

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090619\
 Data File : BF116860.D
 Acq On : 6 Sep 2019 14:27
 Operator : HP/JU
 Sample : K4693-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	442633	483974	18.93%	2.121%
2	5.069	502	507	514	rVB	62256	85153	3.33%	0.373%
3	5.475	570	576	579	rBV	2167921	2133589	83.47%	9.350%
4	6.486	742	748	764	rVB	2172930	2388824	93.45%	10.468%
5	6.622	766	771	774	rBV	2595945	2377448	93.01%	10.418%
6	6.845	806	809	816	rVB	570120	476993	18.66%	2.090%
7	7.004	832	836	839	rBV	2121012	1784504	69.81%	7.820%
8	7.404	896	904	907	rBV	1374713	1452447	56.82%	6.365%
9	7.880	983	985	990	rVB3	21133	28532	1.12%	0.125%
10	8.128	1022	1027	1033	rBV	706403	645273	25.24%	2.828%
11	8.192	1036	1038	1040	rVB	43356	29377	1.15%	0.129%
12	8.422	1072	1077	1084	rBV4	26101	45785	1.79%	0.201%
13	8.510	1089	1092	1096	rBV3	31641	34371	1.34%	0.151%
14	8.722	1124	1128	1131	rBV2	29349	31276	1.22%	0.137%
15	9.204	1205	1210	1213	rBV	2899000	2556198	100.00%	11.202%
16	9.586	1272	1275	1280	rBV	272809	248640	9.73%	1.090%
17	9.880	1321	1325	1330	rBV	827053	698521	27.33%	3.061%
18	10.669	1454	1459	1462	rBV	1740654	1572196	61.51%	6.890%
19	11.363	1573	1577	1585	rBV	814996	683879	26.75%	2.997%
20	11.886	1662	1666	1676	rBV	206389	205661	8.05%	0.901%
21	12.668	1795	1799	1805	rBV2	96565	99960	3.91%	0.438%
22	12.945	1841	1846	1849	rBV	2431729	2351912	92.01%	10.307%
23	13.515	1940	1943	1945	rVB	34966	28621	1.12%	0.125%
24	13.839	1994	1998	2008	rBV2	161476	256158	10.02%	1.123%
