

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044146.D
 Acq On : 21 Jan 2020 23:13
 Operator : JU
 Sample : L1173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0052-DECANT-H2O-COMP-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_G\METHODS\8270-BG123019.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	5.511	405	412	424	rBV	633507	1072644	22.01%	3.612%
2	7.097	675	682	696	rBV	465723	853831	17.52%	2.875%
3	7.931	817	824	831	rBV	281911	480079	9.85%	1.616%
4	8.254	871	879	888	rBV	1085585	1907142	39.14%	6.422%
5	9.083	1011	1020	1039	rBV	860674	1623407	33.32%	5.466%
6	10.734	1289	1301	1315	rBV	378480	721341	14.80%	2.429%
7	13.190	1710	1719	1731	rBV	2401589	3946247	80.98%	13.288%
8	14.018	1854	1860	1866	rBV	42533	68599	1.41%	0.231%
9	14.565	1941	1953	1961	rBV	679946	1097324	22.52%	3.695%
10	15.381	2085	2092	2097	rBV	91715	125149	2.57%	0.421%
11	16.051	2199	2206	2221	rBV	1869063	3023282	62.04%	10.180%
12	17.308	2413	2420	2432	rBV	792239	1249118	25.63%	4.206%
13	19.712	2824	2829	2832	rBV2	40904	53578	1.10%	0.180%
