

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044820.D
 Acq On : 16 Mar 2020 19:37
 Operator : CG/JU
 Sample : L1912-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-1

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-BG031020.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	3.154	4	11	21	rBV3	82735	211158	3.94%	0.588%
2	3.236	21	25	31	rVB	42332	73714	1.38%	0.205%
3	5.622	423	431	443	rVB	1494900	2522610	47.07%	7.027%
4	7.202	692	700	710	rBV	1541112	2734954	51.03%	7.618%
5	8.048	835	844	852	rBV	364907	637152	11.89%	1.775%
6	8.371	892	899	910	rBV	1126031	2044361	38.15%	5.695%
7	9.206	1032	1041	1053	rBV	932238	1757031	32.79%	4.894%
8	10.857	1311	1322	1336	rBV	478246	890934	16.62%	2.482%
9	13.307	1731	1739	1749	rBV	2446570	3776908	70.48%	10.520%
10	14.129	1871	1879	1885	rBV	206114	310496	5.79%	0.865%
11	14.682	1965	1973	1980	rBV	764979	1234268	23.03%	3.438%
12	16.168	2217	2226	2239	rBV	2012155	3257633	60.79%	9.074%
13	17.426	2432	2440	2444	rBV	993769	1545216	28.83%	4.304%
14	17.467	2444	2447	2453	rVV	273887	406293	7.58%	1.132%