25	13.998	2021	2025	2028	rVB	564484	482642	18.88%	2.115%
26	14.157	2049	2052	2056	rVB	81388	70190	2.75%	0.308%
27	14.468	2101	2105	2115	rBV2	154906	231460	9.05%	1.014%
28	14.768	2152	2156	2160	rBV	128776	129655	5.07%	0.568%
29	14.845	2166	2169	2172	rBV3	30288	40745	1.59%	0.179%
30	15.104	2209	2213	2216	rBV	189555	206742	8.09%	0.906%
31	15.456	2268	2273	2283	rBV2	392564	650055	25.43%	2.849%
32	15.674	2308	2310	2316	rVB7	23994	35289	1.38%	0.155%
33	15.909	2345	2350	2355	rBV	103693	155011	6.06%	0.679%
34	16.409	2430	2435	2440	rBV4	49334	84560	3.31%	0.371%

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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 >
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35	16.998	2531	2535	2541	rVB6	19368	33913	1.33%	0.149%
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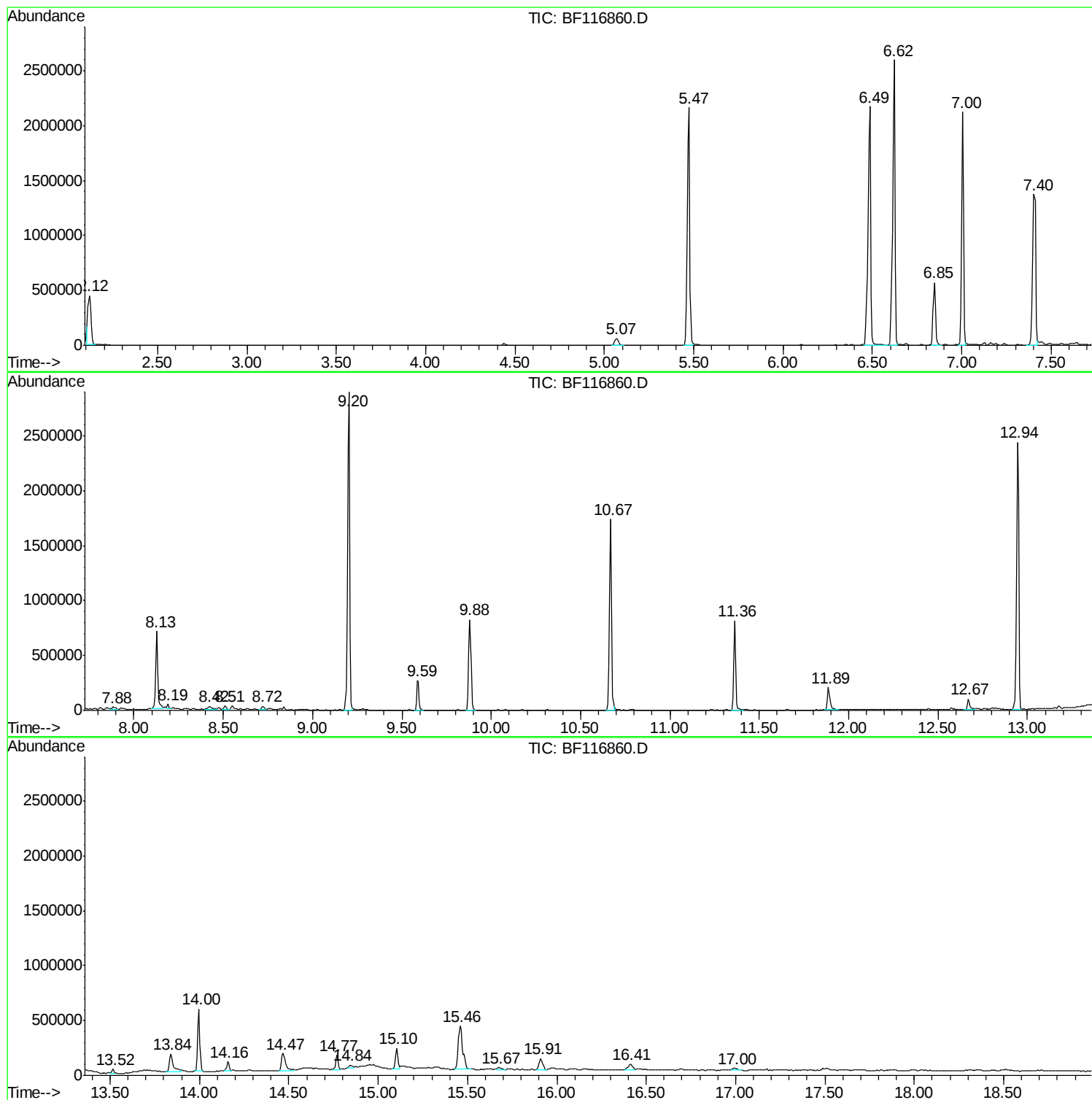
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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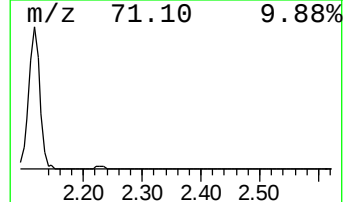
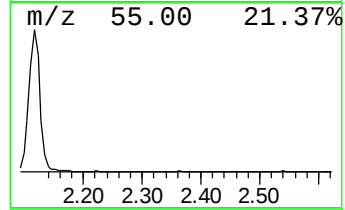
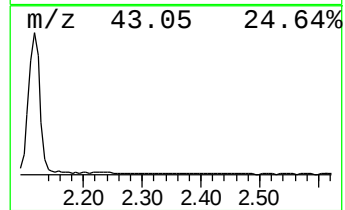
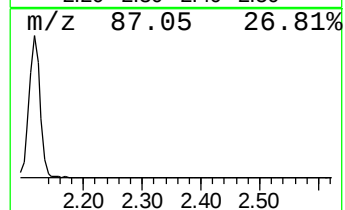
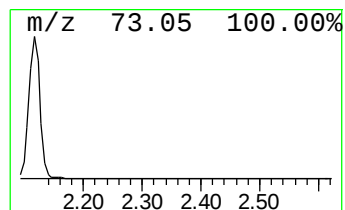
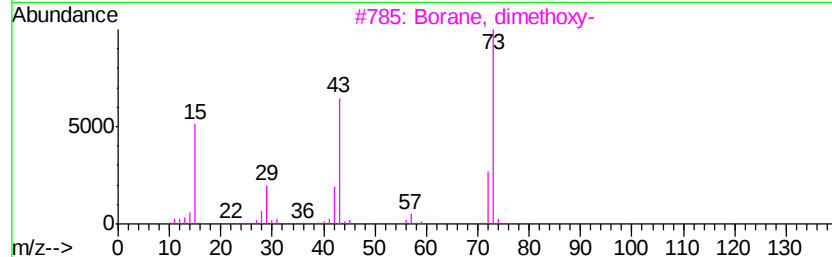
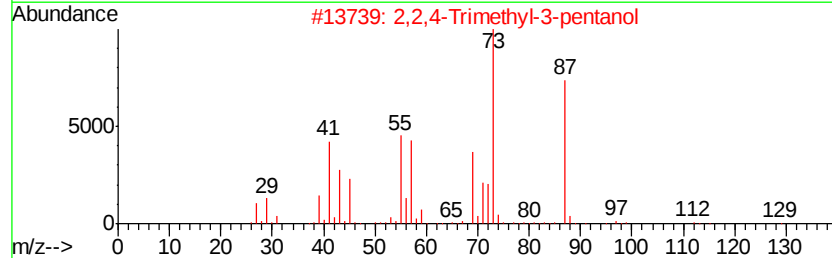
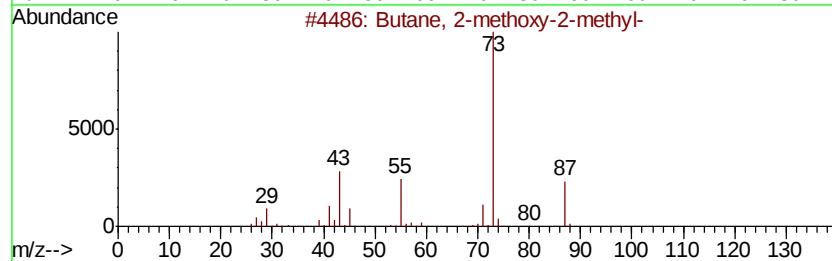
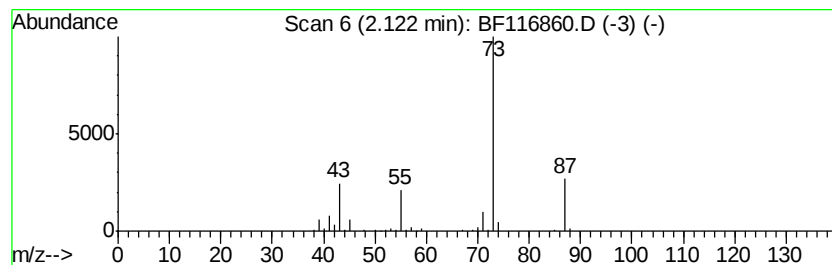
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	20.29 ng	483974	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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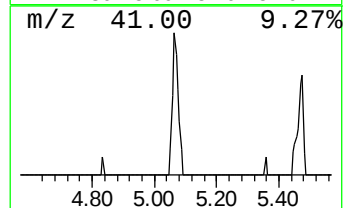