14	19.923	2858	2865	2875	rBV	3589771	4872838	100.00%	16.408%
15	20.240	2912	2919	2924	rBV	79003	106484	2.19%	0.359%
16	20.734	2997	3003	3007	rBV	159881	188535	3.87%	0.635%
17	21.227	3082	3087	3105	rBV	388352	737920	15.14%	2.485%
18	21.551	3135	3142	3152	rBV	790977	1310231	26.89%	4.412%
19	21.768	3173	3179	3185	rBV	310581	458781	9.42%	1.545%
20	22.355	3273	3279	3285	rBV	413672	671960	13.79%	2.263%
21	23.031	3387	3394	3410	rVB	454999	884745	18.16%	2.979%
22	23.807	3519	3526	3537	rVB	444149	923098	18.94%	3.108%
23	24.659	3661	3671	3677	rBV2	474082	1301660	26.71%	4.383%
24	24.723	3677	3682	3693	rVB2	364575	894384	18.35%	3.012%
25	25.810	3858	3867	3879	rBV	243168	710014	14.57%	2.391%
26	27.115	4080	4089	4100	rVB3	120180	416367	8.54%	1.402%

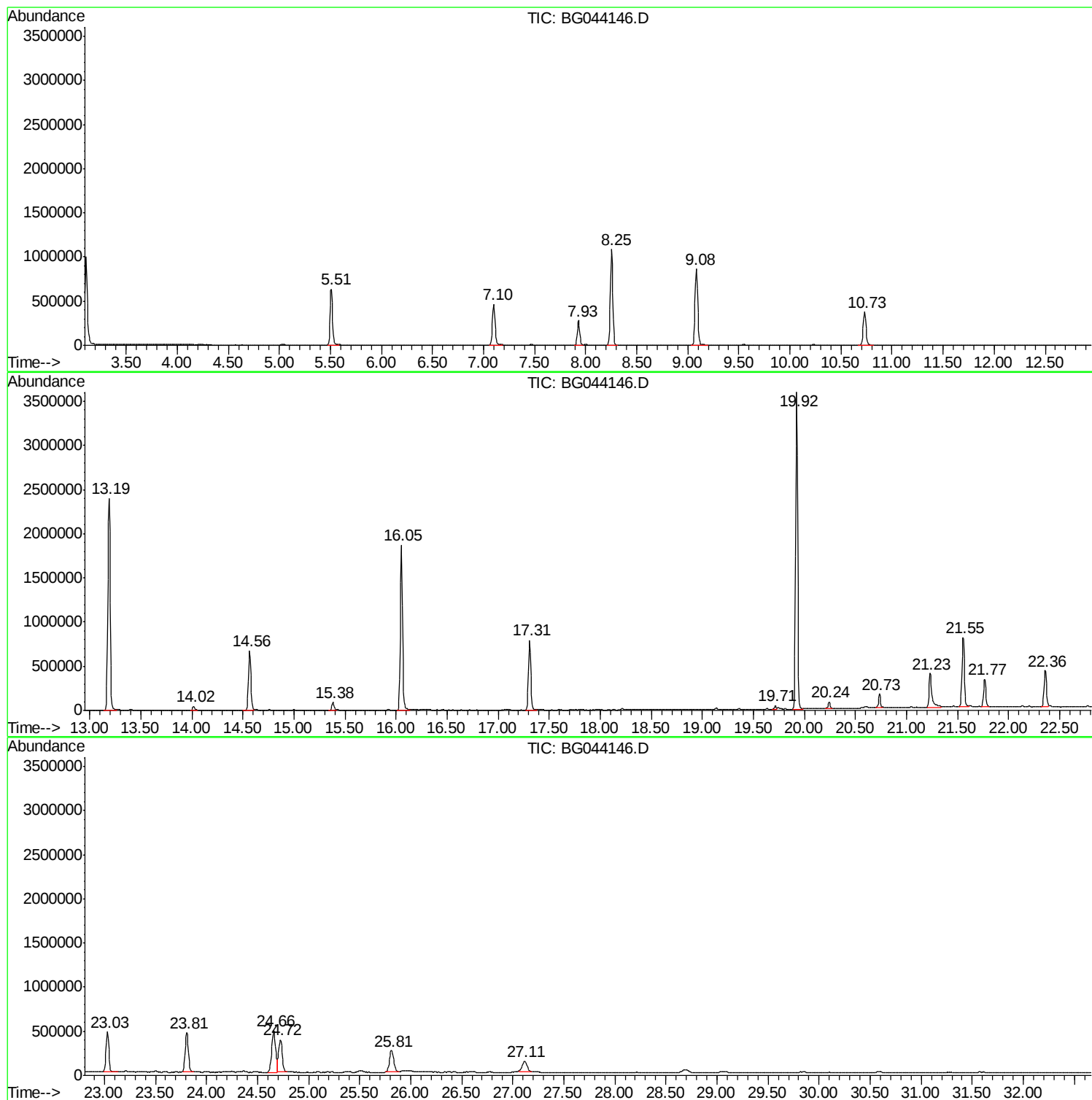
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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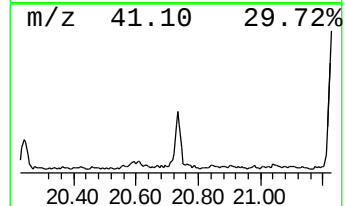
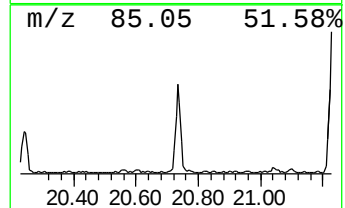
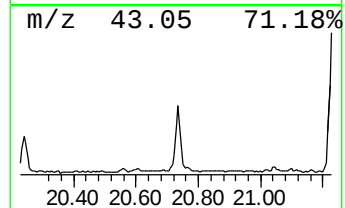
