

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001176.D
 Acq On : 04 Dec 2019 01:36
 Operator : JU
 Sample : K6012-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 211

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_P\METHODS\8270-BP112719.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	2.352	41	45	55	rBV	42926	68332	1.31%	0.162%
2	5.640	596	604	622	rVB	531663	912544	17.44%	2.162%
3	6.228	697	704	708	rBV	3094292	4263907	81.51%	10.103%
4	7.769	958	966	969	rBV	3281917	4614985	88.22%	10.935%
5	7.952	990	997	1002	rBV	3351679	4407085	84.24%	10.442%
6	8.310	1053	1058	1064	rBV	652569	737391	14.10%	1.747%
7	8.558	1093	1100	1104	rBV	2754518	3355776	64.15%	7.951%
8	9.199	1201	1209	1212	rBV	2212915	2876980	55.00%	6.817%
9	10.346	1398	1404	1410	rVB	764810	895211	17.11%	2.121%
10	12.128	1700	1707	1711	rBV	3953177	4978070	95.16%	11.795%
11	12.793	1814	1820	1827	rBV	350463	403373	7.71%	0.956%
12	13.210	1884	1891	1897	rBV	852230	1047879	20.03%	2.483%
13	14.504	2103	2111	2131	rBV	2723614	3435522	65.67%	8.140%
14	15.604	2293	2298	2303	rBV	959675	1090886	20.85%	2.585%
15	16.492	2444	2449	2463	rBV	180301	251283	4.80%	0.595%
16	17.581	2630	2634	2640	rBV2	55692	72051	1.38%	0.171%