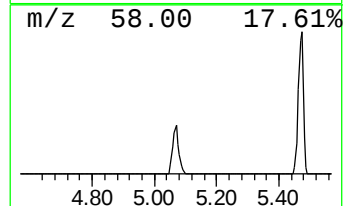
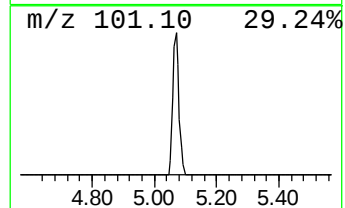
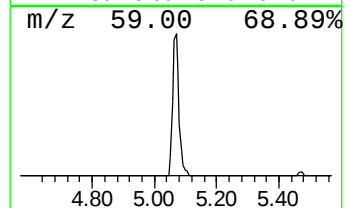
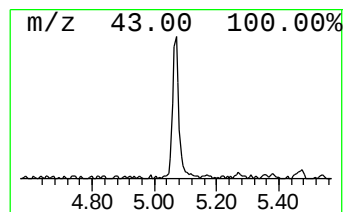
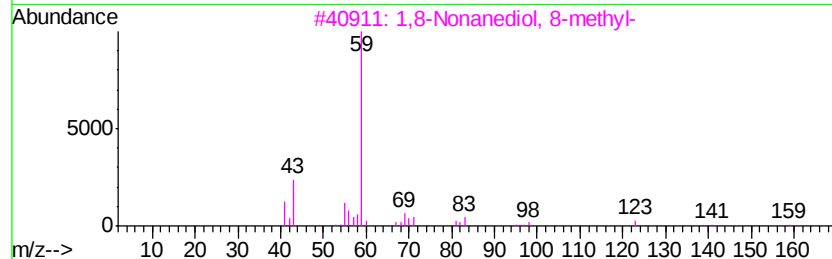
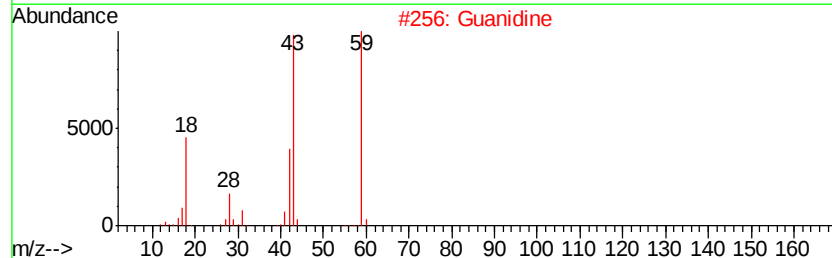
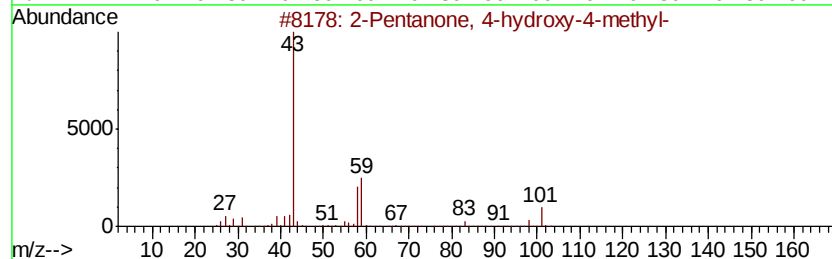
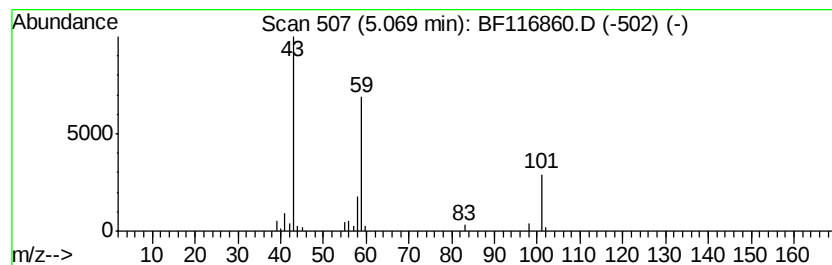
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.57 ng	85153	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Guanidine	59	CH5N3	000113-00-8	43
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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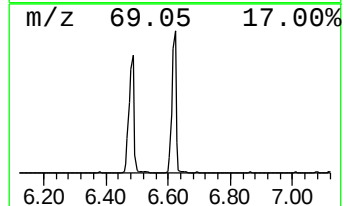
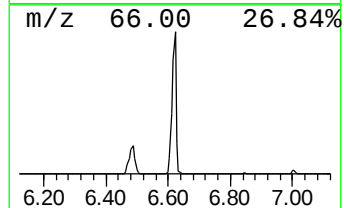
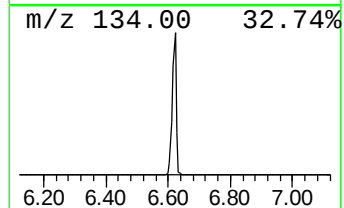
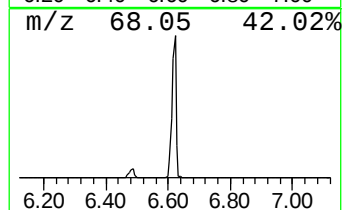
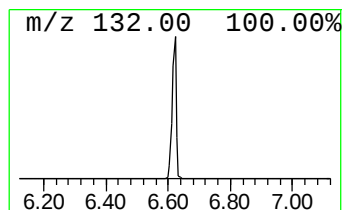
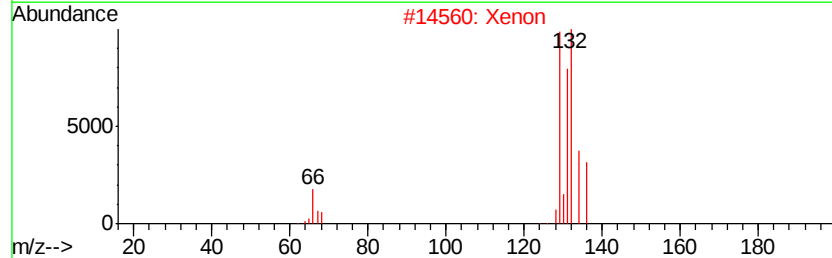
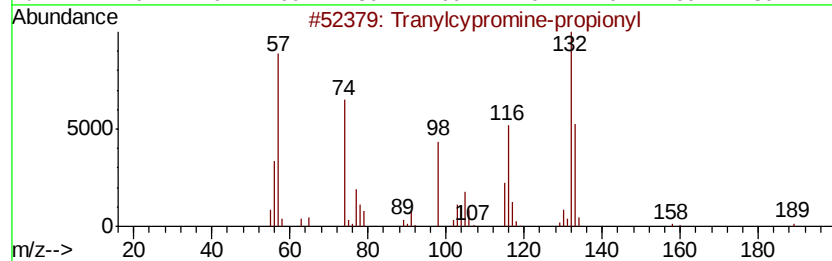
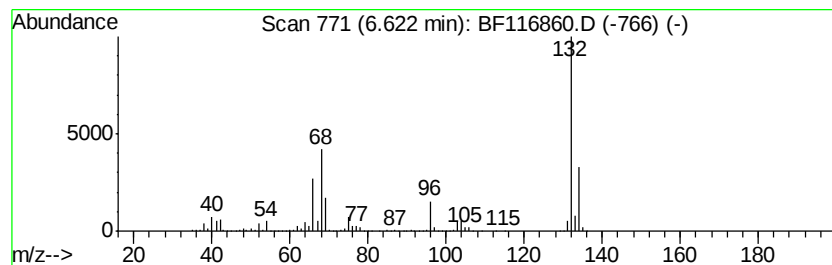
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	99.68 ng	2377450	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		Xenon	132	Xe	007440-63-3	9
3		Bicvclo[4.2.0]octa-1,3,5-triene...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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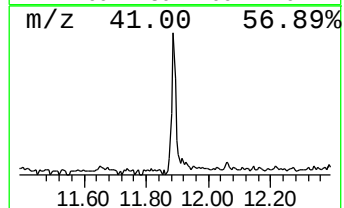
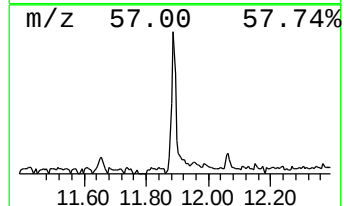
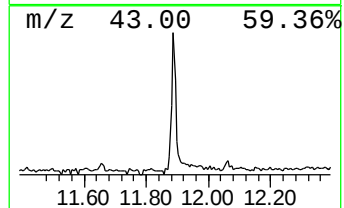
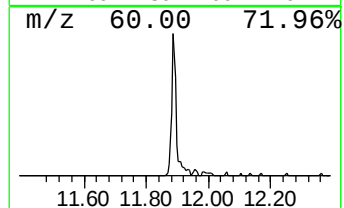
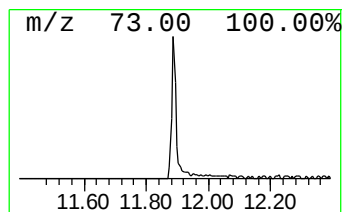
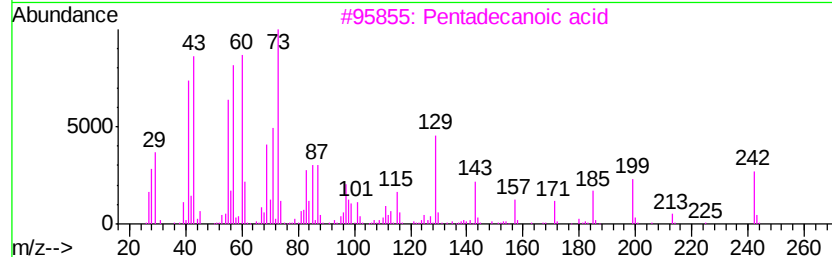