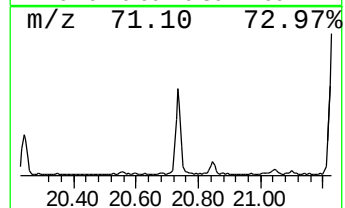
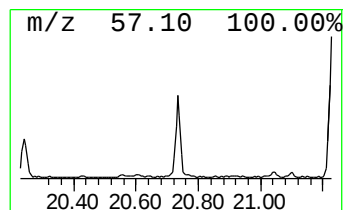
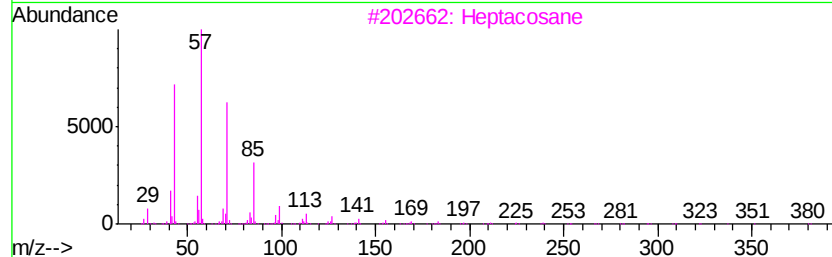
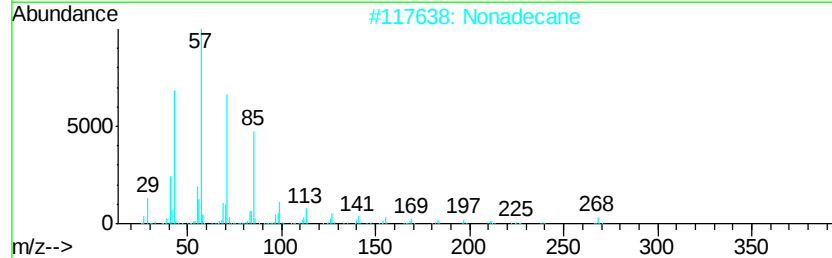
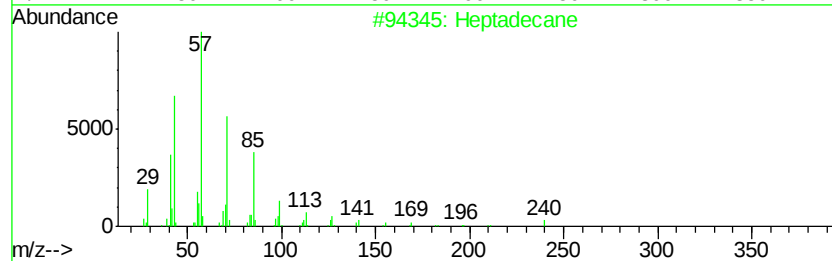
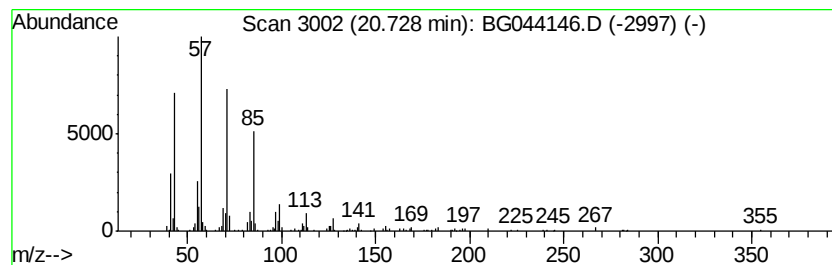
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.88 ng	188535	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetradecane	198	C14H30	000629-59-4	86



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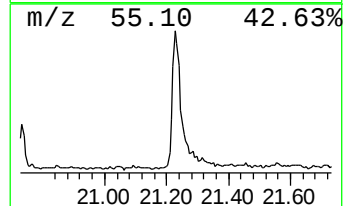
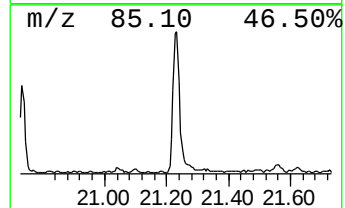
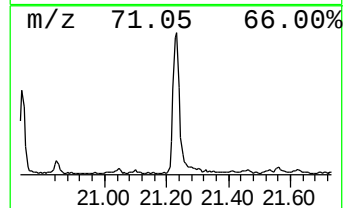
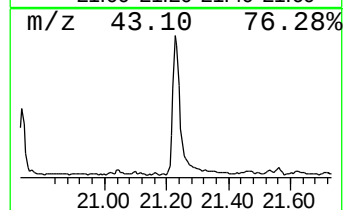
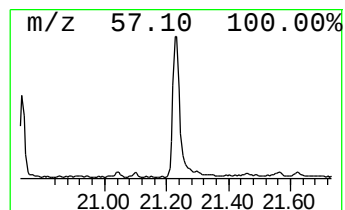
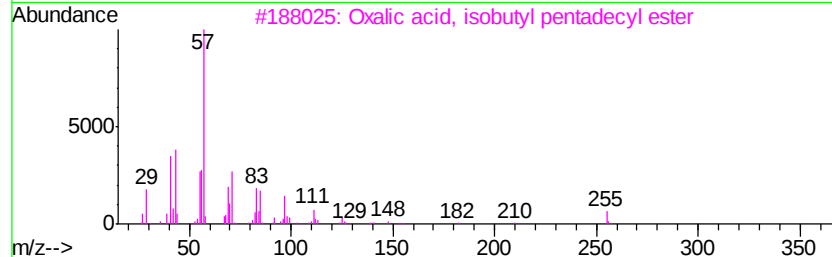
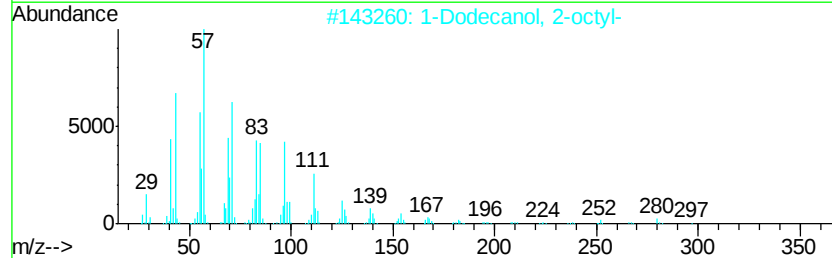
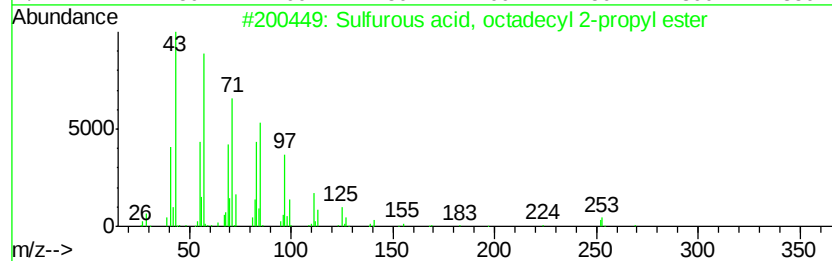
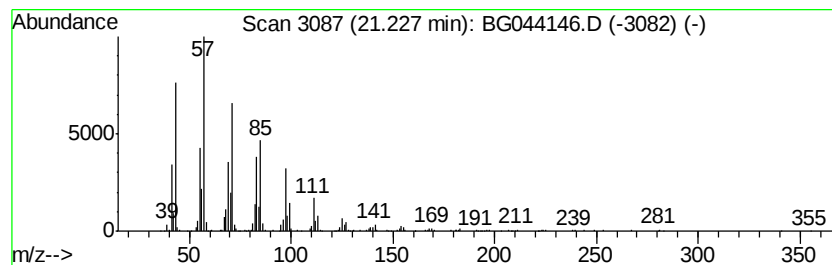
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Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	11.26 ng	737920	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
4		Hexadecane	226	C16H34	000544-76-3	62