17	17.739	2657	2661	2667	rVB	67163	74536	1.42%	0.177%
18	17.892	2681	2687	2691	rBV	4479849	5231337	100.00%	12.395%
19	19.122	2891	2896	2910	rBV2	181133	377794	7.22%	0.895%
20	19.245	2912	2917	2922	rBV	885721	1011088	19.33%	2.396%
21	19.539	2963	2967	2975	rBV	81852	96822	1.85%	0.229%
22	19.933	3029	3034	3039	rBV	127788	149661	2.86%	0.355%
23	20.310	3094	3098	3104	rVB	147953	162173	3.10%	0.384%
24	20.704	3160	3165	3171	rBV	152372	197358	3.77%	0.468%
25	21.022	3213	3219	3227	rVB	724176	967374	18.49%	2.292%
26	21.145	3235	3240	3248	rVB	127668	185063	3.54%	0.438%
27	21.645	3319	3325	3330	rBV	97015	161920	3.10%	0.384%
28	22.216	3416	3422	3431	rBV2	53941	109108	2.09%	0.259%
29	22.892	3531	3537	3546	rBV4	25816	68488	1.31%	0.162%

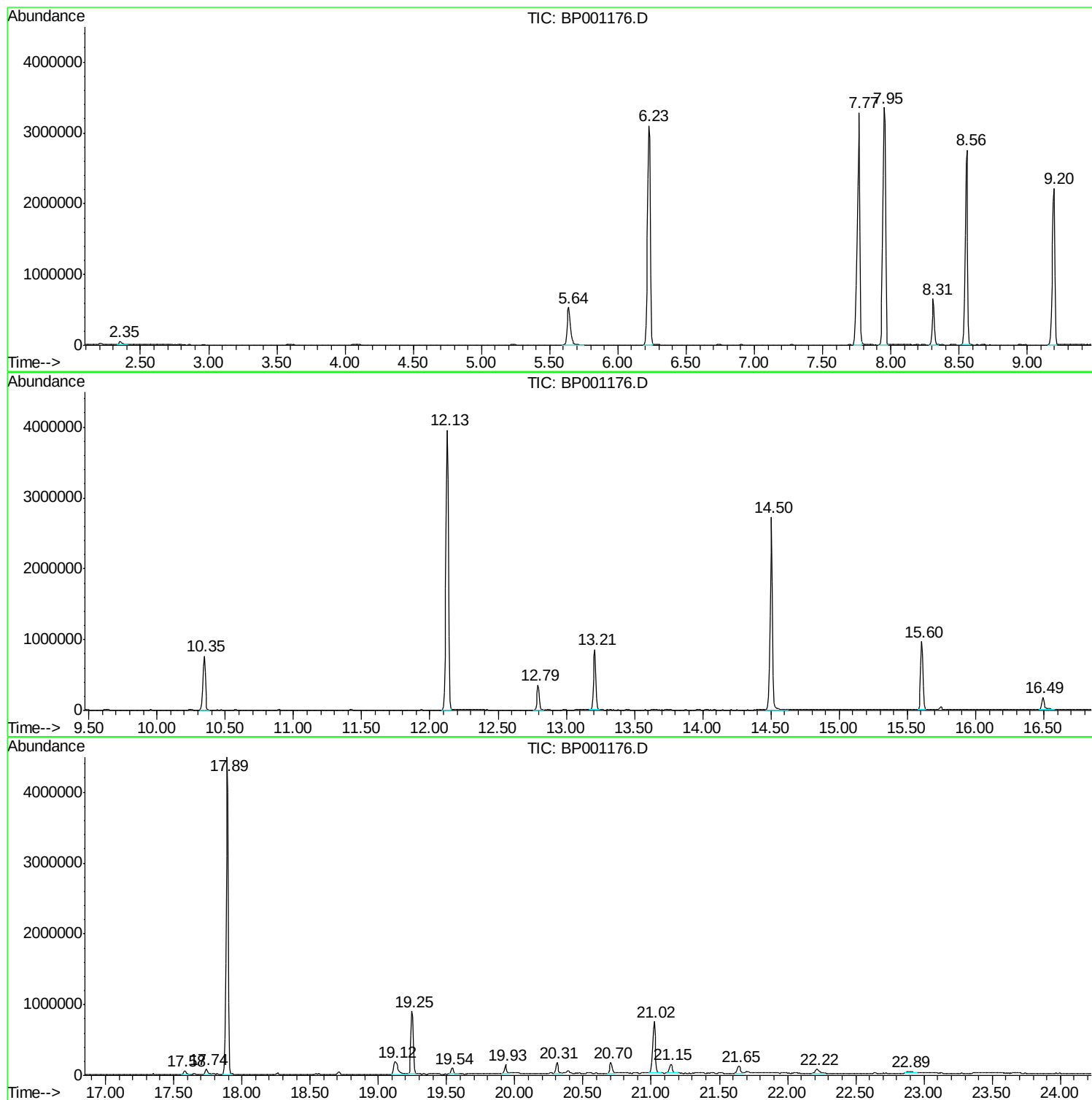
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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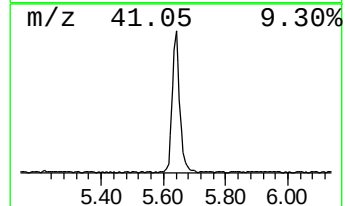
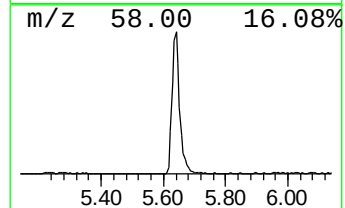
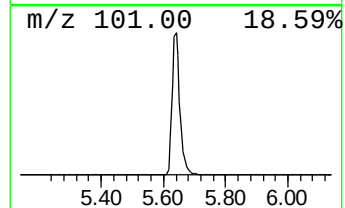
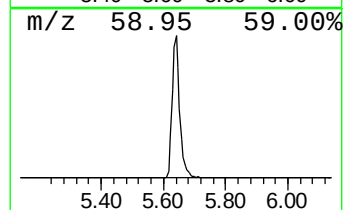
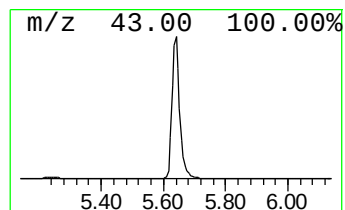
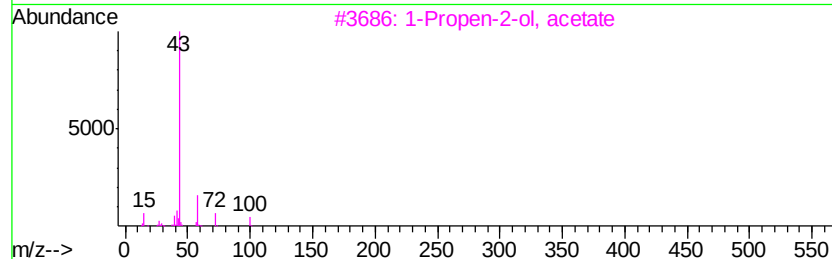
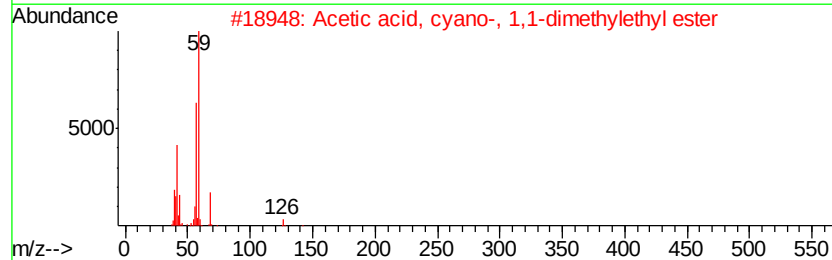
