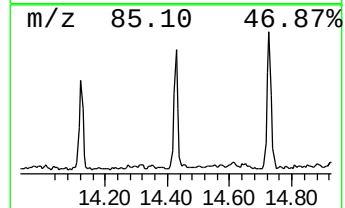
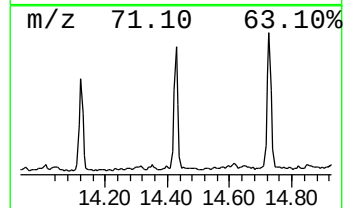
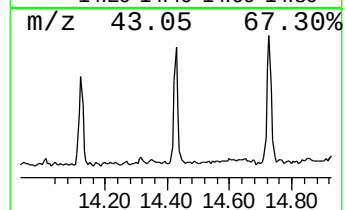
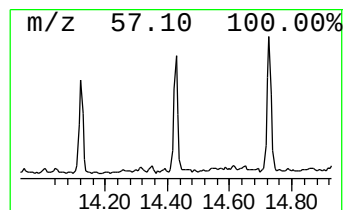
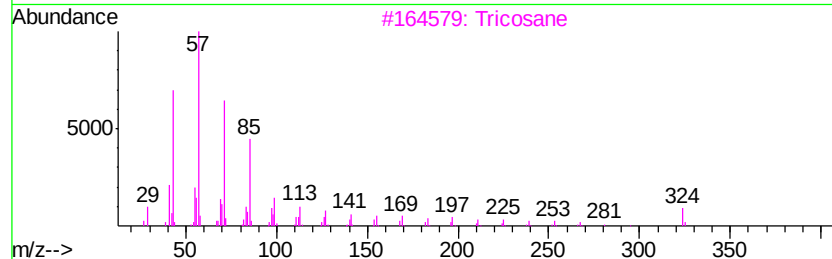
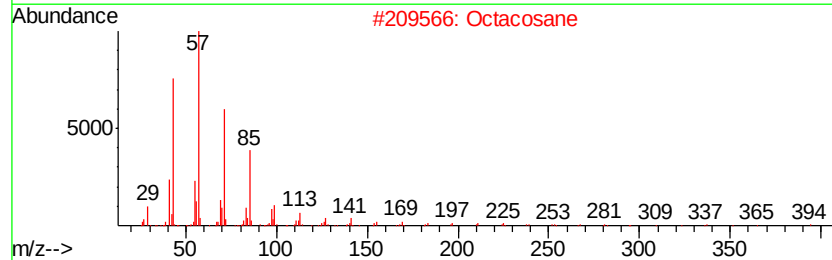
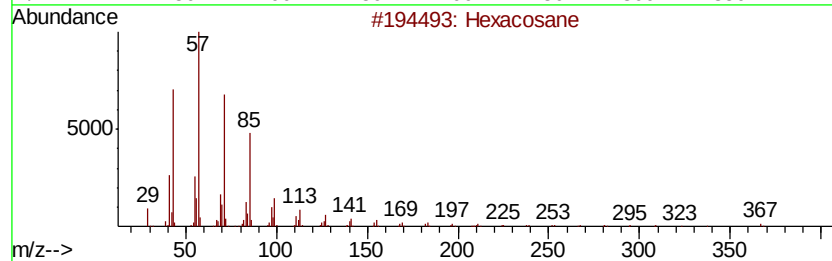
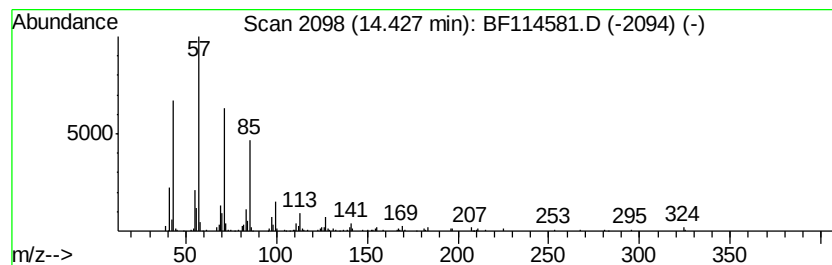
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.43	3.17 ng	190896	Chrysene-d12		13.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	91



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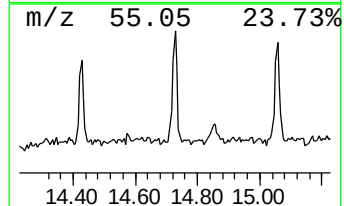
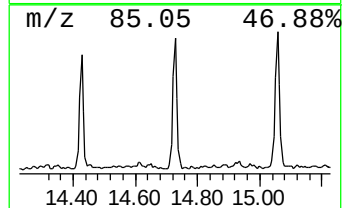
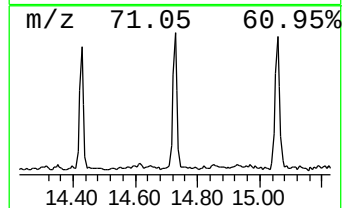
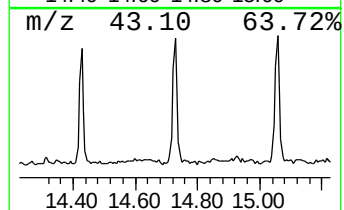