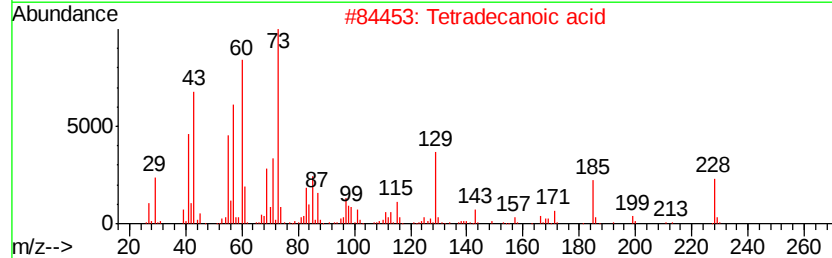
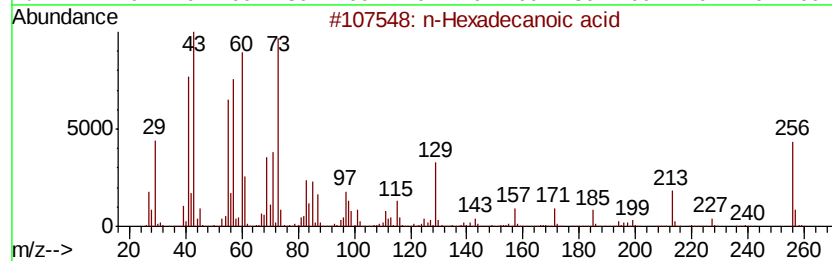
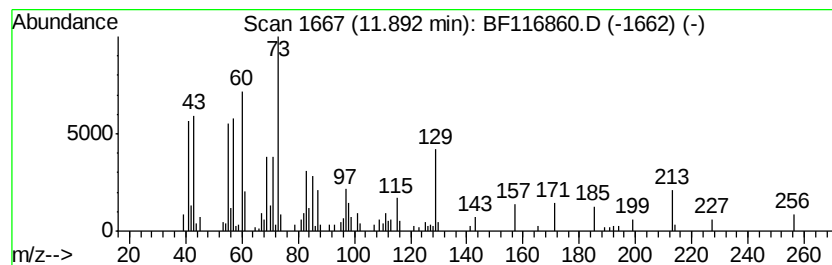
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.01 ng	205661	Phenanthrene-d10	11.36

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	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	30
5		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25



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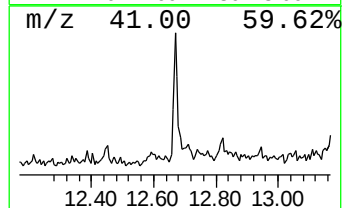
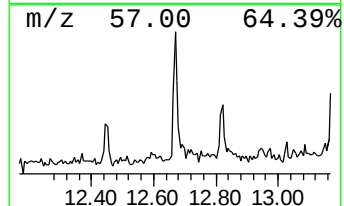
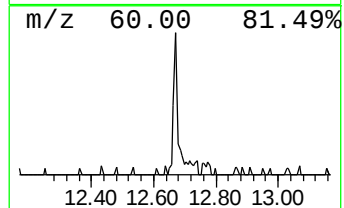
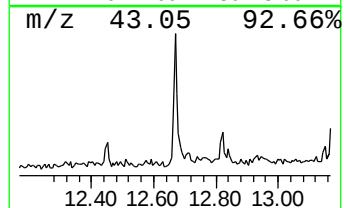
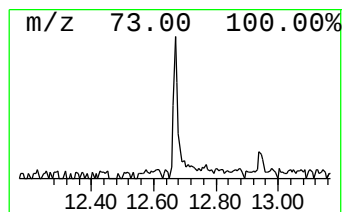
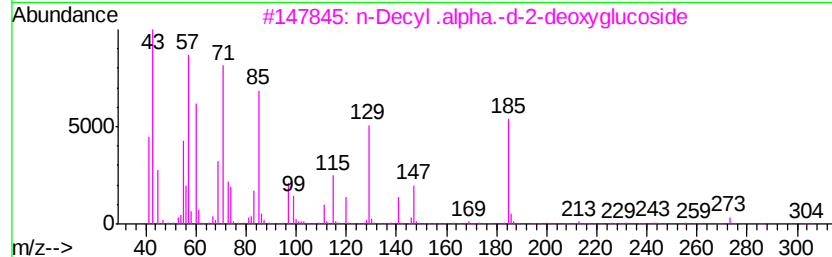
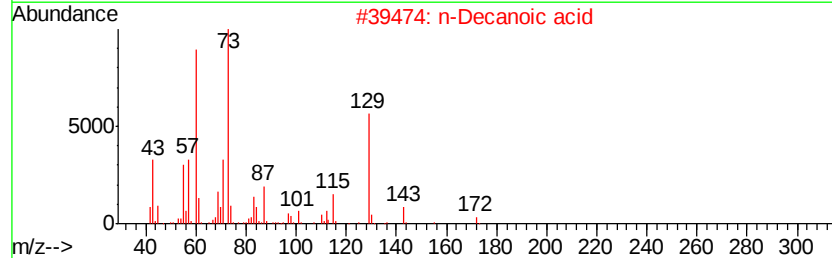
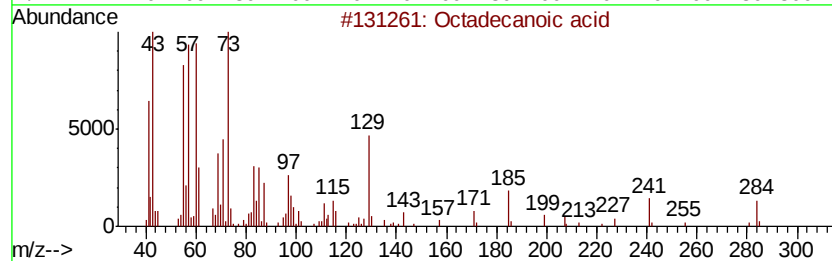
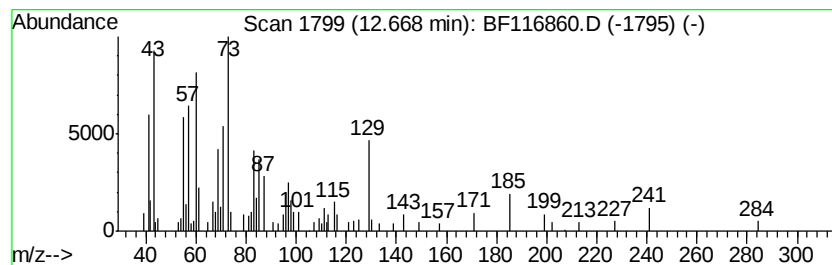
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Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.92 ng	99960	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	83
2		n-Decanoic acid	172	C10H20O2	000334-48-5	43
3		n-Decyl .alpha.-d-2-deoxyglucoside	304	C16H32O5	1000211-42-8	27
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5		Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	18



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Sample : K4693-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-S

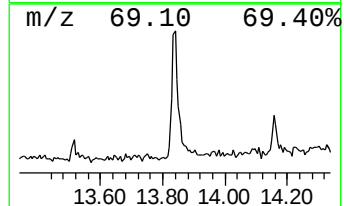
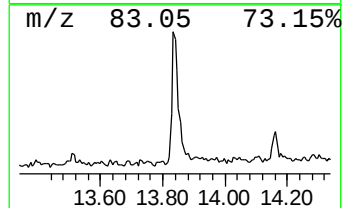
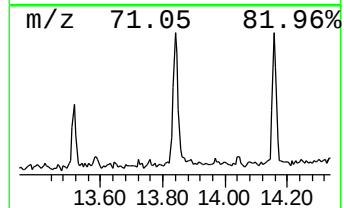
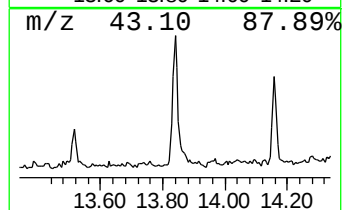