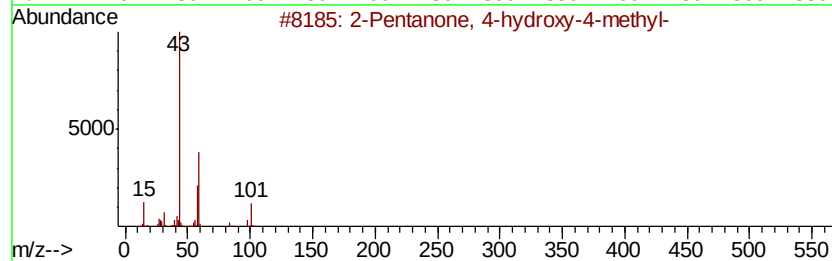
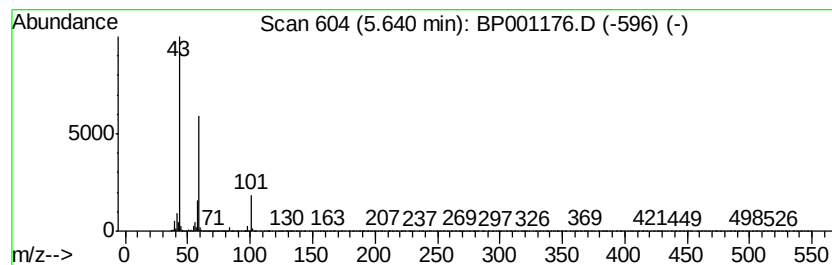
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	24.75 ng	912544	1,4-Dichlorobenzene-d4	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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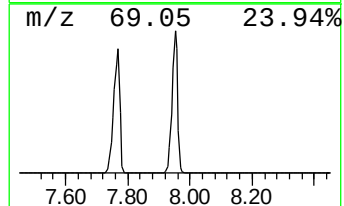
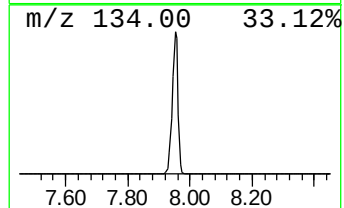
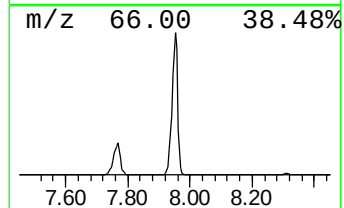
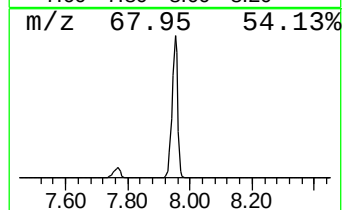
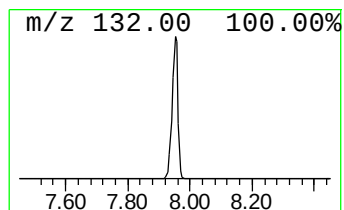
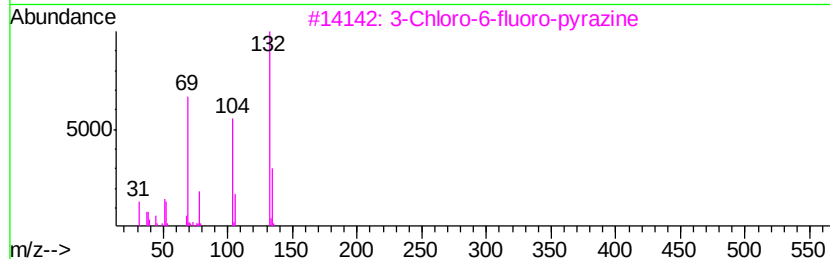
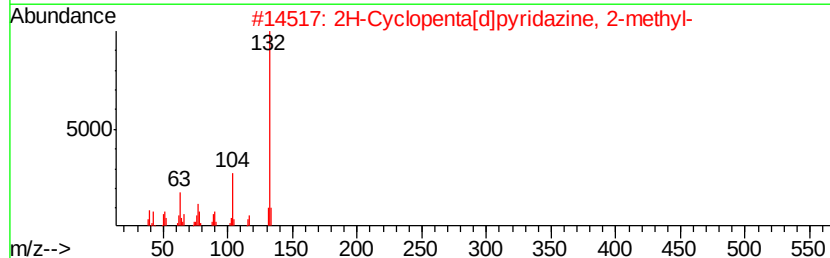
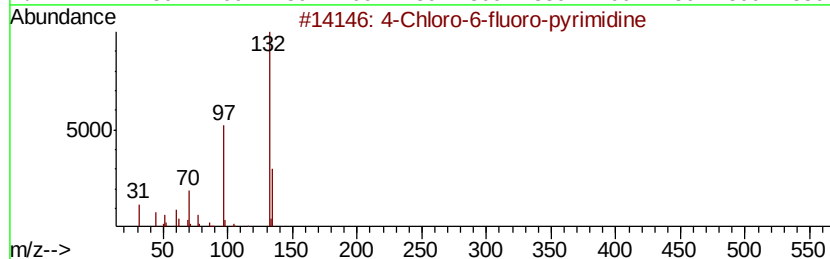
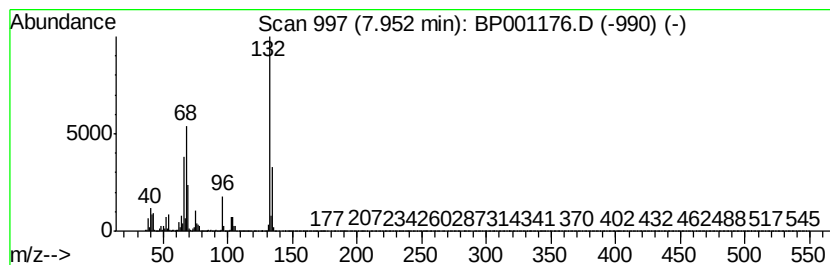
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	119.53 ng	4407090	1,4-Dichlorobenzene-d4	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



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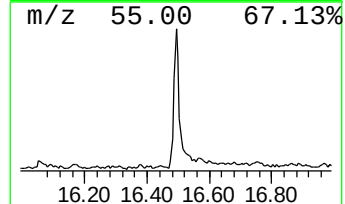
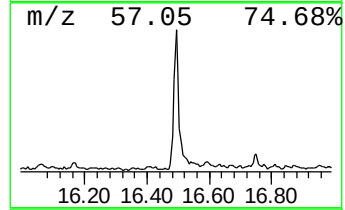
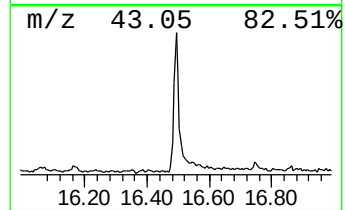
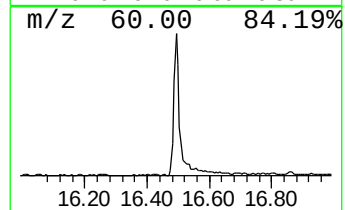
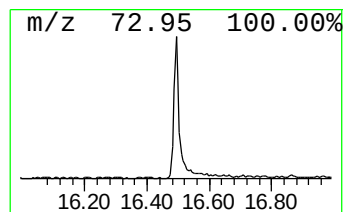
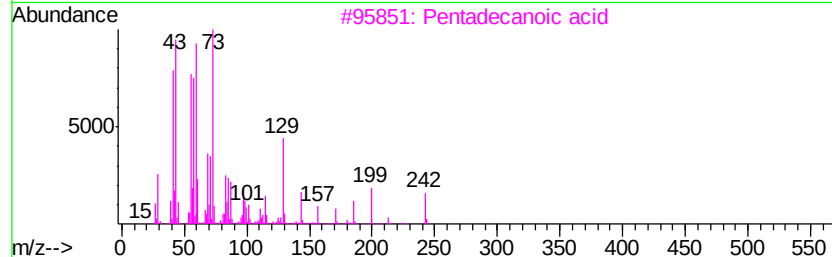
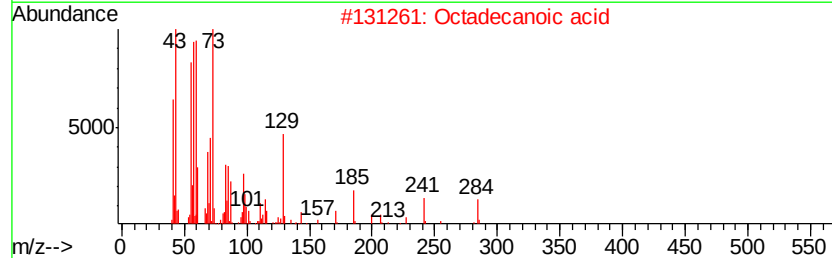
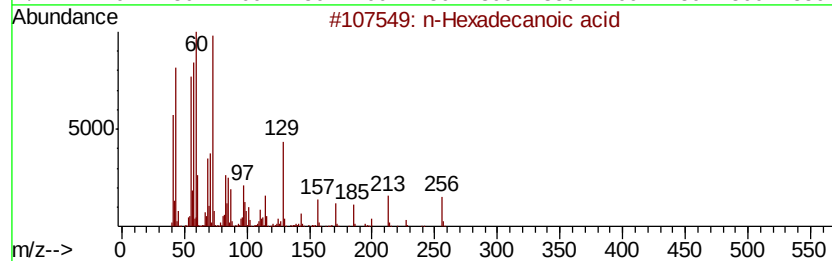