15	17.561	2453	2463	2468	rVB2	38611	83138	1.55%	0.232%
16	18.324	2583	2593	2596	rBV4	124135	267405	4.99%	0.745%
17	18.495	2616	2622	2626	rBV2	63102	129103	2.41%	0.360%
18	18.536	2626	2629	2637	rVB2	40545	56300	1.05%	0.157%
19	18.795	2667	2673	2676	rBV	37141	57226	1.07%	0.159%
20	18.830	2676	2679	2686	rVB3	35895	55836	1.04%	0.156%
21	19.218	2735	2745	2749	rBV	45499	89212	1.66%	0.248%
22	19.347	2763	2767	2775	rVB5	38269	71690	1.34%	0.200%
23	19.476	2783	2789	2795	rBV	430029	644719	12.03%	1.796%
24	19.834	2840	2850	2858	rBV	419225	750886	14.01%	2.092%
25	20.040	2875	2885	2896	rBV	3798609	5359055	100.00%	14.928%
26	20.169	2900	2907	2910	rBV4	35178	75296	1.41%	0.210%
27	20.322	2930	2933	2938	rVB2	63071	86931	1.62%	0.242%
28	20.487	2955	2961	2965	rVV3	51528	90858	1.70%	0.253%
29	21.086	3059	3063	3069	rVB2	53351	83141	1.55%	0.232%
30	21.268	3088	3094	3098	rBV4	38871	83411	1.56%	0.232%
31	21.356	3105	3109	3116	rBV3	344071	557553	10.40%	1.553%
32	21.697	3158	3167	3172	rBV3	951729	1951796	36.42%	5.437%
33	21.738	3172	3174	3180	rVB	160914	227764	4.25%	0.634%