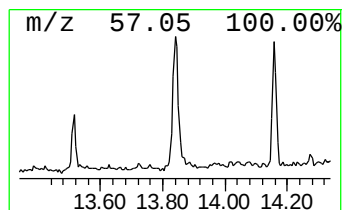
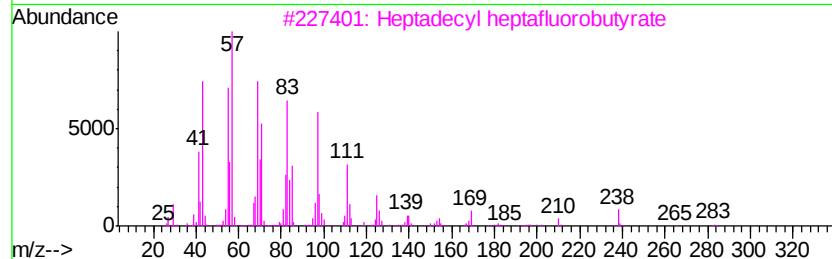
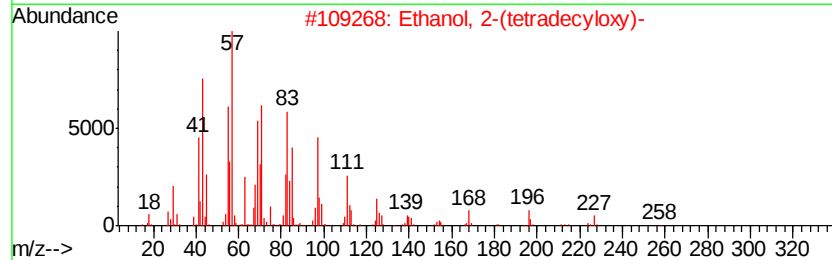
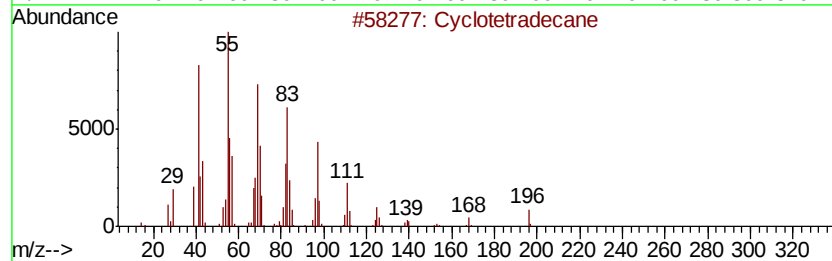
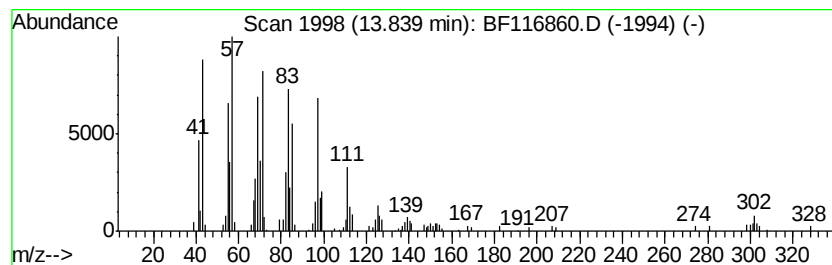
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.61 ng	256158	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	96
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		Heptadecyl heptafluorobutrate	452	C21H35F7O2	959085-66-6	86
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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 Acq On : 6 Sep 2019 14:27
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 Sample : K4693-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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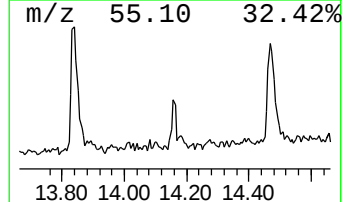
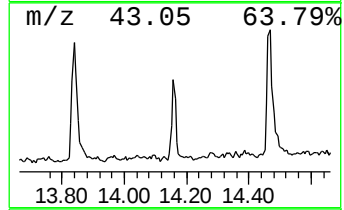
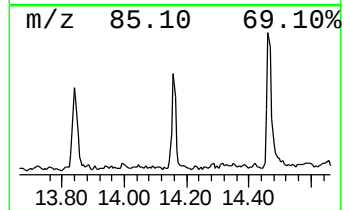
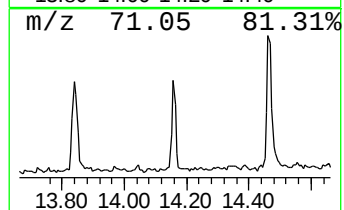
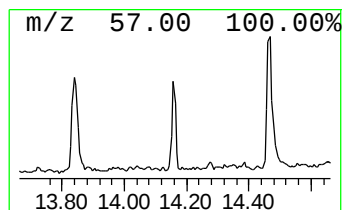
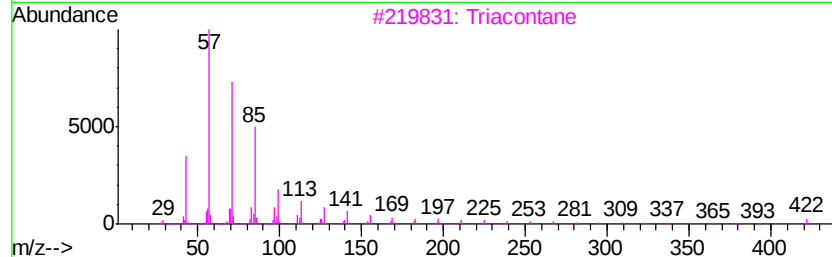
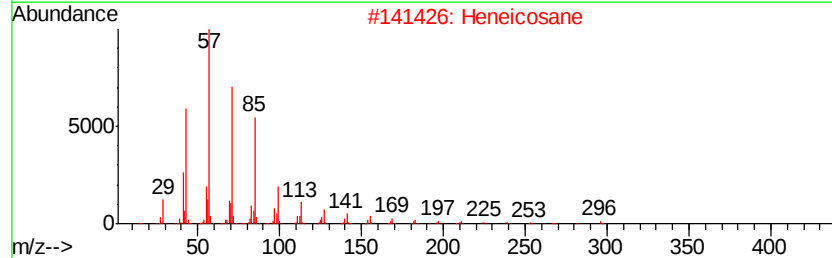
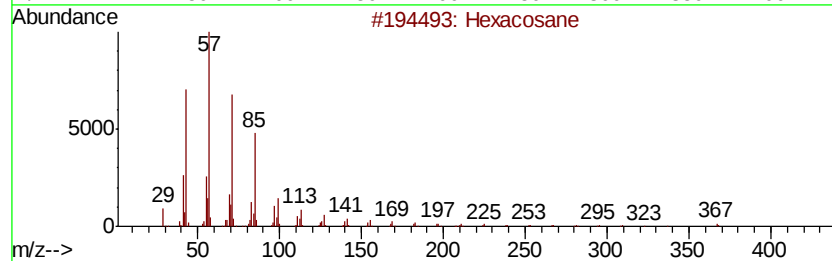
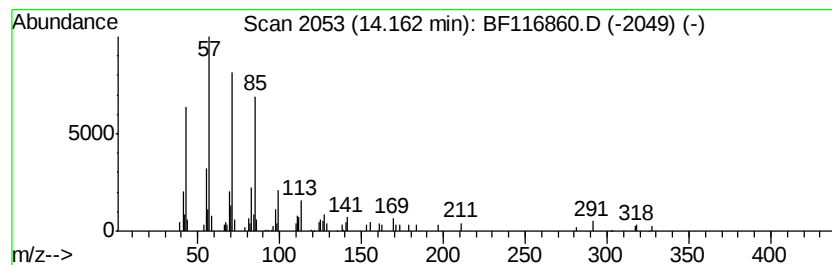
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.91 ng	70190	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Heptadecane		240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116860.D
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Misc :
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Instrument :
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ClientSampleId :