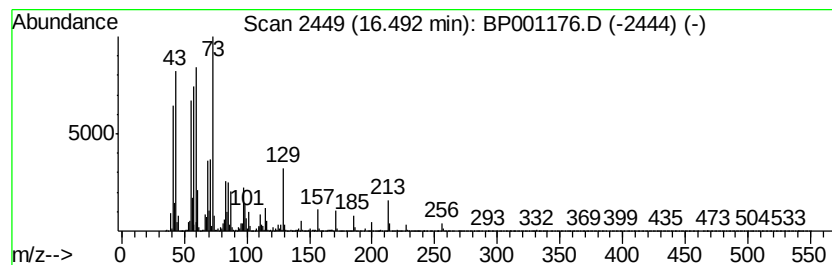
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.49	4.61 ng	251283	Phenanthrene-d10		15.60
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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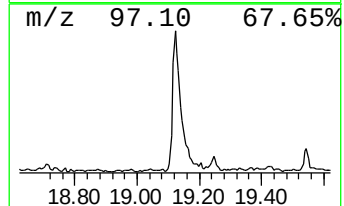
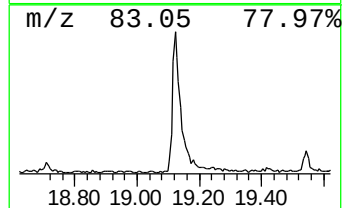
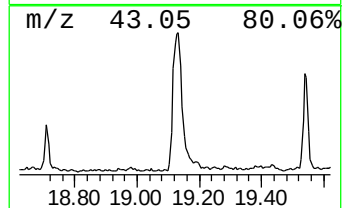
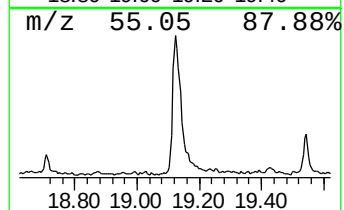
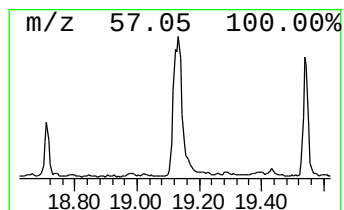
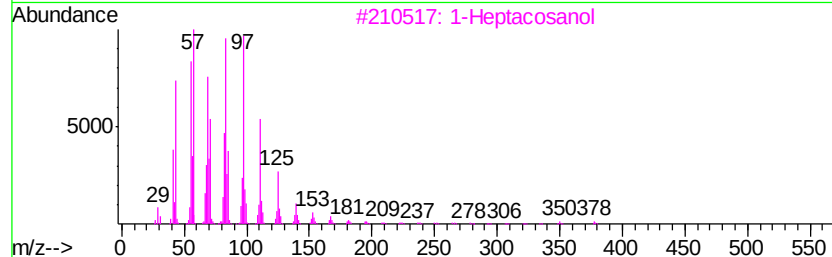
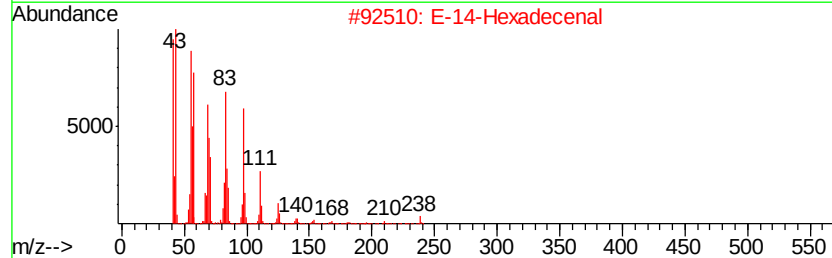
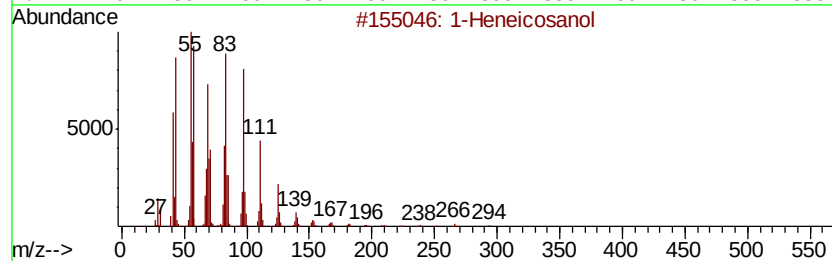
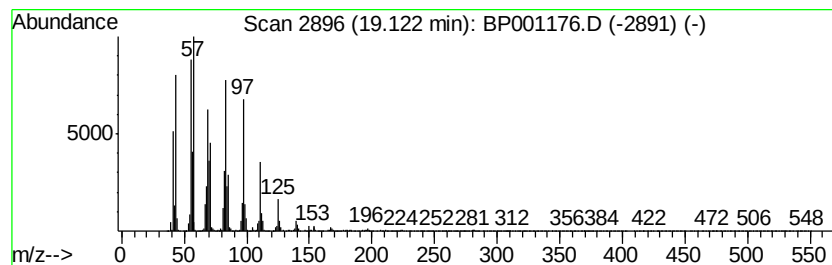
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Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.12	7.47 ng	377794	Chrysene-d12		19.25		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	93
2			E-14-Hexadecenal	238	C16H30O	330207-53-9	93
3			1-Heptacosanol	396	C27H56O	002004-39-9	91
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



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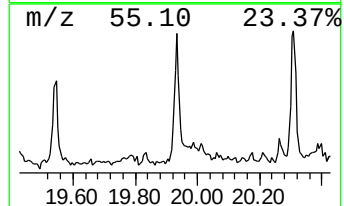
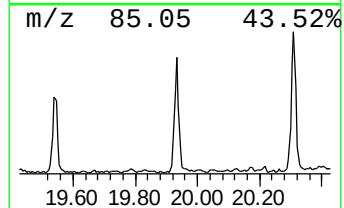
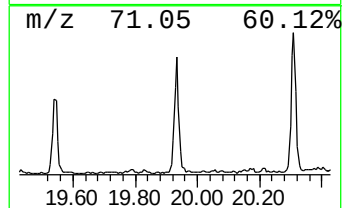
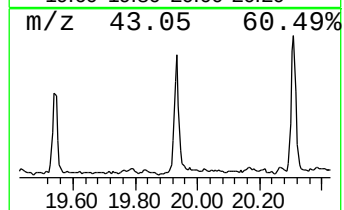
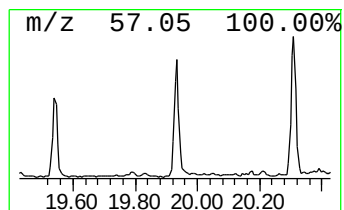