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	62



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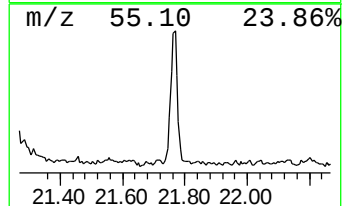
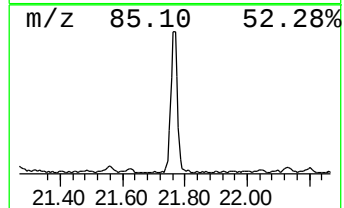
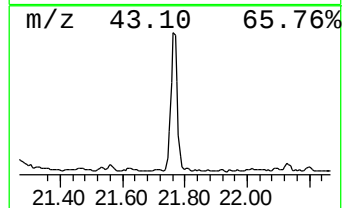
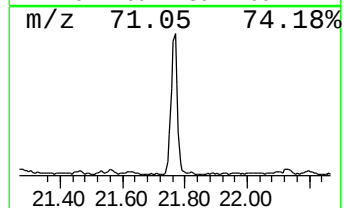
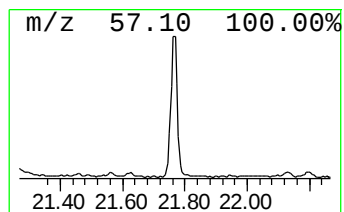
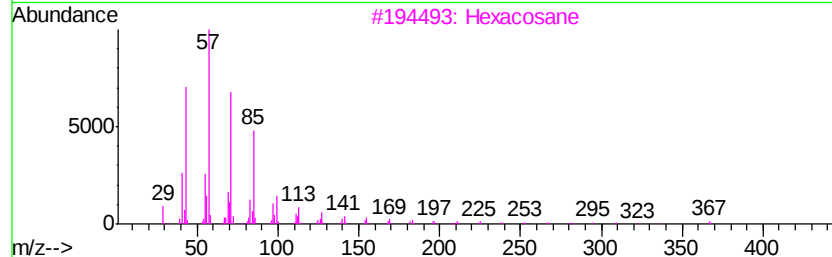
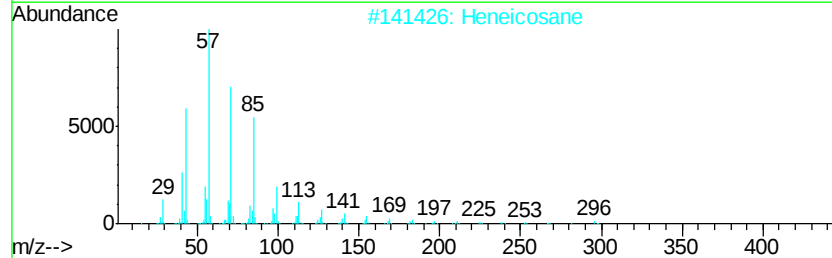
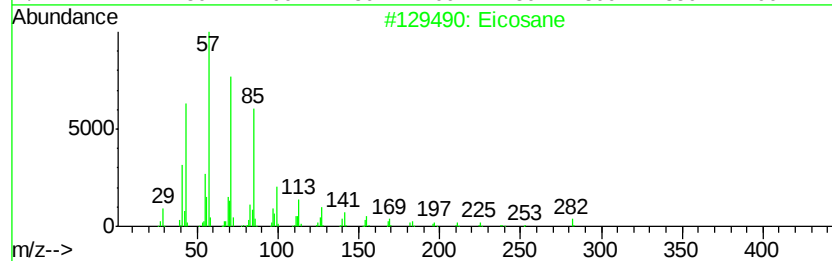
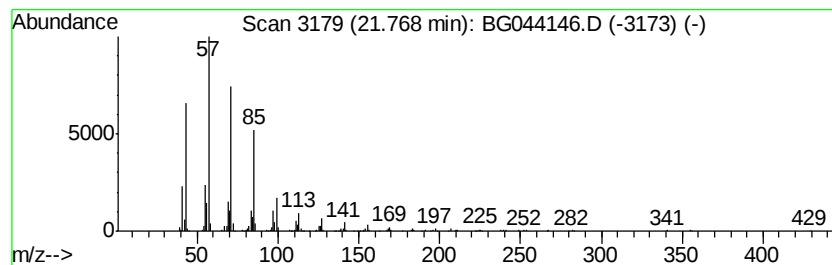
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Peak Number 4 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	7.00 ng	458781	Chrysene-d12	21.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	91
5	Octadecane		254	C18H38	000593-45-3	91



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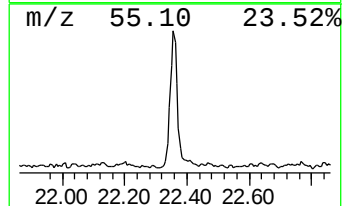
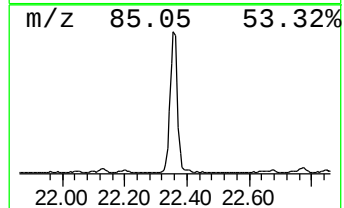
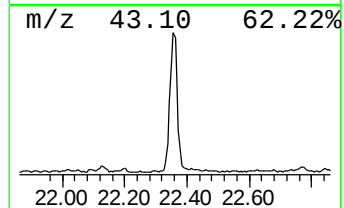
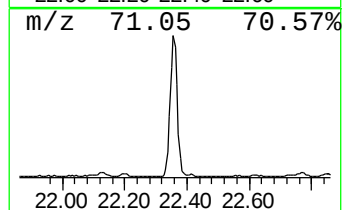
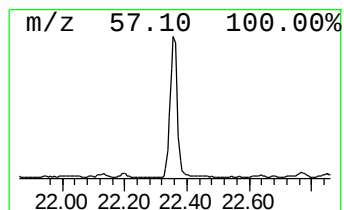
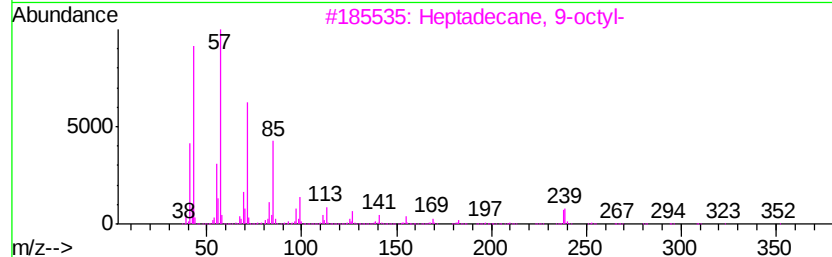