34	21.920	3202	3205	3212	rVB4	50079	77704	1.45%	0.216%

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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	22.543	3306	3311	3324	rVB5	87889	213421	3.98%	0.594%
36	23.236	3424	3429	3436	rBV2	100124	184074	3.43%	0.513%
37	23.889	3532	3540	3548	rBV	129223	423686	7.91%	1.180%
38	24.053	3562	3568	3576	rVB2	103582	225261	4.20%	0.627%
39	24.605	3656	3662	3673	rVB3	81376	239033	4.46%	0.666%
40	24.752	3678	3687	3697	rVB	113700	326755	6.10%	0.910%
41	24.905	3703	3713	3724	rBV2	544727	1571022	29.32%	4.376%
42	25.017	3727	3732	3740	rVB4	106446	265671	4.96%	0.740%
43	26.162	3922	3927	3936	rVB4	67593	184847	3.45%	0.515%
44	29.652	4513	4521	4522	rBV7	35104	64990	1.21%	0.181%

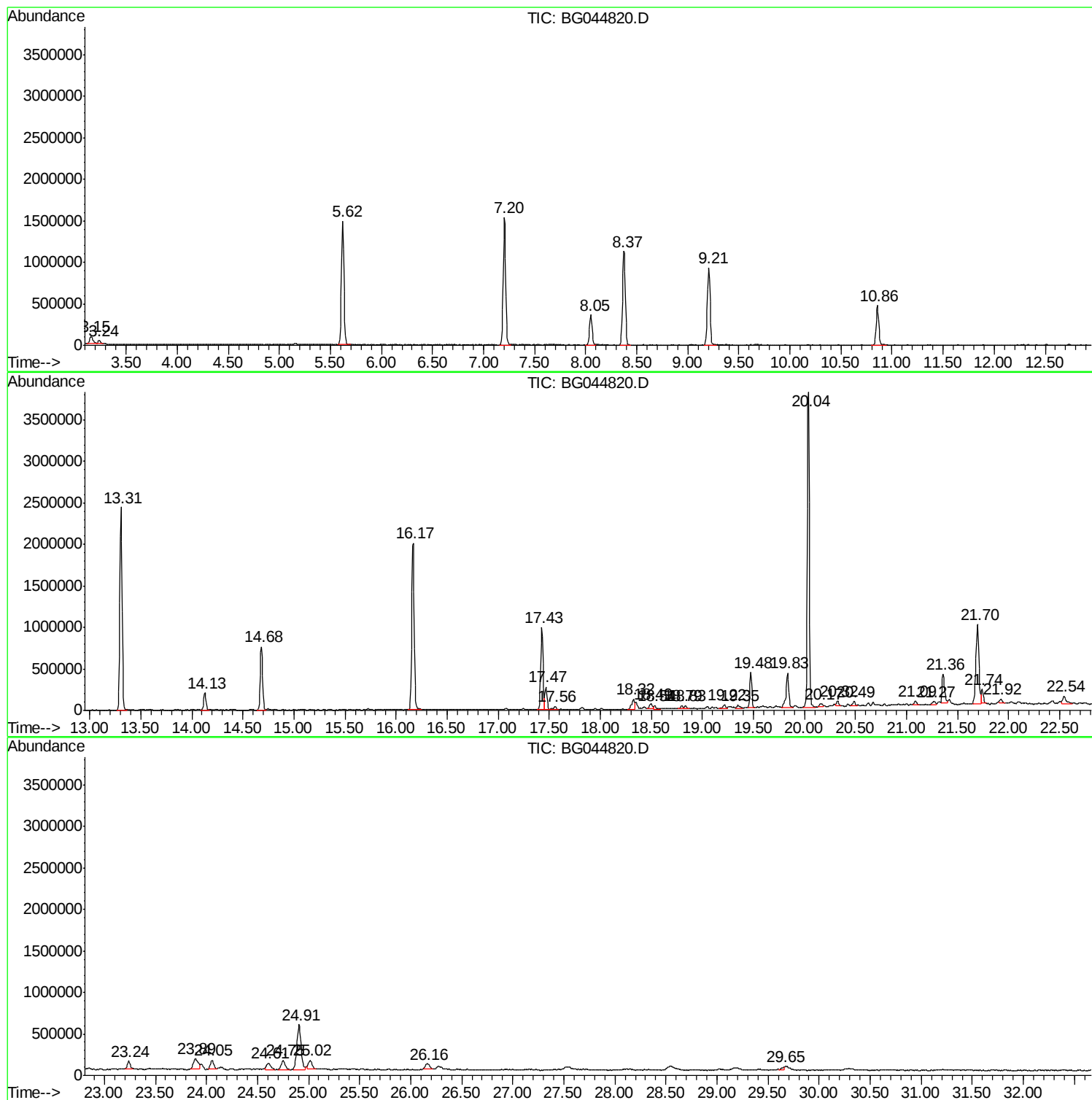
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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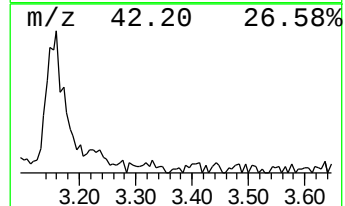
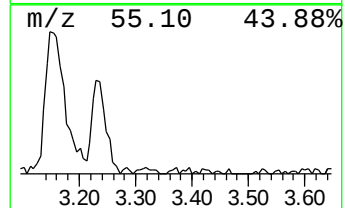
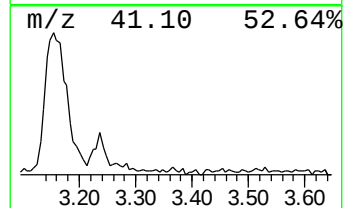
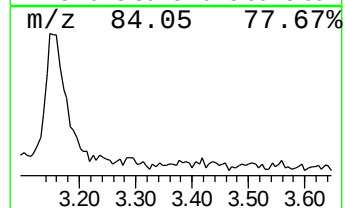
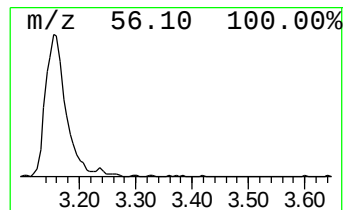