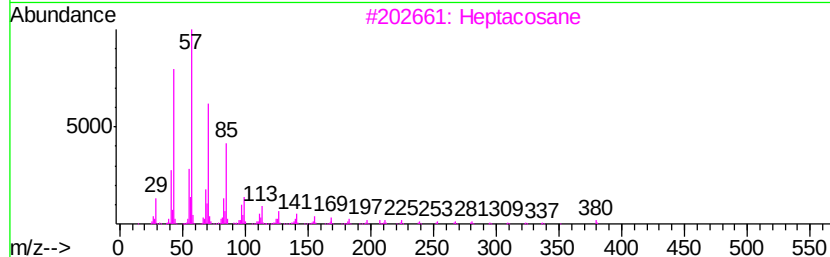
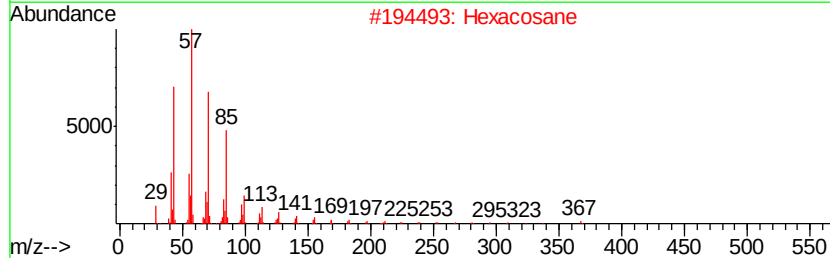
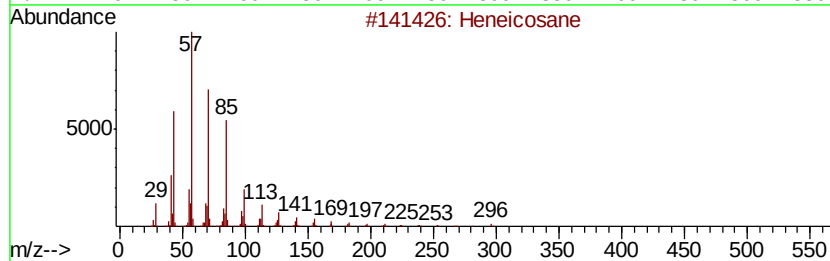
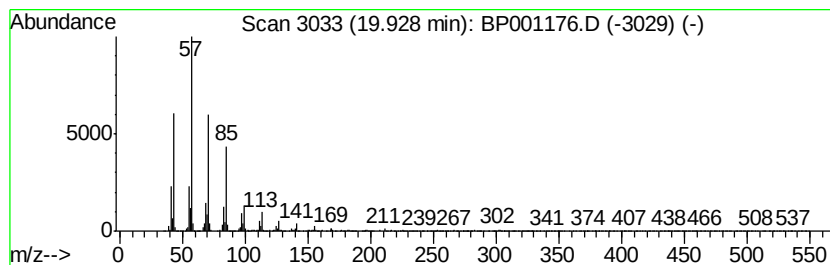
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Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.96 ng	149661	Chrysene-d12	19.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heptacosane		380	C27H56	000593-49-7	90
4	Octadecane		254	C18H38	000593-45-3	87
5	Nonadecane		268	C19H40	000629-92-5	86



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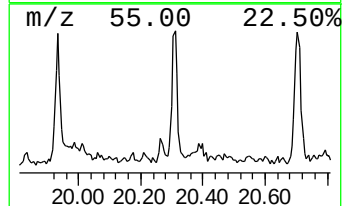
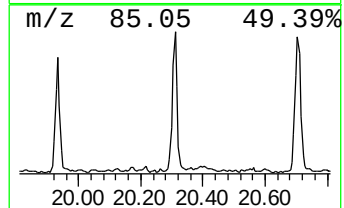
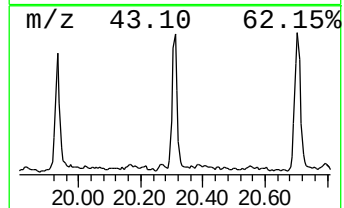
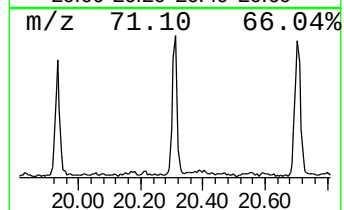
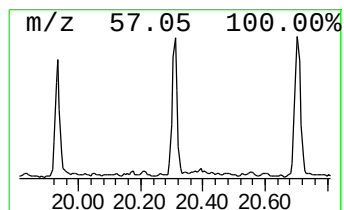
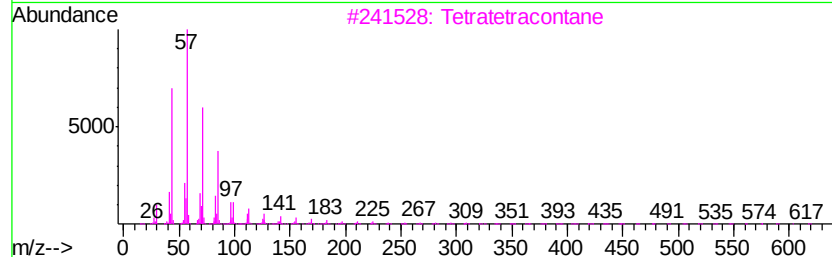
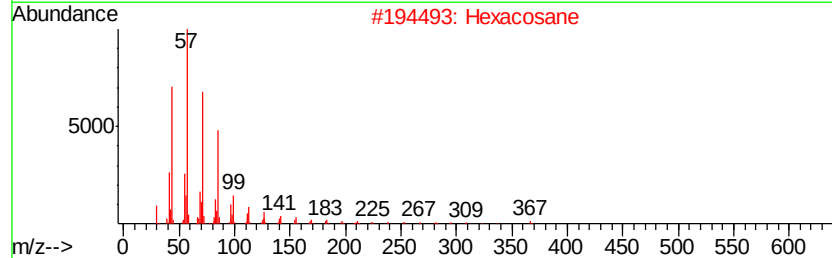
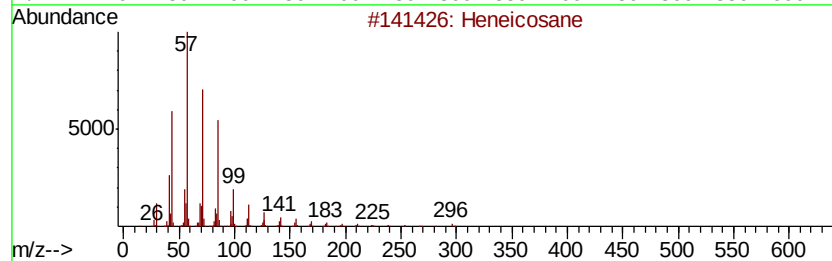
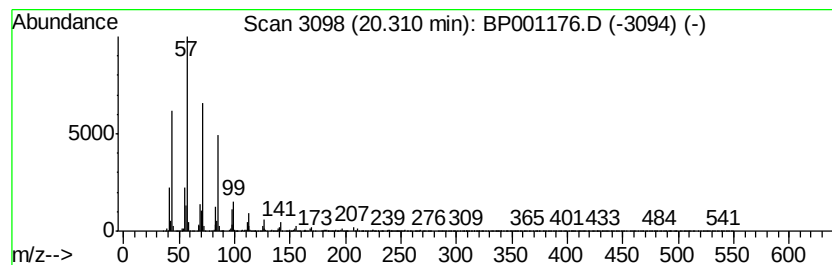
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	3.35 ng	162173	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001176.D
Acq On : 04 Dec 2019 01:36
Operator : JU
Sample : K6012-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
211

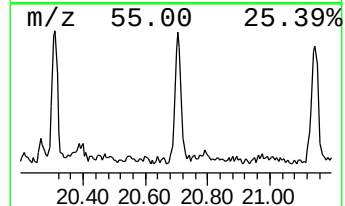