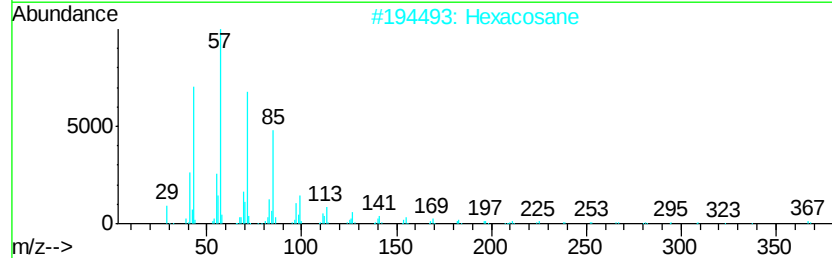
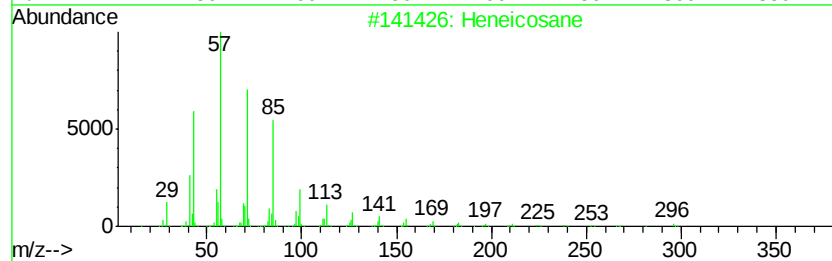
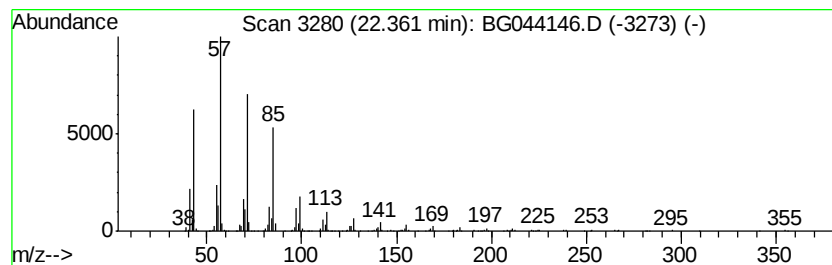
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	10.26 ng	671960	Chrysene-d12	21.55

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



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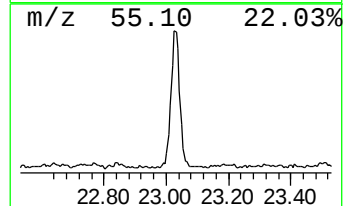
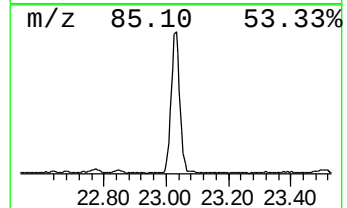
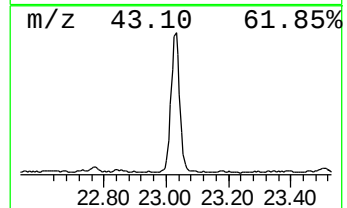
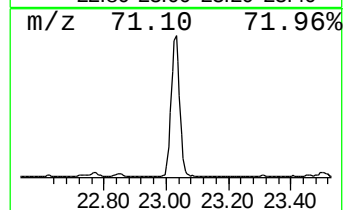
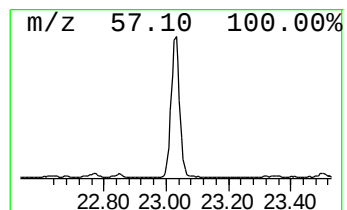
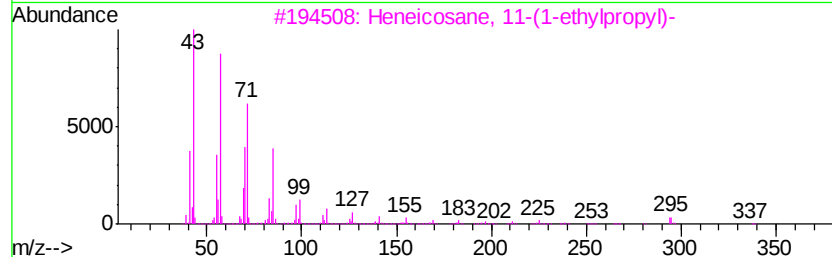
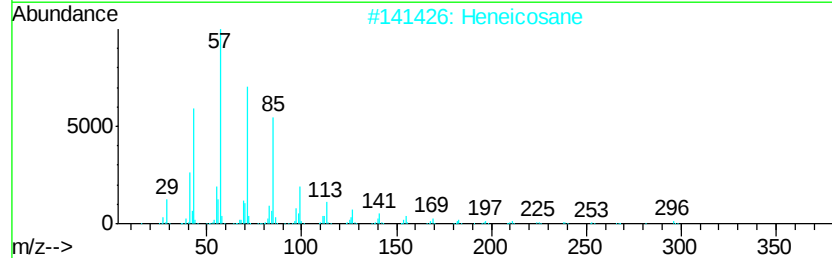
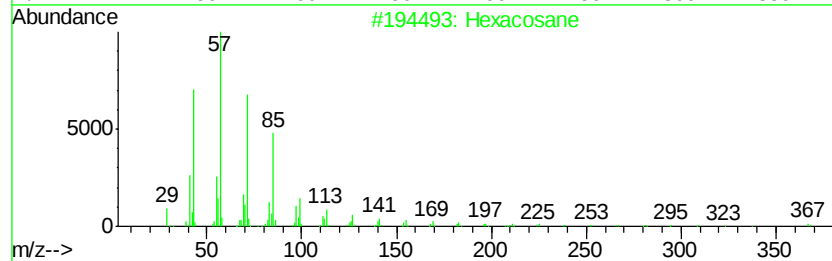
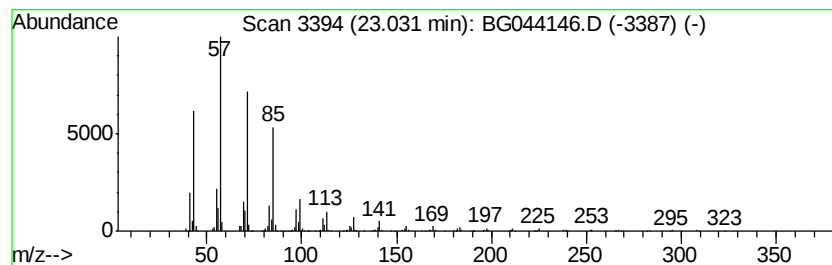
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 Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	13.51 ng	884745	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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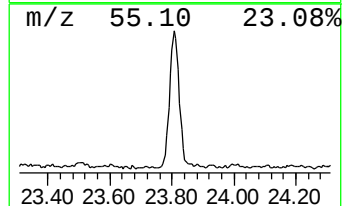
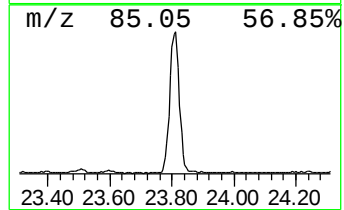
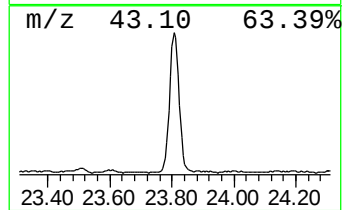