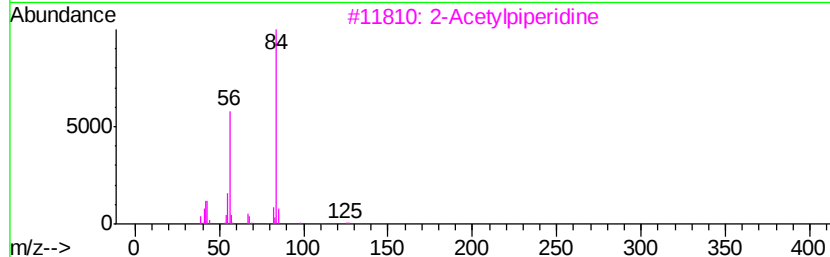
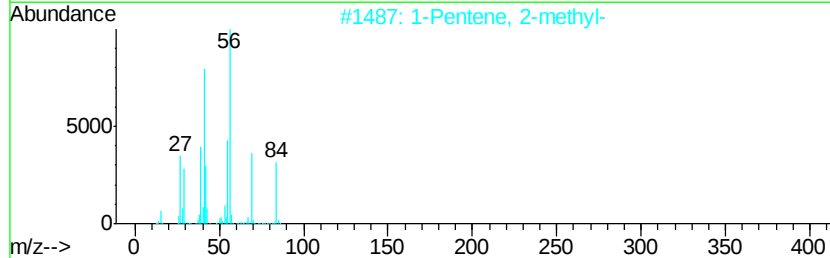
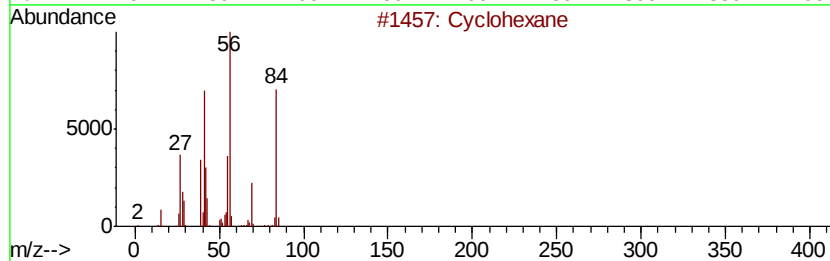
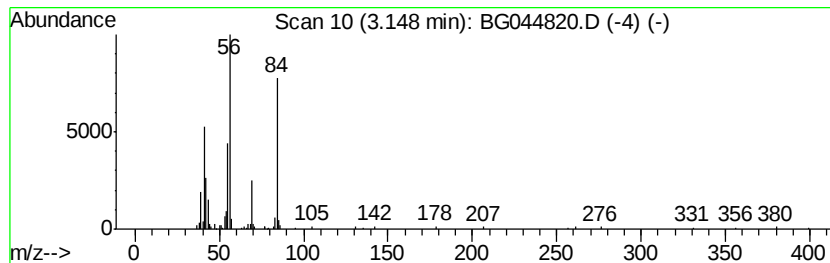
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	6.63 ng	211158	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	90
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3		2-Acetylpiperidine	127	C7H13NO	097073-22-8	78
4		2-Piperidinemethanol	115	C6H13NO	003433-37-2	64
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	50



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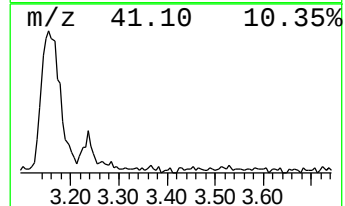
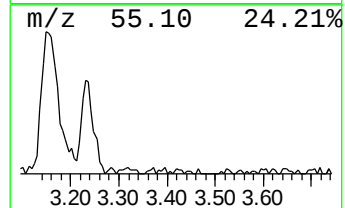
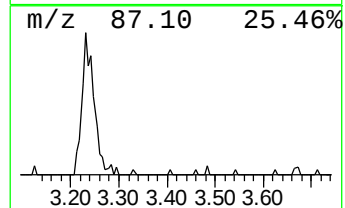
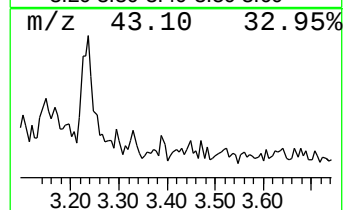
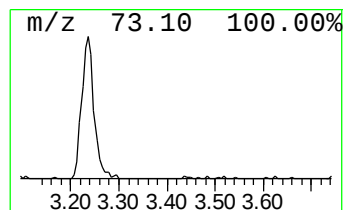
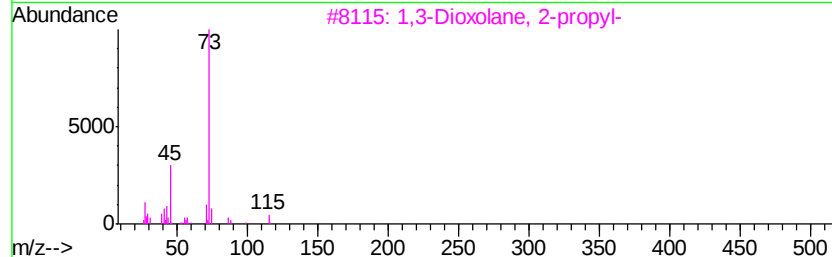
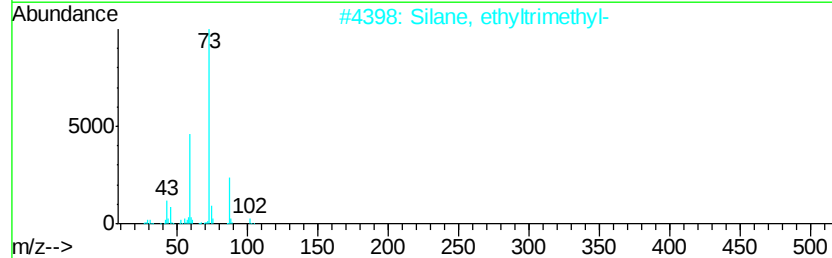
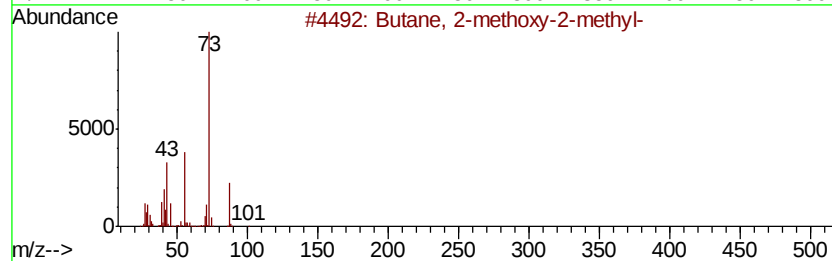
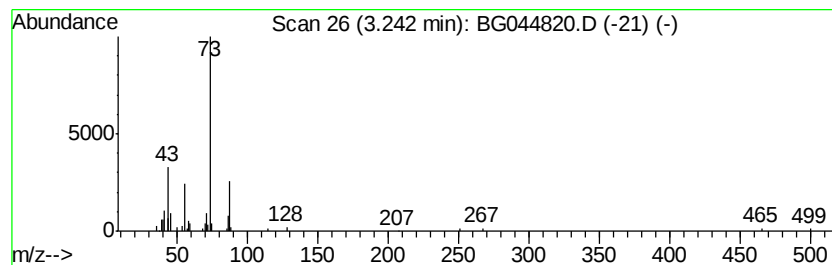
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	2.31 ng	73714	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	25