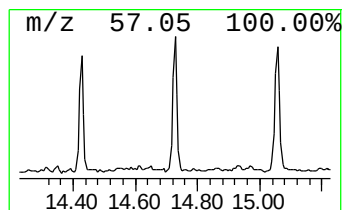
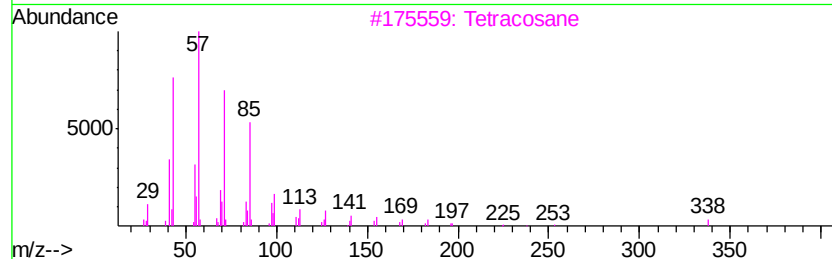
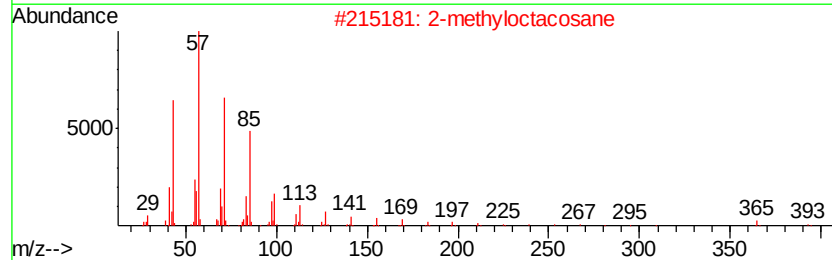
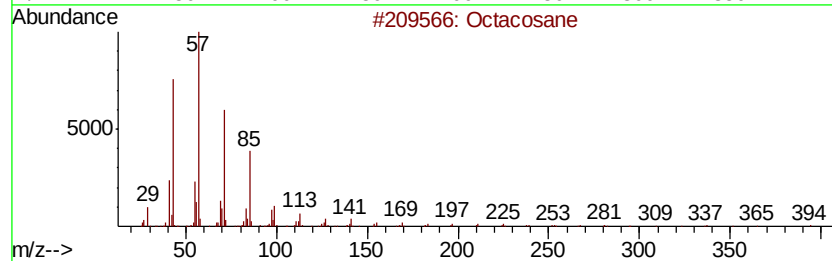
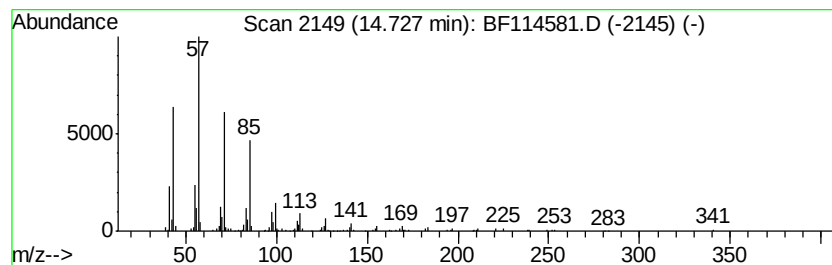
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.65 ng	238101	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114581.D
Acq On : 24 May 2019 20:32
Operator : JU/SJ
Sample : K2994-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

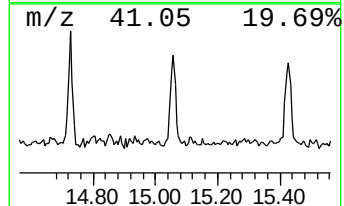
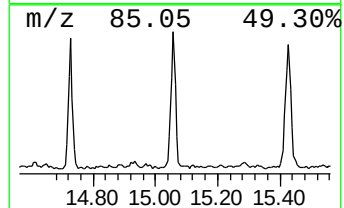
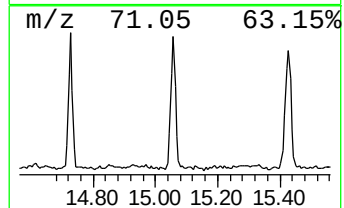
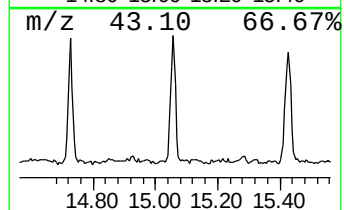
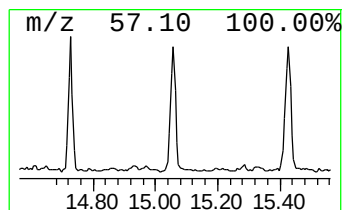
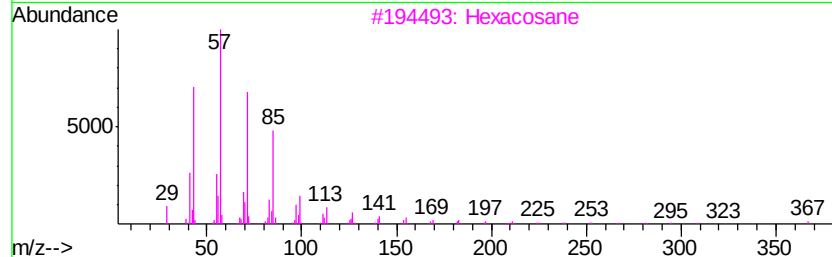