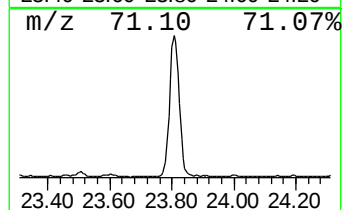
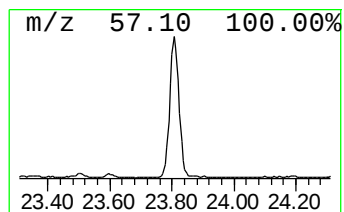
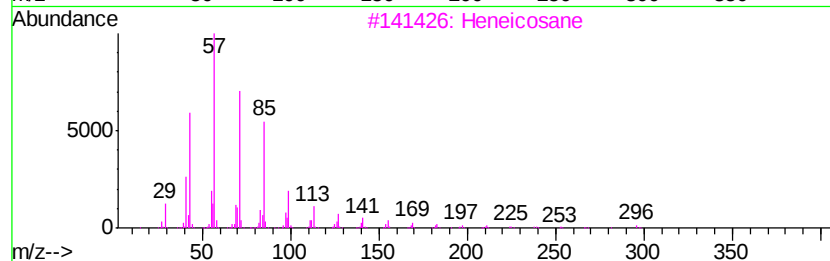
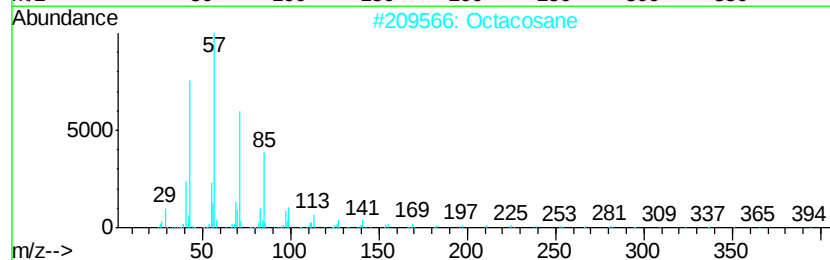
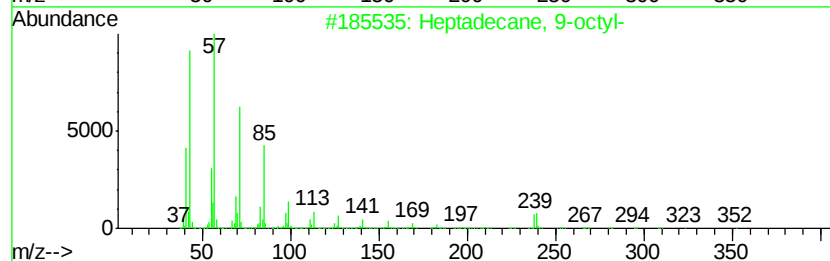
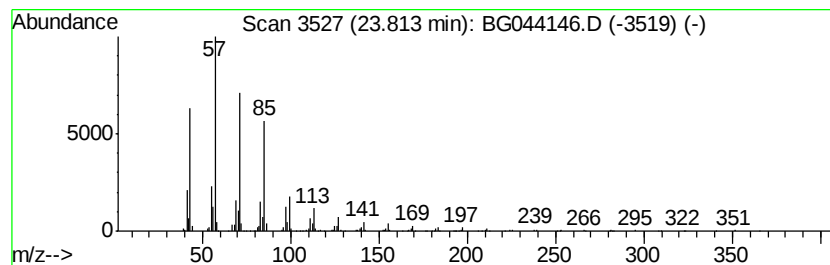
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	14.18 ng	923098	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
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 Acq On : 21 Jan 2020 23:13
 Operator : JU
 Sample : L1173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

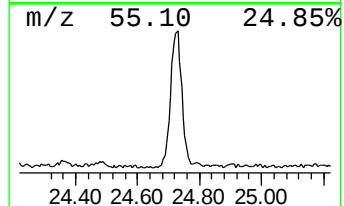
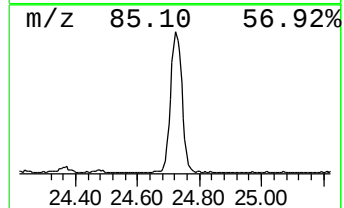
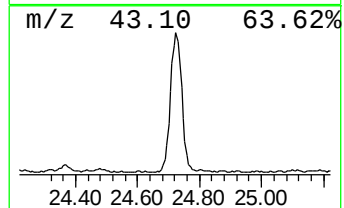
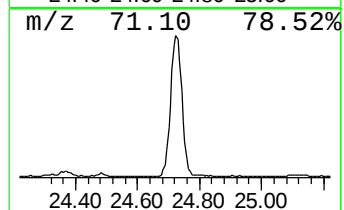
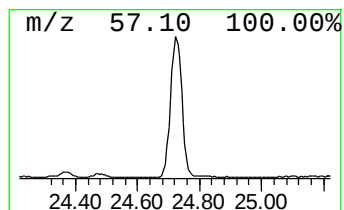
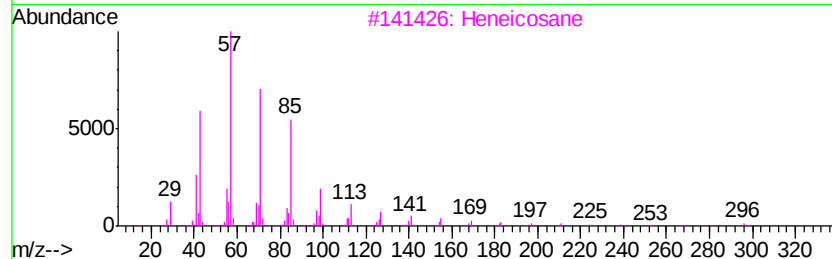
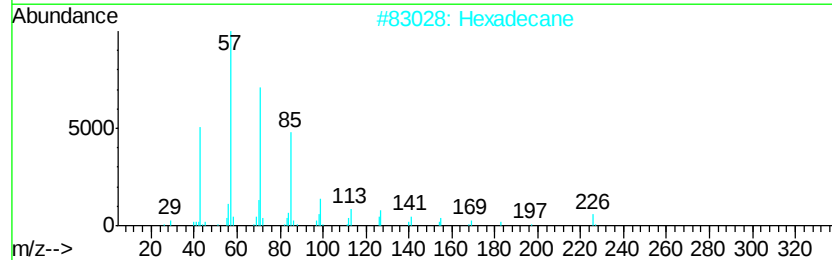
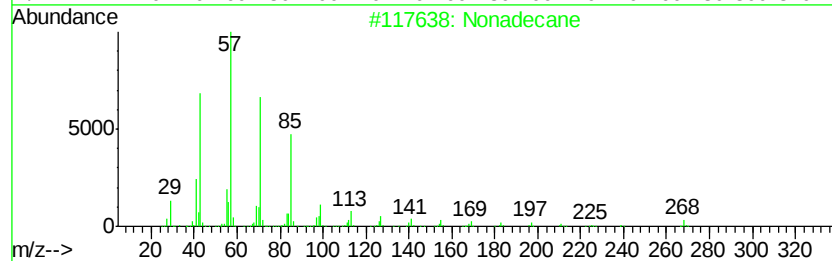
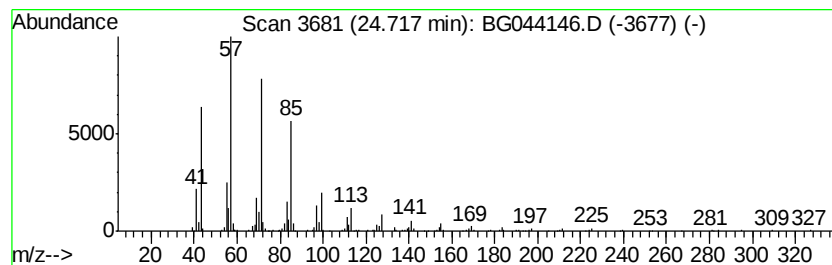
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.72	13.74 ng	894384	Perylene-d12		24.66	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044146.D