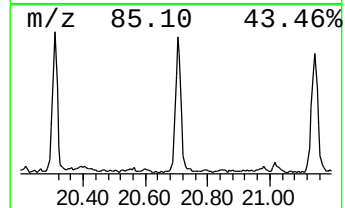
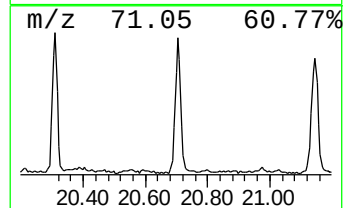
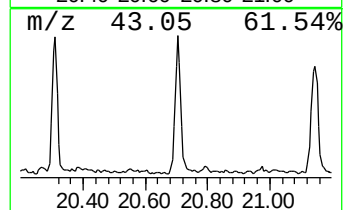
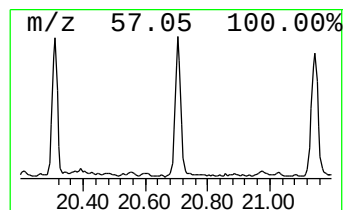
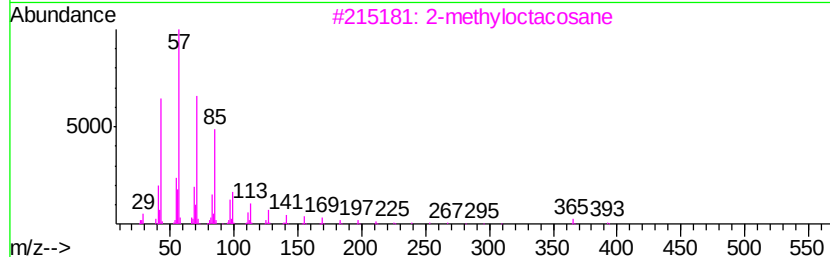
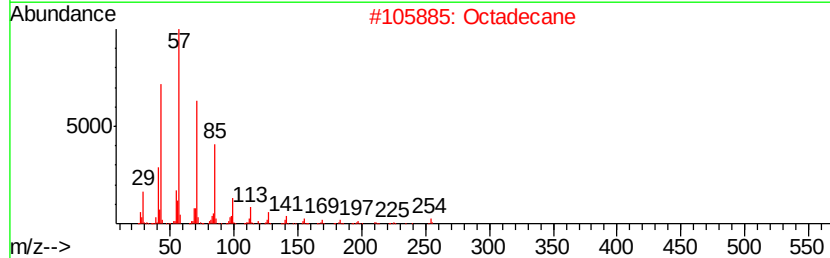
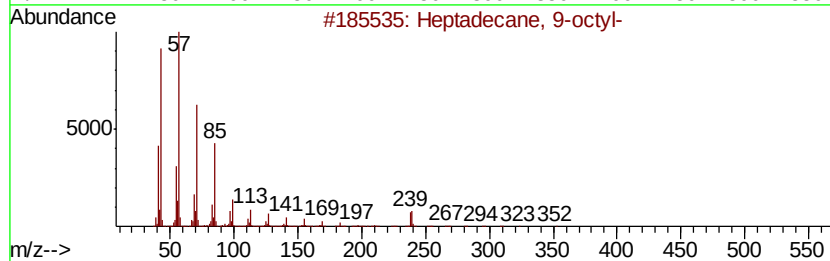
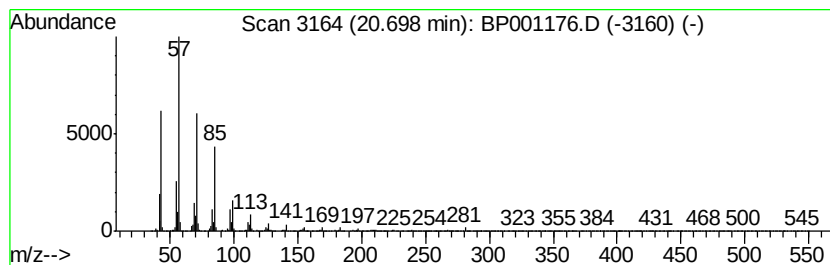
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	4.08 ng	197358	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Octadecane	254	C18H38	000593-45-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001176.D
Acq On : 04 Dec 2019 01:36
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Sample : K6012-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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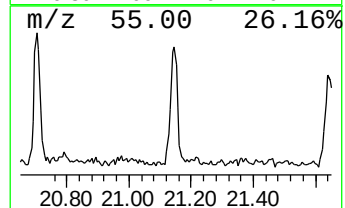
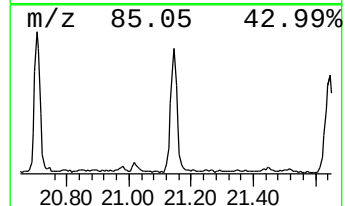
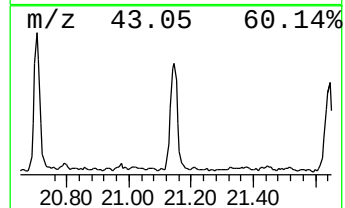
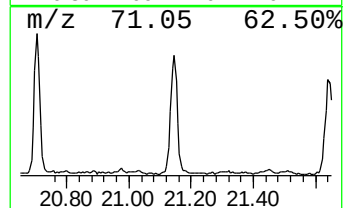
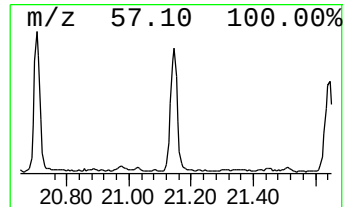
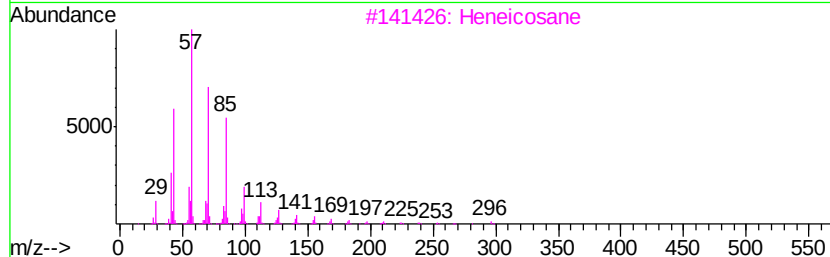
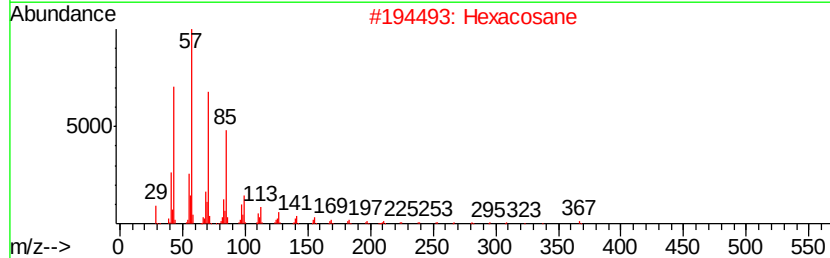
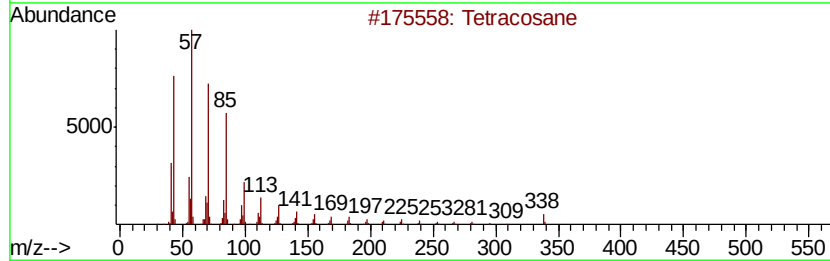
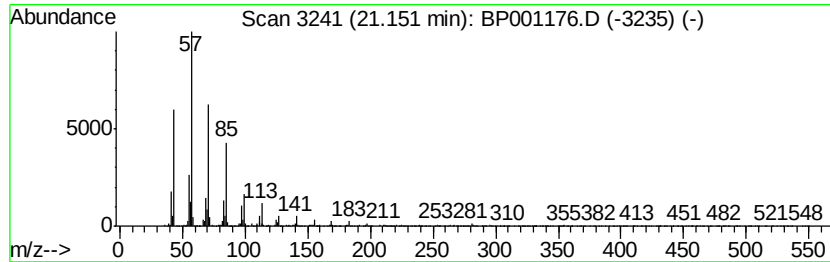