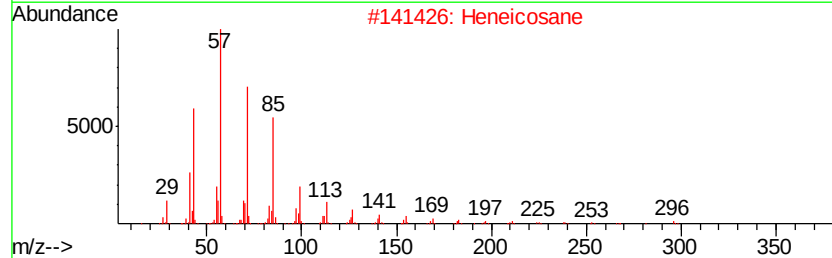
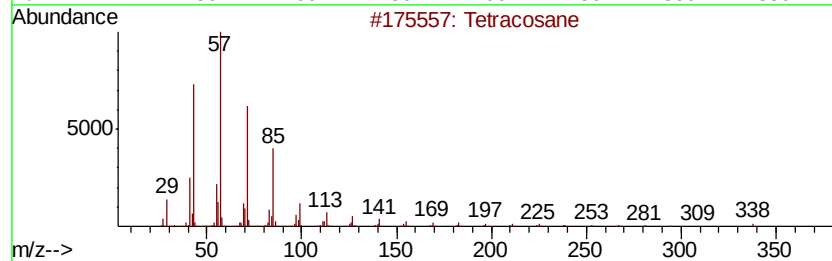
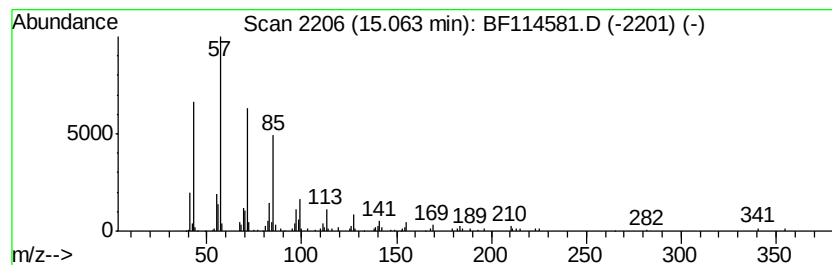
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.80 ng	247741	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114581.D
Acq On : 24 May 2019 20:32
Operator : JU/SJ
Sample : K2994-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

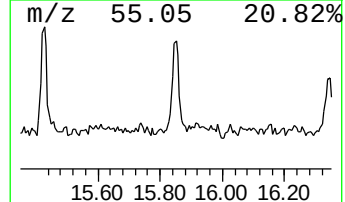
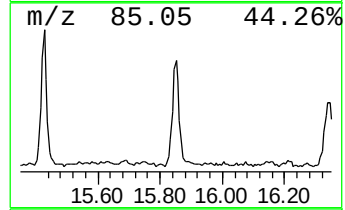
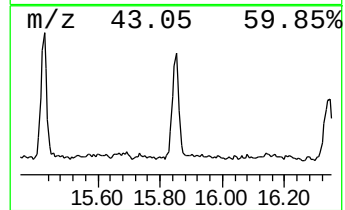
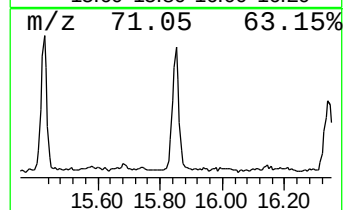
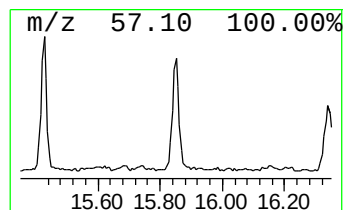
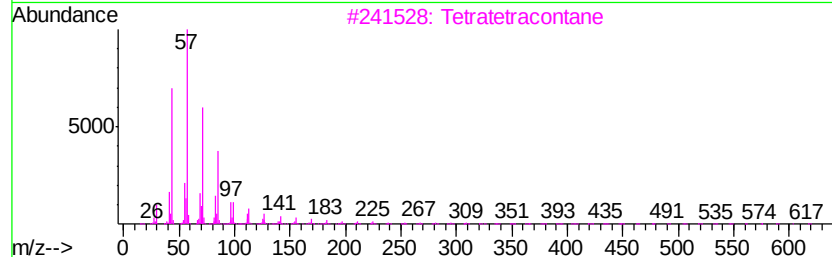
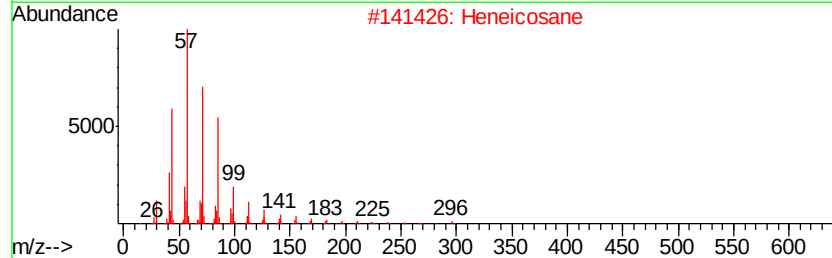
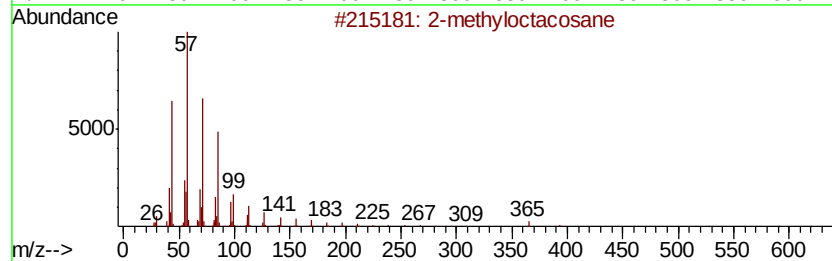