TP-18-S

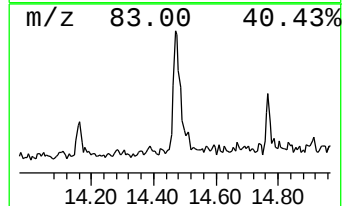
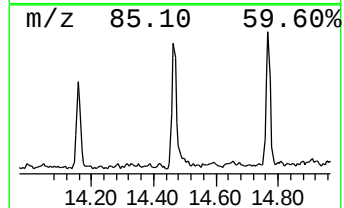
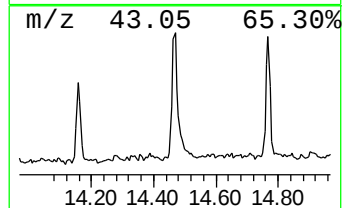
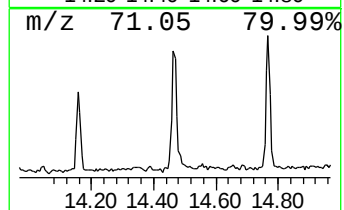
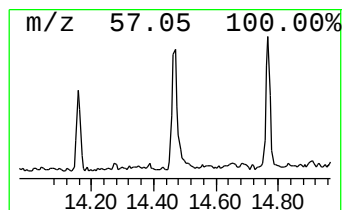
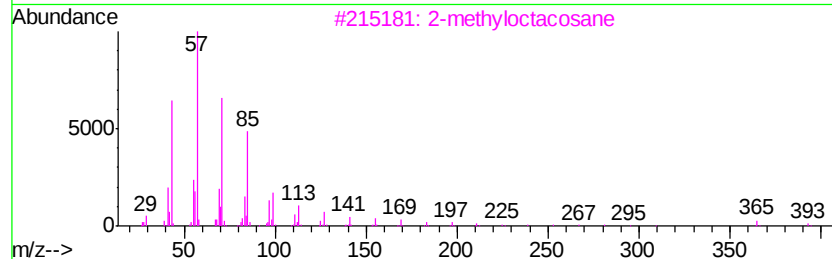
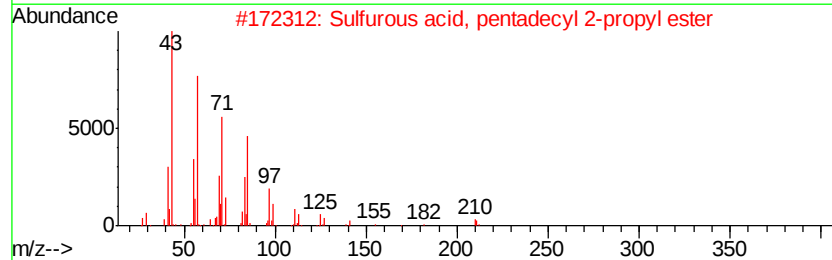
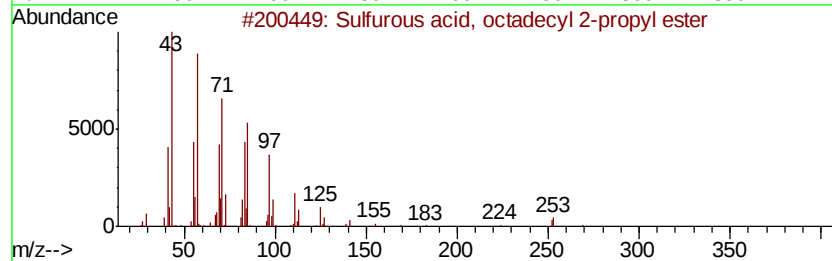
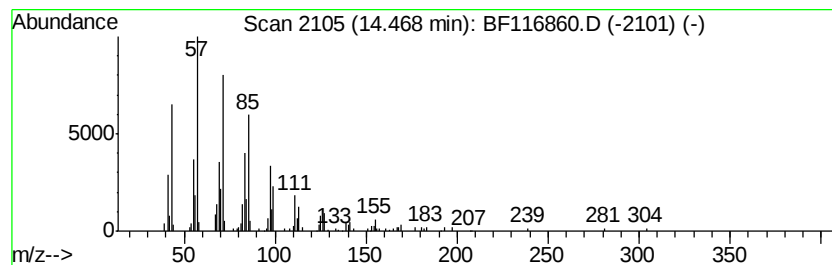
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	9.59 ng	231460	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
3		2-methyloctacosane	408	C29H60	1000376-72-8	64
4		Heptadecane	240	C17H36	000629-78-7	62
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116860.D
Acq On : 6 Sep 2019 14:27
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Sample : K4693-03
Misc :
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Instrument :
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ClientSampleId :
TP-18-S

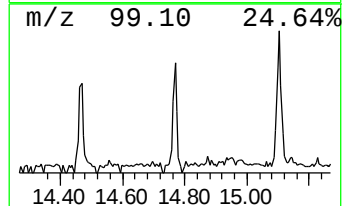
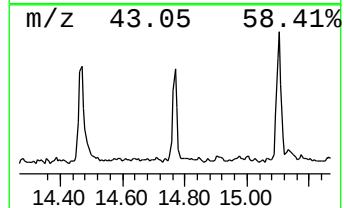
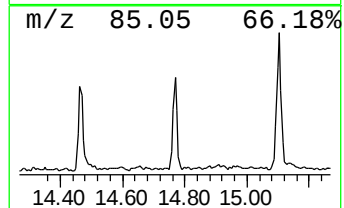
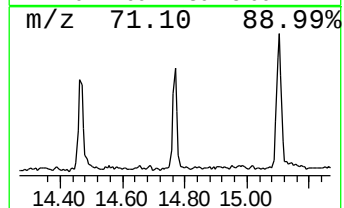
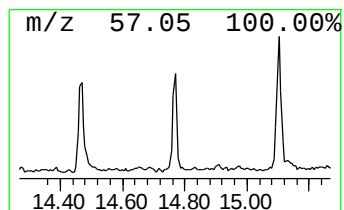
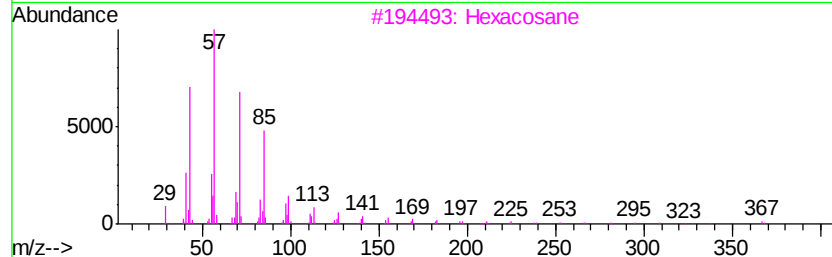
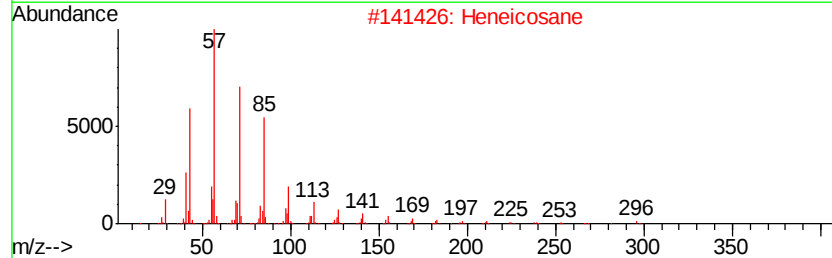
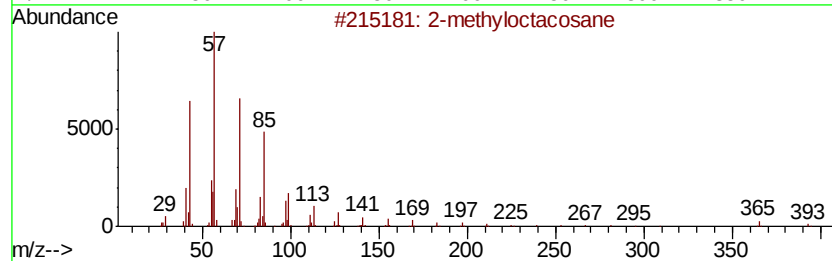
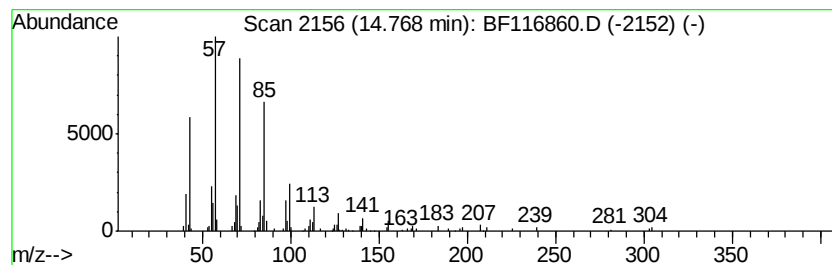
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.99 ng	129655	Perylene-d12	15.46

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		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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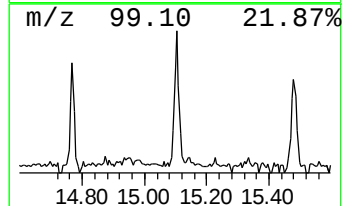