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	3.83 ng	185063	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001176.D
Acq On : 04 Dec 2019 01:36
Operator : JU
Sample : K6012-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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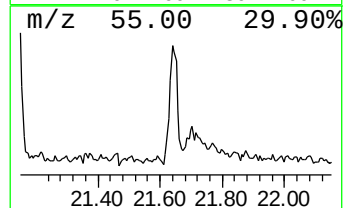
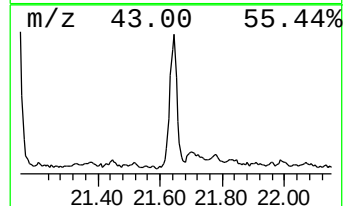
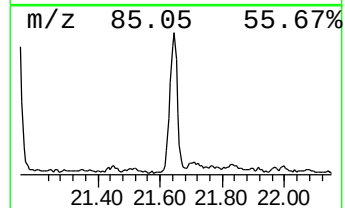
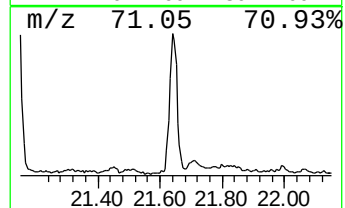
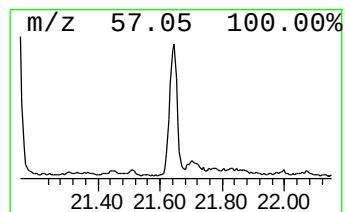
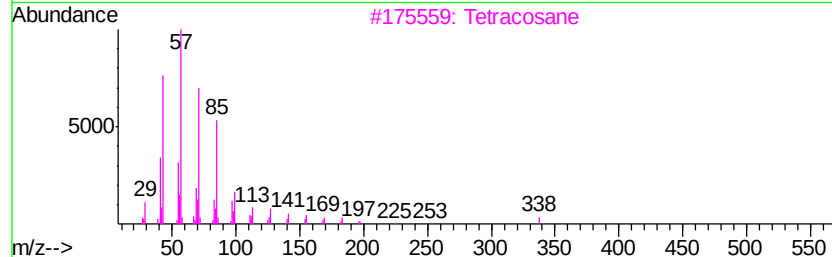
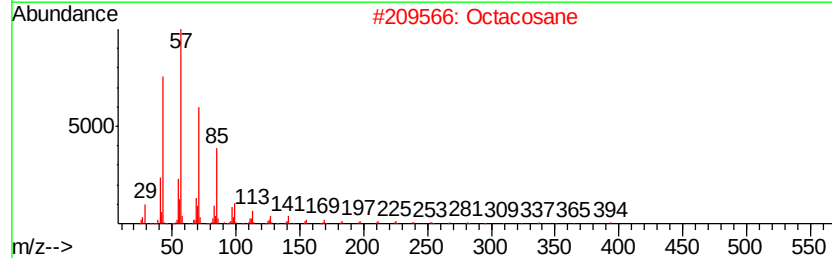
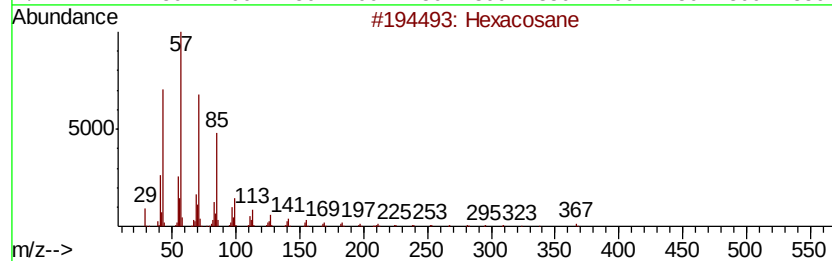
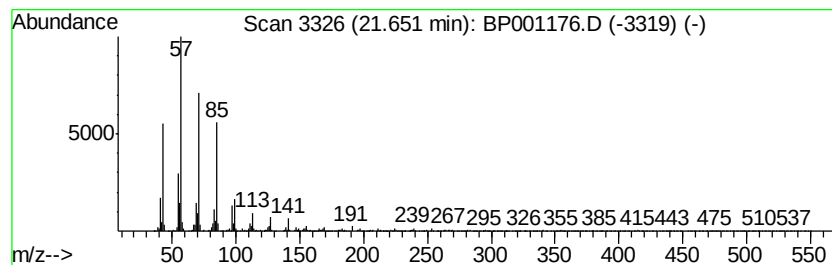
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.35 ng	161920	Perylene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
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Acq On : 04 Dec 2019 01:36
Operator : JU
Sample : K6012-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

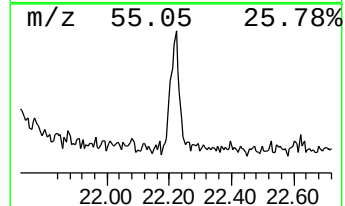
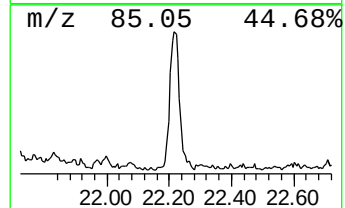
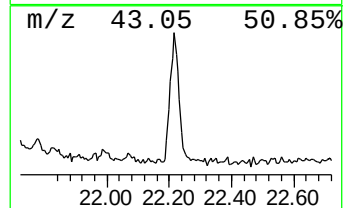
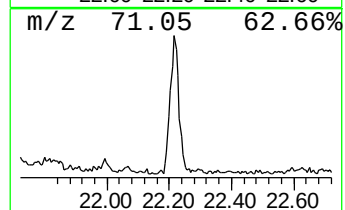
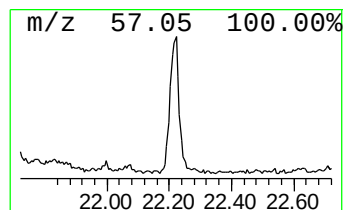
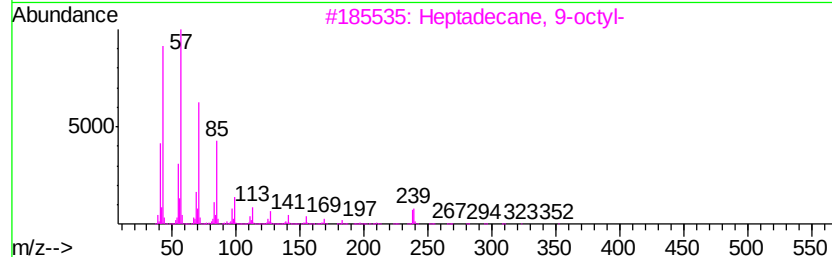
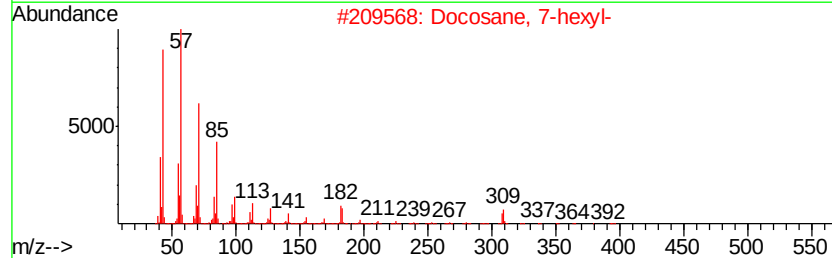