3		1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	12
4		Acetaldehyde, O-ethylloxime-	87	C4H9NO	1000288-34-6	9
5		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9



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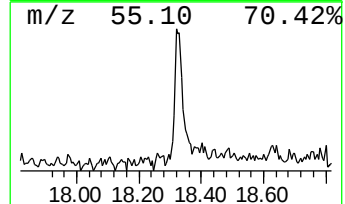
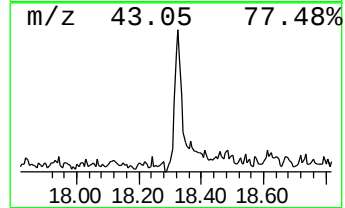
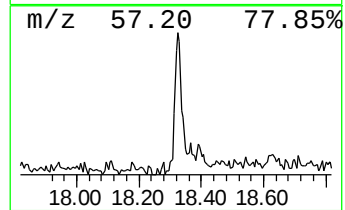
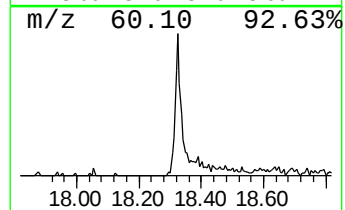
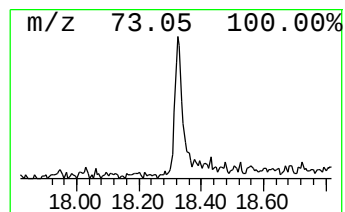
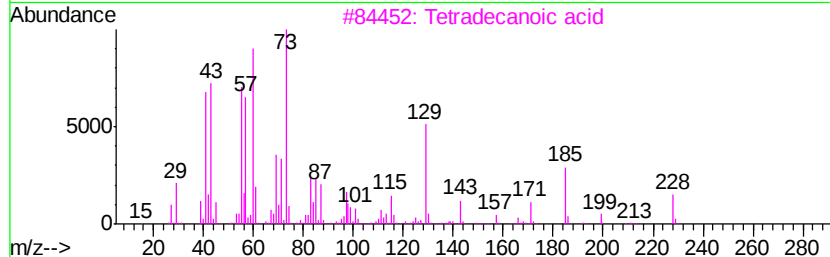
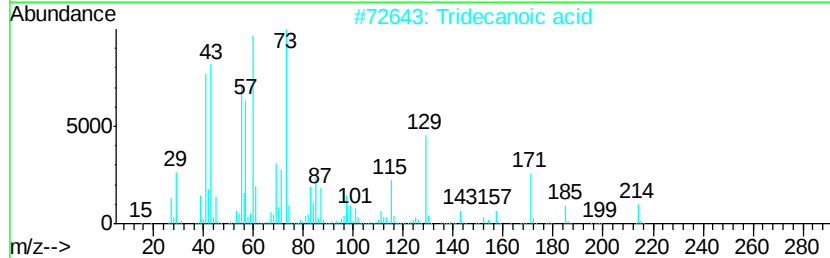
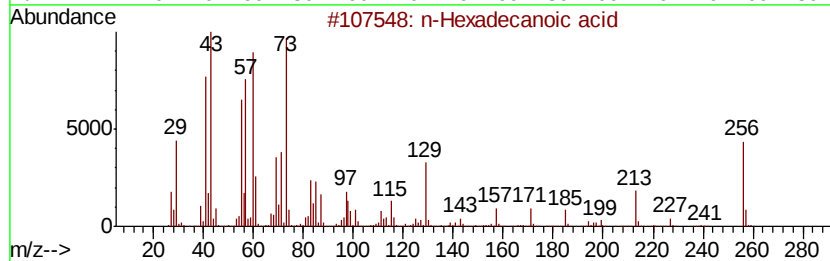
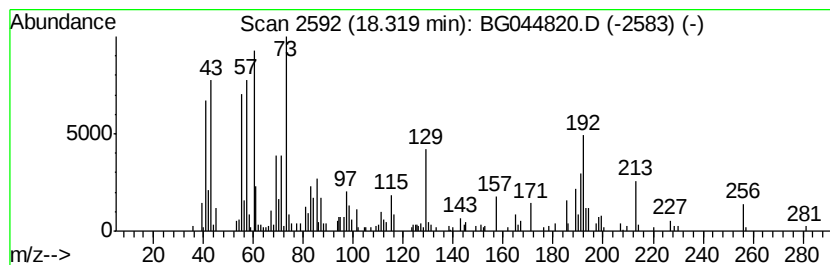
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.46 ng	267405	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50



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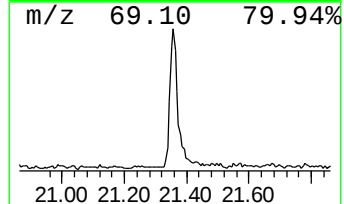
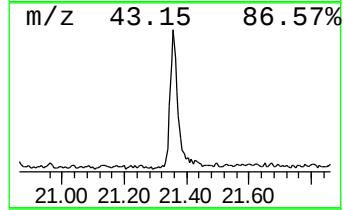
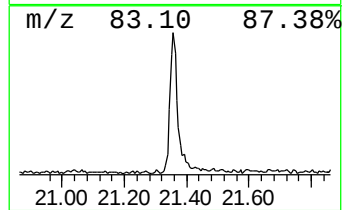
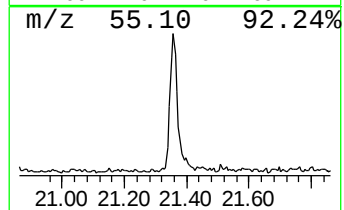
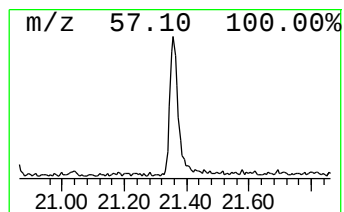
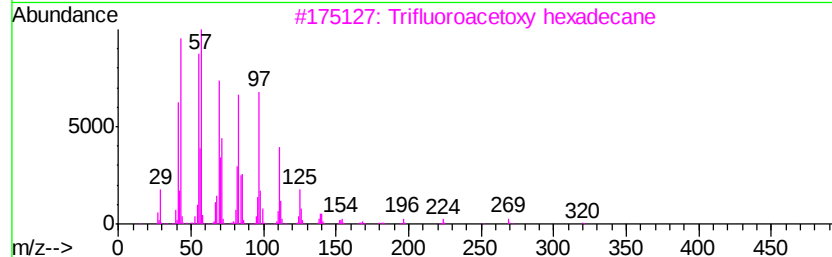
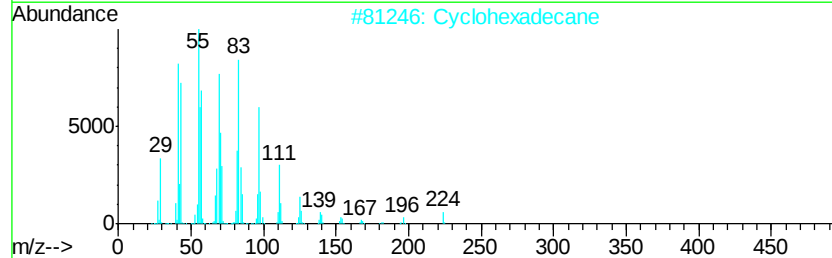
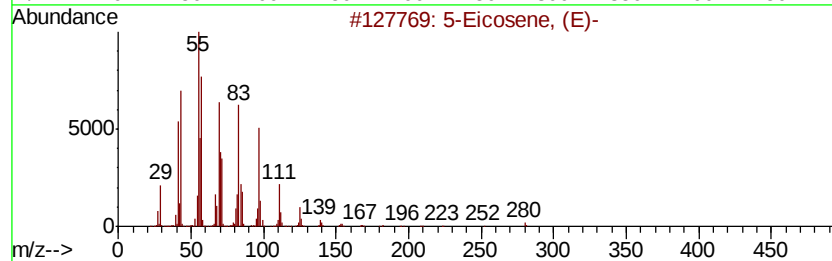