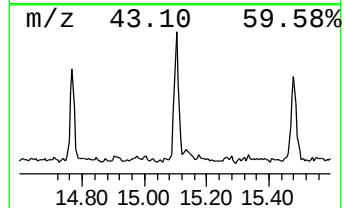
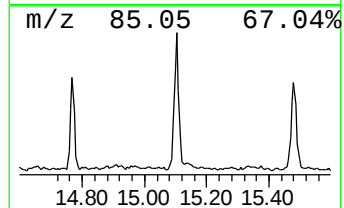
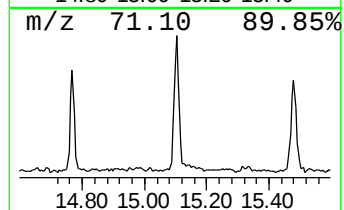
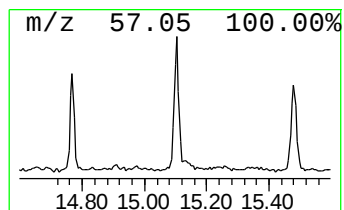
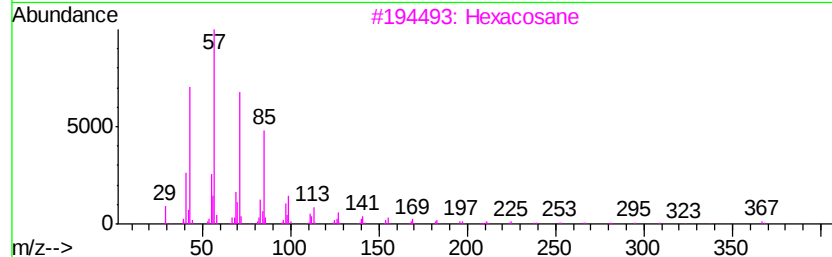
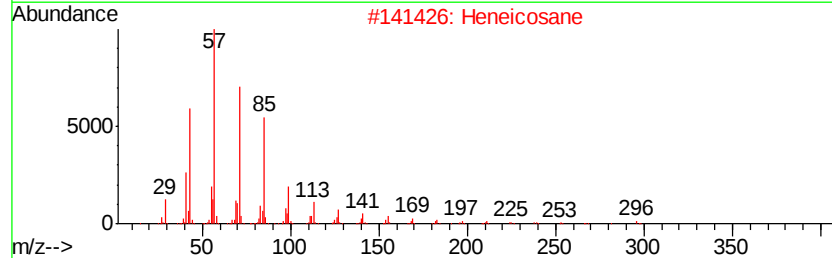
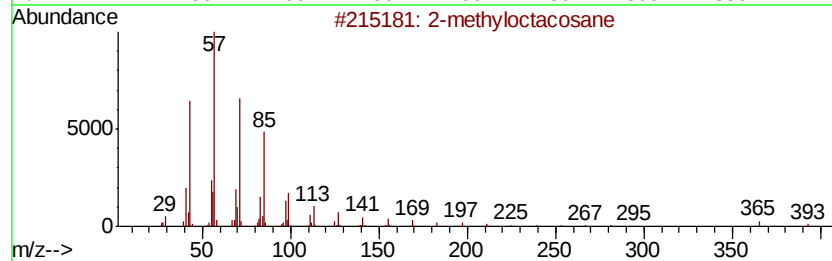
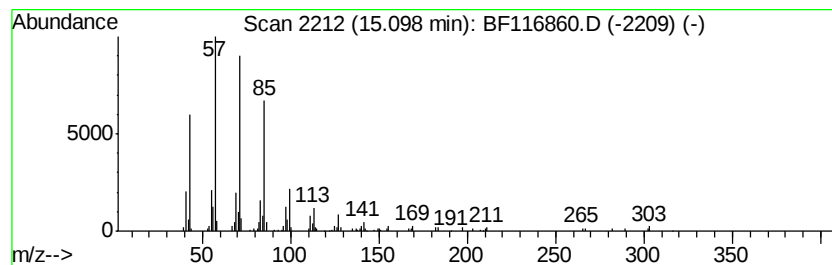
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.36 ng	206742	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	86
5		Docosane	310	C22H46	000629-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116860.D
Acq On : 6 Sep 2019 14:27
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Sample : K4693-03
Misc :
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ClientSampleId :
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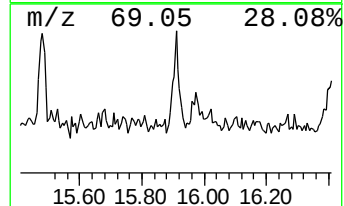
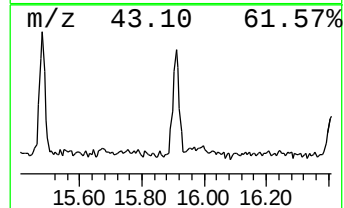
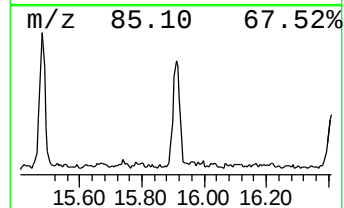
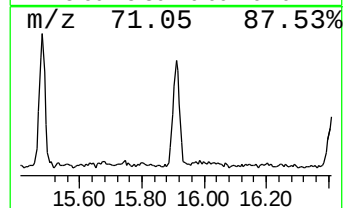
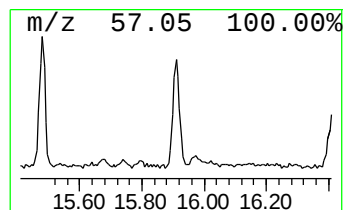
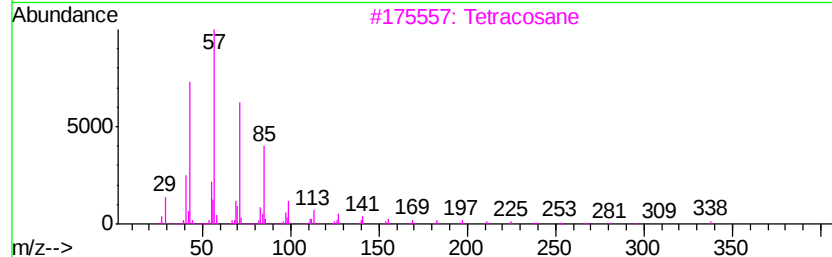
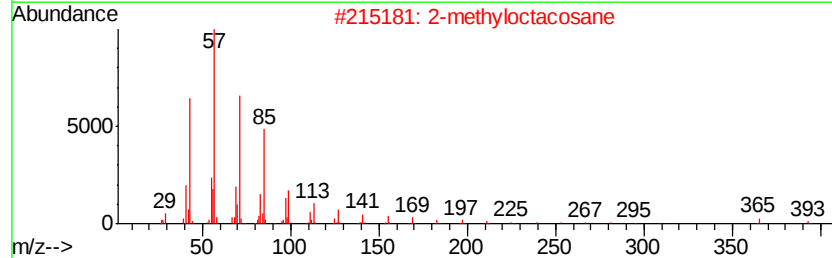
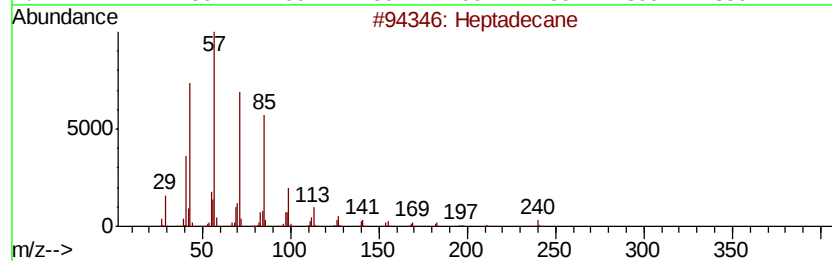
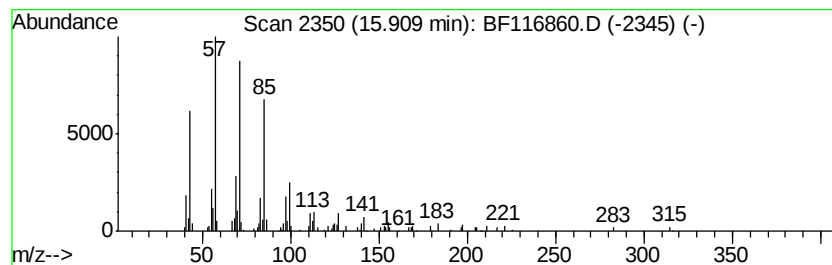
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.77 ng	155011	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		2-methyloctacosane	408	C29H60	1000376-72-8	86
3		Tetracosane	338	C24H50	000646-31-1	80
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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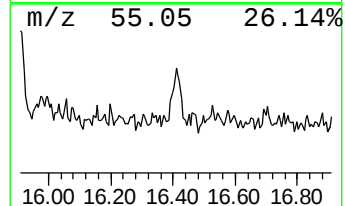