Acq On : 21 Jan 2020 23:13
Operator : JU
Sample : L1173-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0052-DECANT-H2O-COMP-4

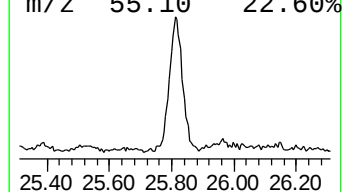
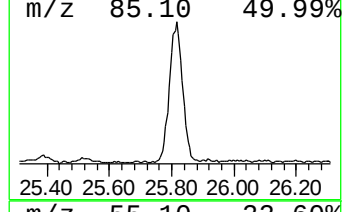
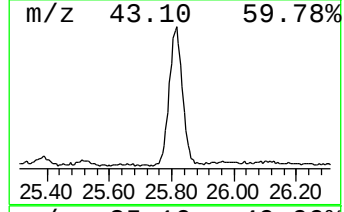
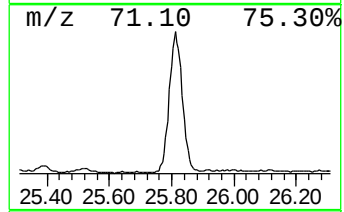
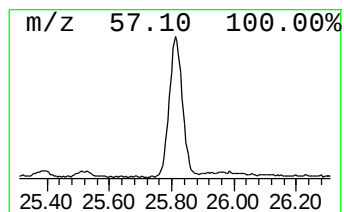
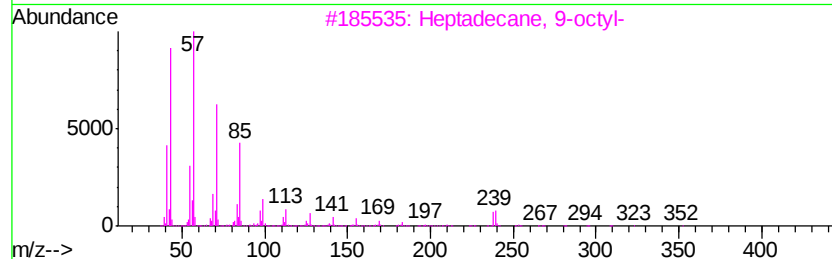
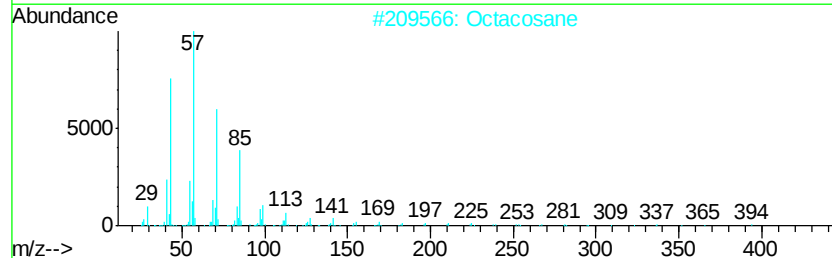
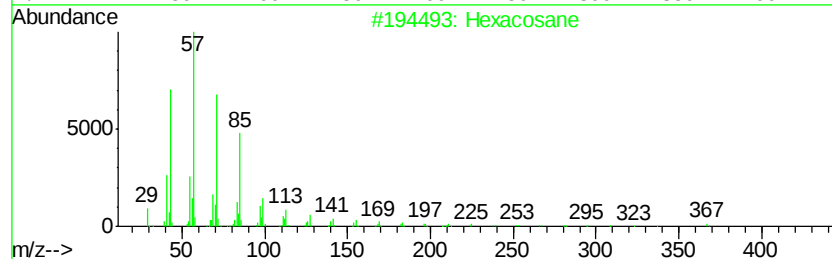
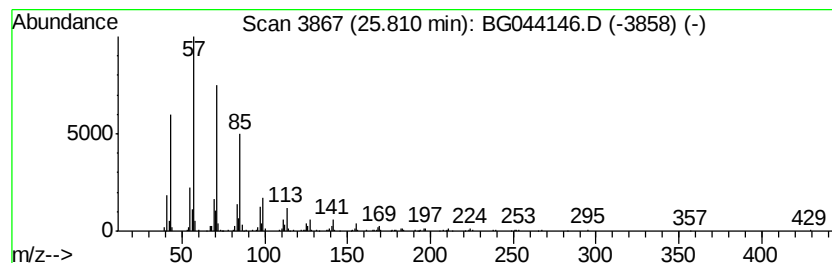
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	10.91 ng	710014	Perylene-d12	24.66

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	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044146.D
 Acq On : 21 Jan 2020 23:13
 Operator : JU
 Sample : L1173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 0052-DECANT-H2O-COMP-4

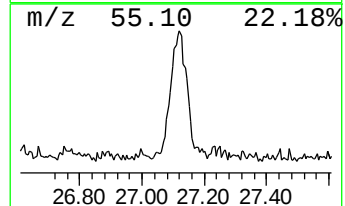
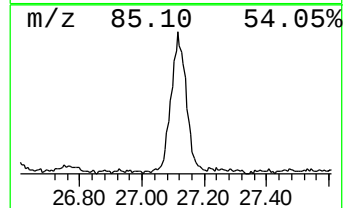
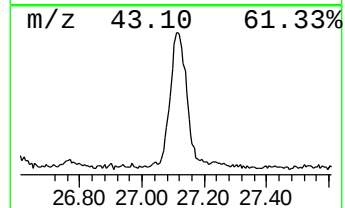
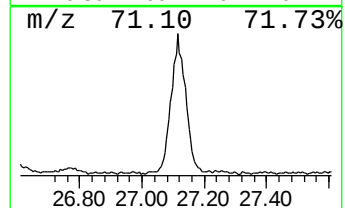
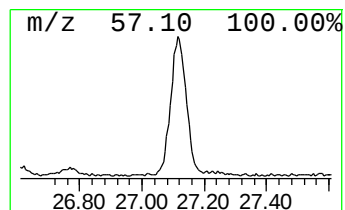