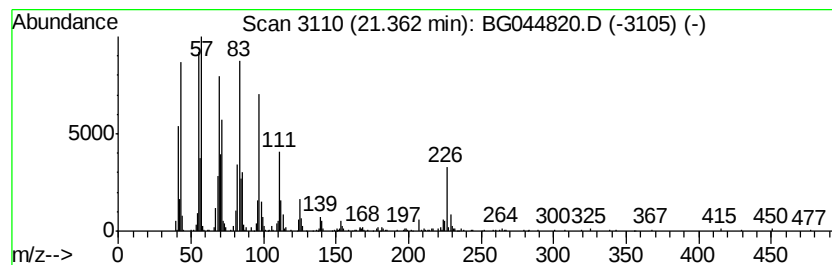
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Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.36	5.71 ng	557553	Chrysene-d12	21.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	Cyclohexadecane		224	C16H32	000295-65-8	94
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94



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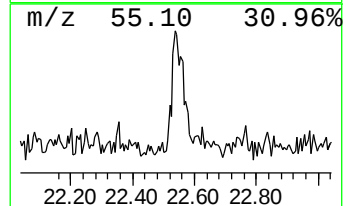
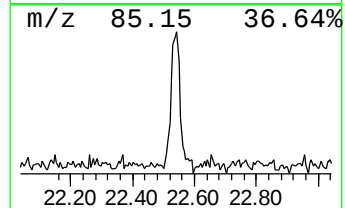
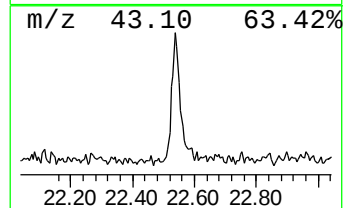
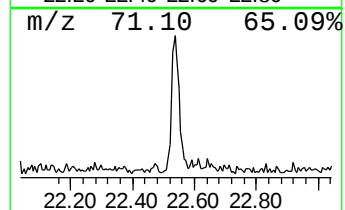
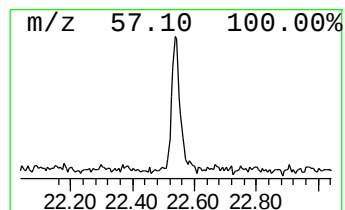
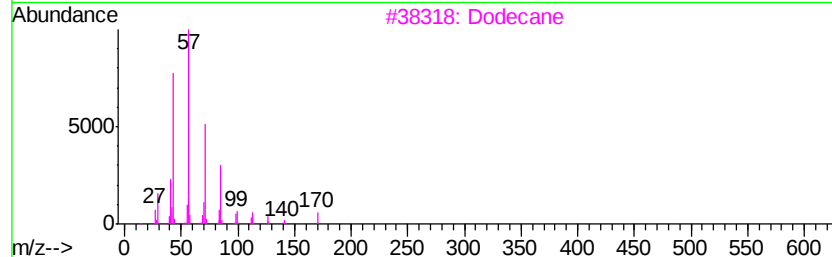
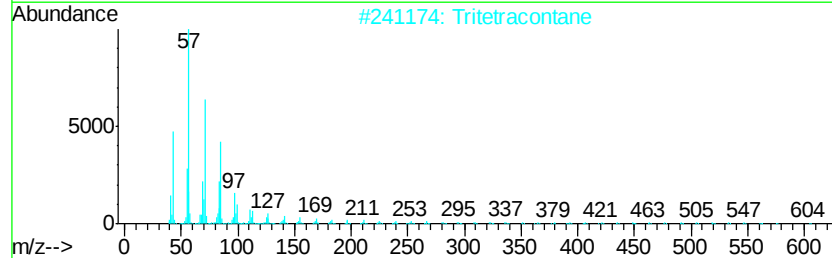
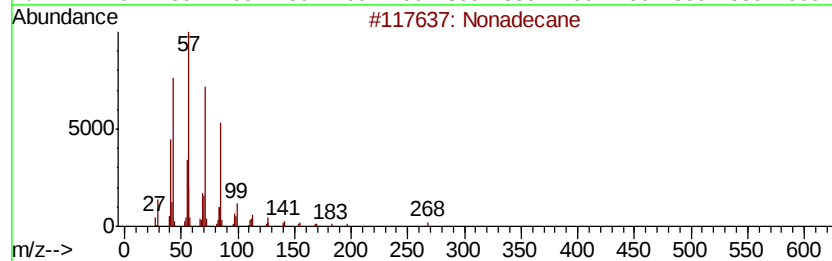
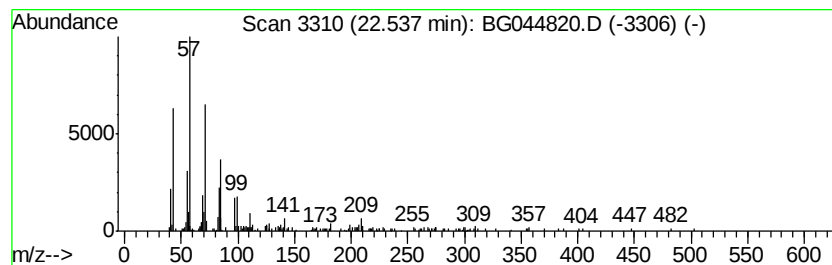
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.19 ng	213421	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Tritetracontane	605	C43H88	007098-21-7	68
3		Dodecane	170	C12H26	000112-40-3	64
4		Docosane	310	C22H46	000629-97-0	64
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044820.D