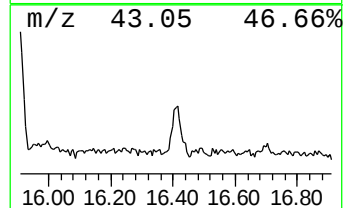
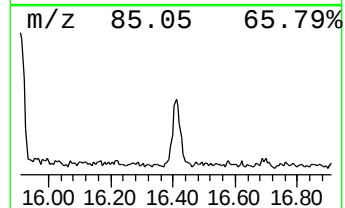
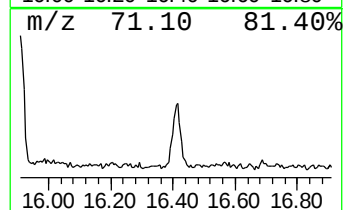
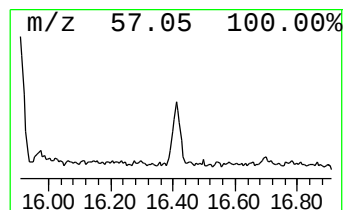
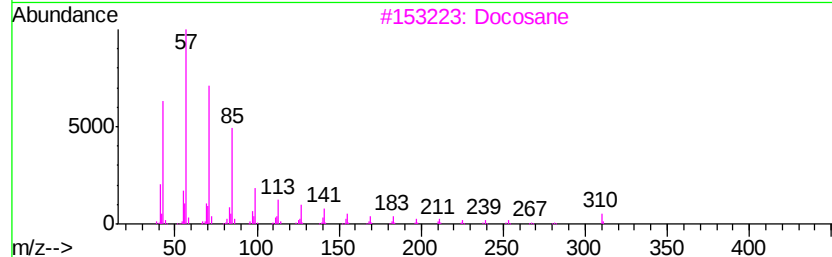
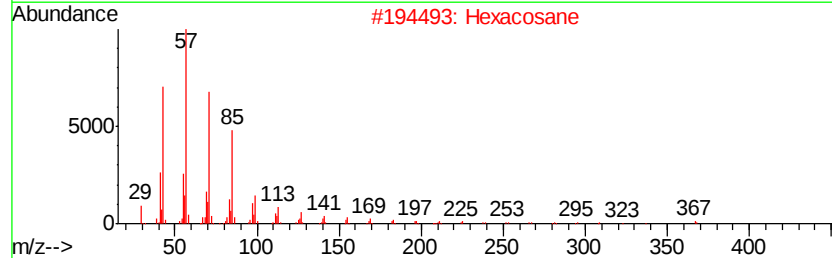
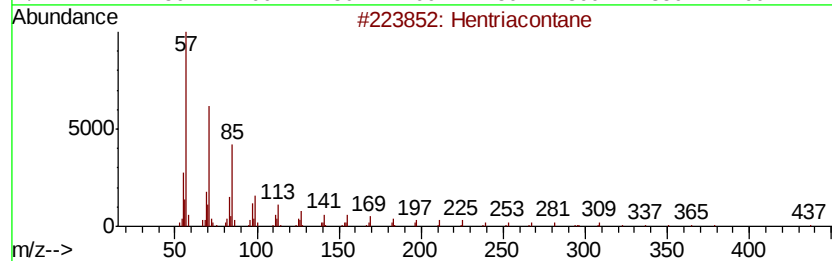
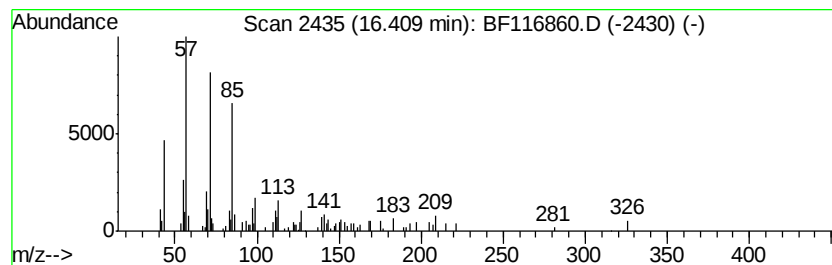
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.60 ng	84560	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Docosane	310	C22H46	000629-97-0	87
4		Nonacosane	408	C29H60	000630-03-5	86
5		Hexatriacontane	507	C36H74	000630-06-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090619\
Data File : BF116860.D
Acq On : 6 Sep 2019 14:27
Operator : HP/JU
Sample : K4693-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-S

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	20.3	ng	483974	1	6.85	476993	20.0
2-Pentanone, 4-hy...	5.07	3.6	ng	85153	1	6.85	476993	20.0
unknown6.62	6.62	99.7	ng	2377450	1	6.85	476993	20.0
n-Hexadecanoic acid	11.89	6.0	ng	205661	4	11.36	683879	20.0
Octadecanoic acid	12.67	2.9	ng	99960	4	11.36	683879	20.0
Cyclotetradecane	13.84	10.6	ng	256158	5	14.00	482642	20.0
Hexacosane	14.16	2.9	ng	70190	5	14.00	482642	20.0
Sulfurous acid, o...	14.47	9.6	ng	231460	5	14.00	482642	20.0
2-methyloctacosane	14.77	4.0	ng	129655	6	15.46	650055	20.0
Heneicosane	15.10	6.4	ng	206742	6	15.46	650055	20.0
Heptadecane	15.91	4.8	ng	155011	6	15.46	650055	20.0
Hentriacontane	16.41	2.6	ng	84560	6	15.46	650055	20.0