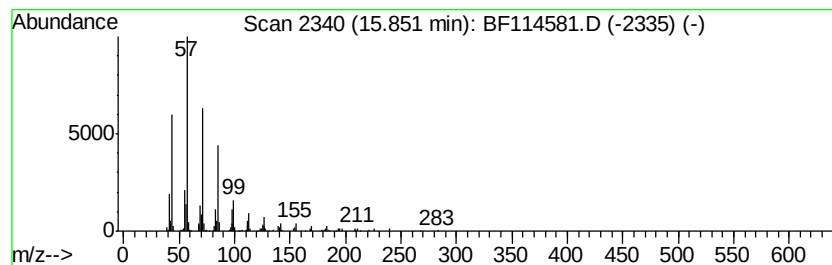
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.31 ng	281256	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114581.D
Acq On : 24 May 2019 20:32
Operator : JU/SJ
Sample : K2994-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

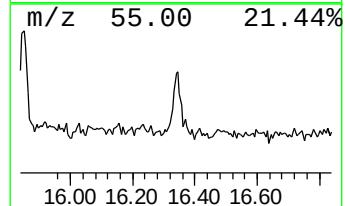
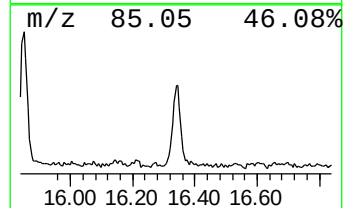
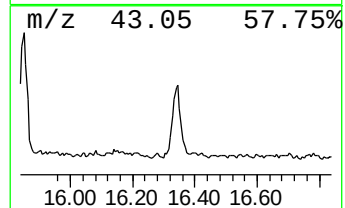
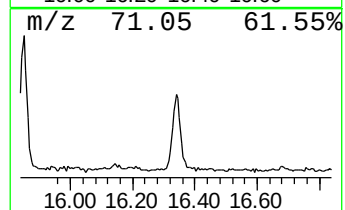
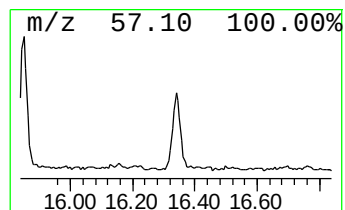
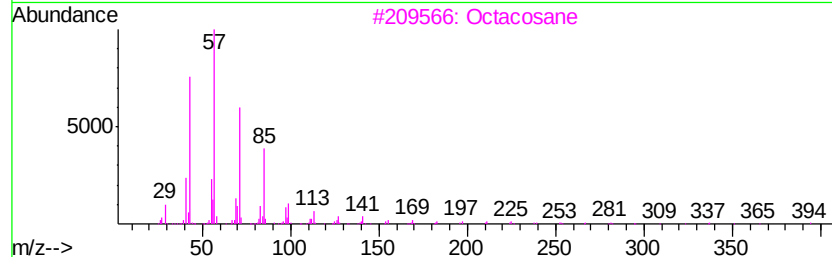
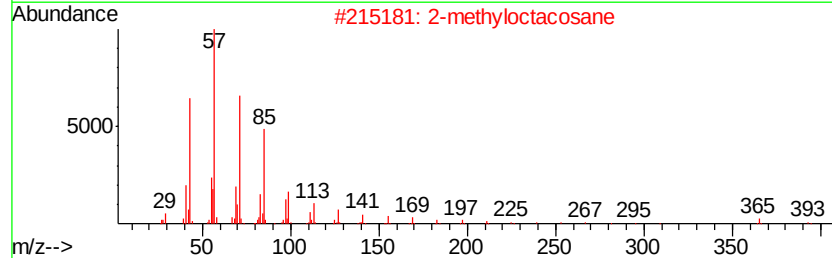
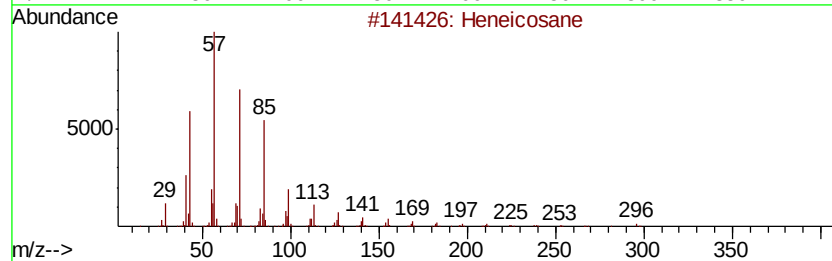
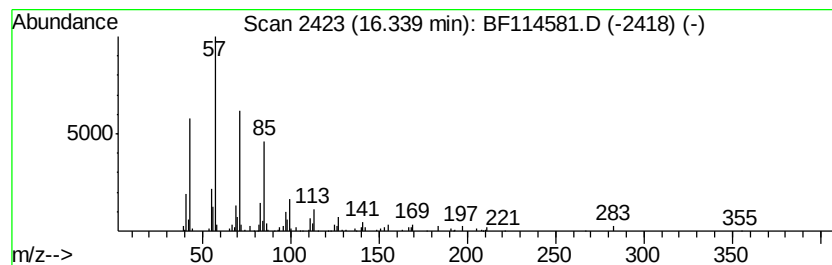
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.97 ng	193570	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
Data File : BF114581.D
Acq On : 24 May 2019 20:32
Operator : JU/SJ
Sample : K2994-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

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	2.9	ng	204620	4	11.33	1399550	20.0
Sulfurous acid, b...	13.81	2.8	ng	168408	5	13.98	1205310	20.0
Eicosane	14.12	2.6	ng	155928	5	13.98	1205310	20.0
Hexacosane	14.43	3.2	ng	190896	5	13.98	1205310	20.0
Octacosane	14.73	3.6	ng	238101	6	15.44	1305360	20.0
Tetracosane	15.06	3.8	ng	247741	6	15.44	1305360	20.0
2-methyloctacosane	15.85	4.3	ng	281256	6	15.44	1305360	20.0
Heneicosane	16.34	3.0	ng	193570	6	15.44	1305360	20.0