Acq On : 16 Mar 2020 19:37
Operator : CG/JU
Sample : L1912-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-1

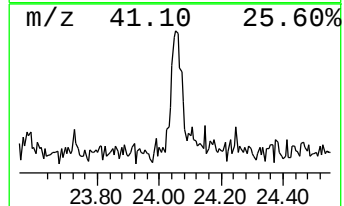
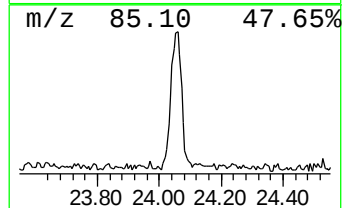
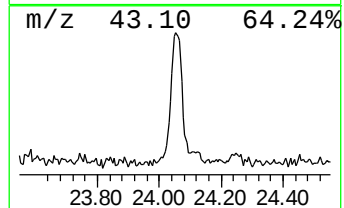
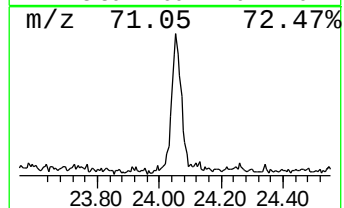
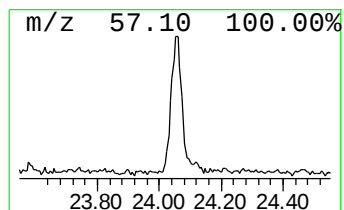
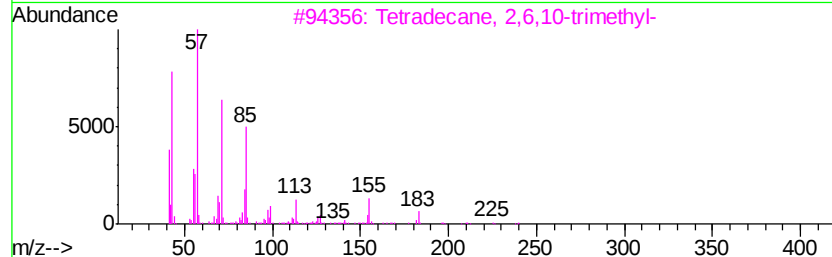
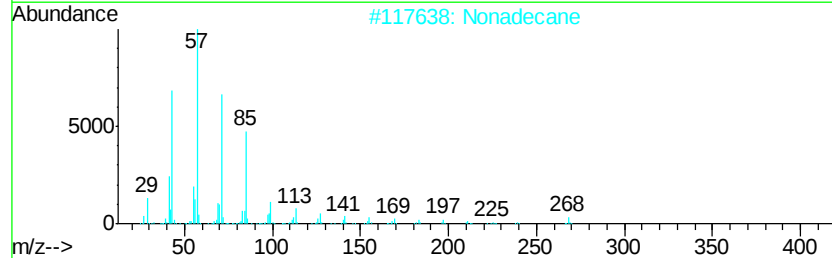
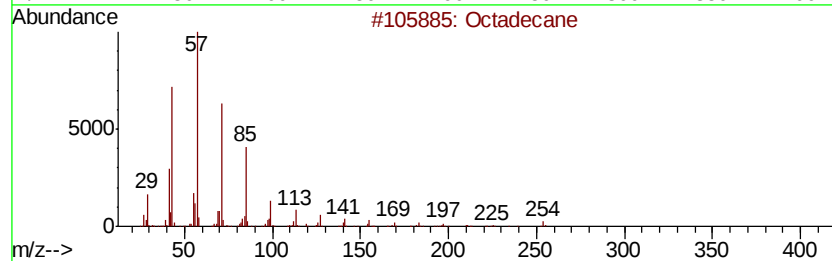
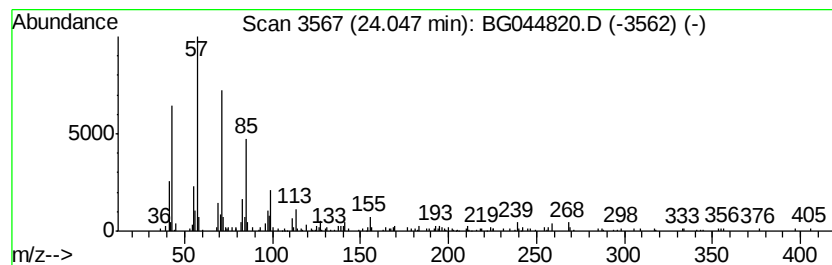
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.87 ng	225261	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044820.D
Acq On : 16 Mar 2020 19:37
Operator : CG/JU
Sample : L1912-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-1

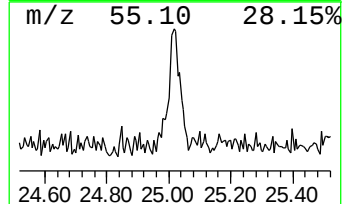
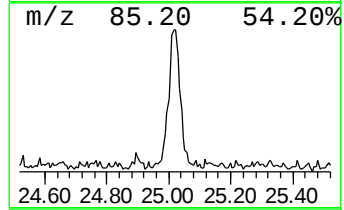
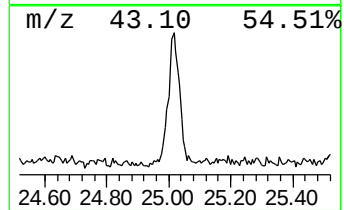
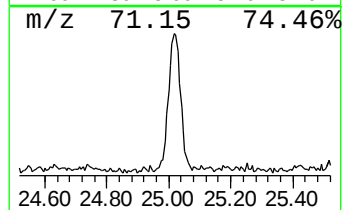
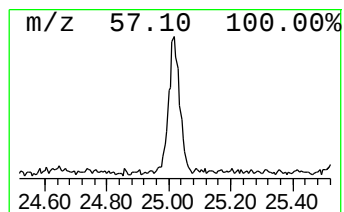
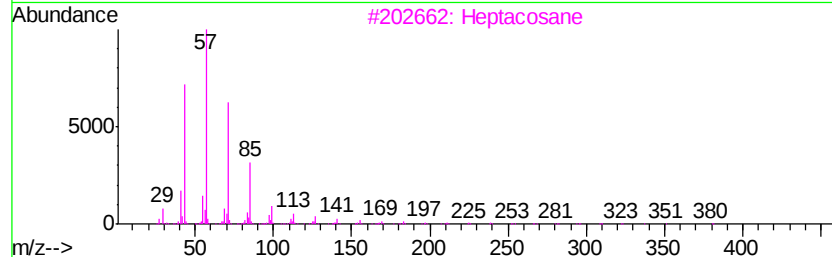
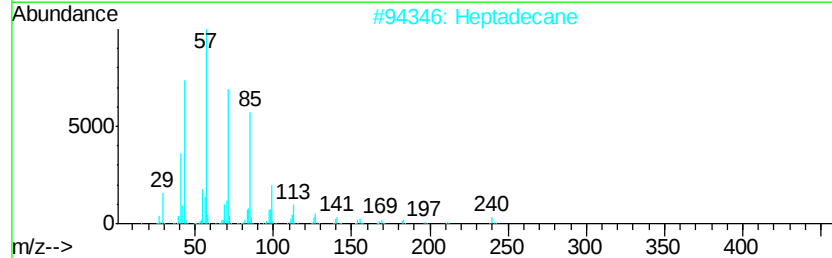
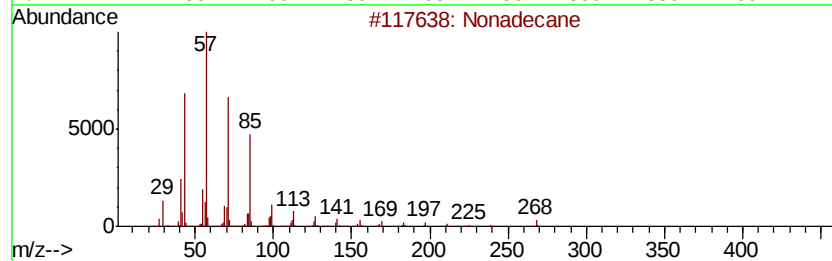