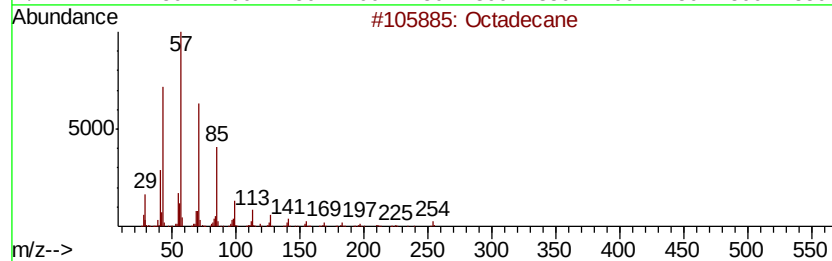
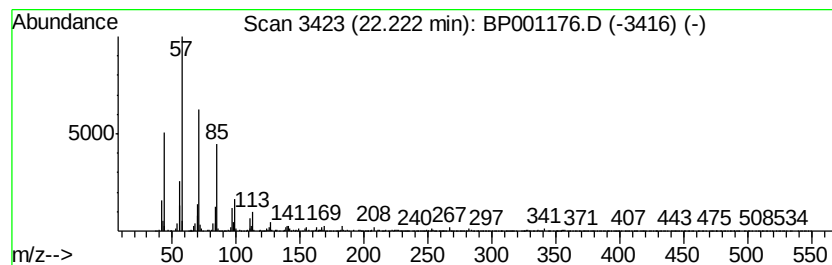
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.26 ng	109108	Perylene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254	C18H38	000593-45-3 95
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9 93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1 93
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8 93
5	2-methyloctacosane	408	C29H60	1000376-72-8 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120319\
Data File : BP001176.D
Acq On : 04 Dec 2019 01:36
Operator : JU
Sample : K6012-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
2-Pentanone, 4-hy...	5.64	24.8	ng	912544	1	8.31	737391	20.0
unknown7.95	7.95	119.5	ng	4407090	1	8.31	737391	20.0
n-Hexadecanoic acid	16.49	4.6	ng	251283	4	15.60	1090890	20.0
1-Heneicosanol	19.12	7.5	ng	377794	5	19.25	1011090	20.0
Heneicosane	19.93	3.0	ng	149661	5	19.25	1011090	20.0
Tetratetracontane	20.31	3.4	ng	162173	6	21.02	967374	20.0
Heptadecane, 9-oc...	20.70	4.1	ng	197358	6	21.02	967374	20.0
Tetracosane	21.15	3.8	ng	185063	6	21.02	967374	20.0
Octacosane	21.65	3.4	ng	161920	6	21.02	967374	20.0
Octadecane	22.22	2.3	ng	109108	6	21.02	967374	20.0