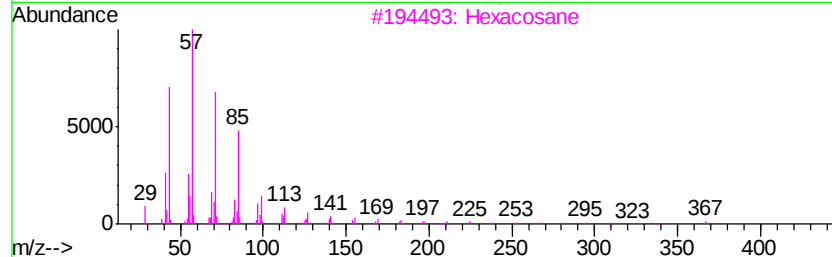
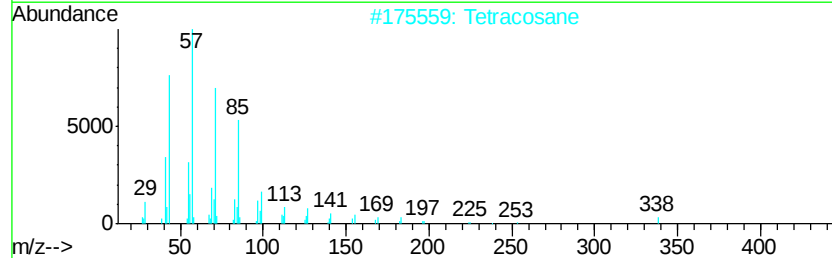
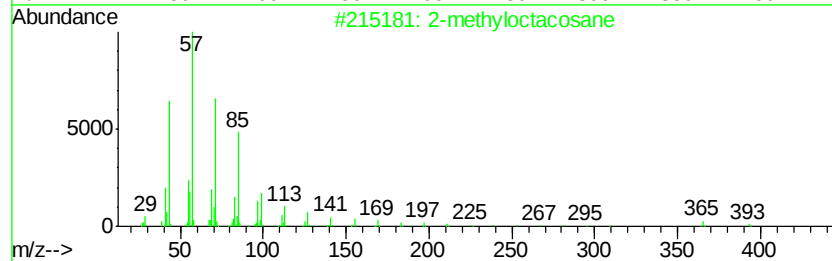
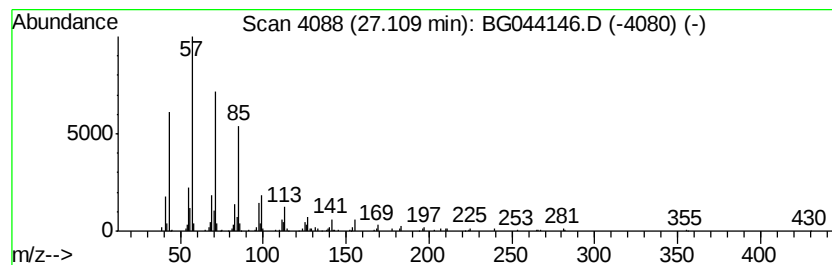
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.11	6.40 ng	416367	Perylene-d12	24.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012120\
 Data File : BG044146.D
 Acq On : 21 Jan 2020 23:13
 Operator : JU
 Sample : L1173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0052-DECANT-H2O-COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
Heptadecane	20.73	2.9	ng	188535	5	21.55	1310230	20.0
Sulfurous acid, o...	21.23	11.3	ng	737920	5	21.55	1310230	20.0
Eicosane	21.77	7.0	ng	458781	5	21.55	1310230	20.0
Heneicosane	22.36	10.3	ng	671960	5	21.55	1310230	20.0
Hexacosane	23.03	13.5	ng	884745	5	21.55	1310230	20.0
Heptadecane, 9-oc...	23.81	14.2	ng	923098	6	24.66	1301660	20.0
Nonadecane	24.72	13.7	ng	894384	6	24.66	1301660	20.0
Octacosane	25.81	10.9	ng	710014	6	24.66	1301660	20.0
2-methyloctacosane	27.11	6.4	ng	416367	6	24.66	1301660	20.0