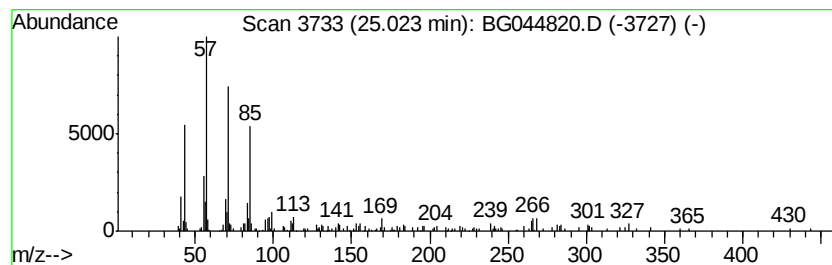
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	3.38 ng	265671	Perylene-d12	24.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	92
2	Heptadecane		240	C17H36	000629-78-7	91
3	Heptacosane		380	C27H56	000593-49-7	83
4	Hexacosane		366	C26H54	000630-01-3	80
5	Docosane		310	C22H46	000629-97-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044820.D
Acq On : 16 Mar 2020 19:37
Operator : CG/JU
Sample : L1912-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-1

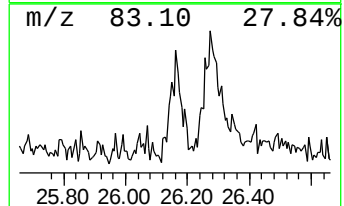
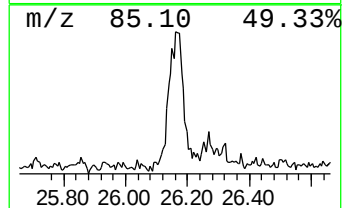
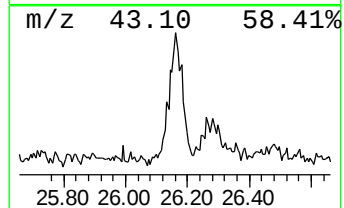
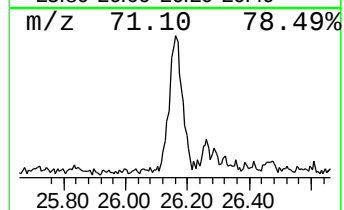
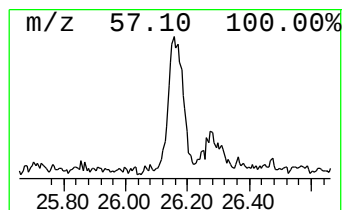
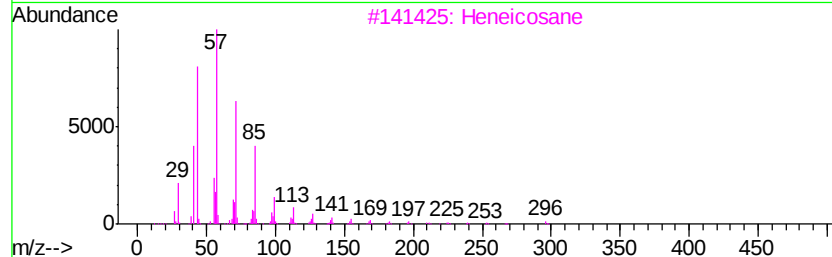
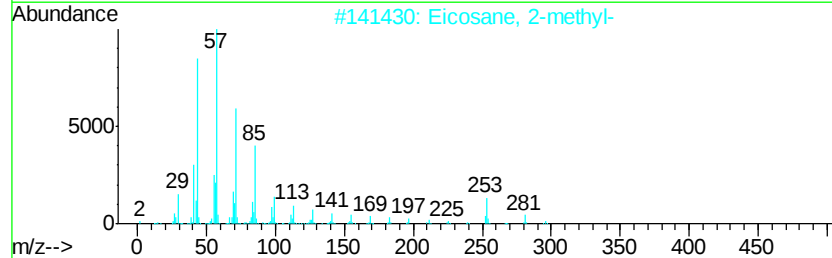
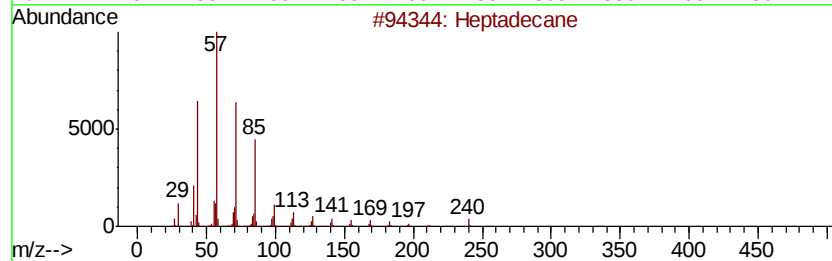
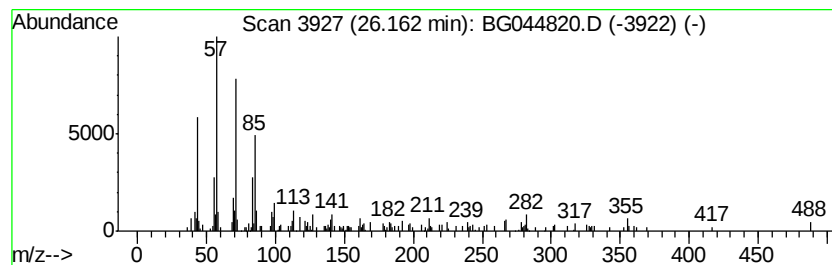
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.16	2.35 ng	184847	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	89
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	89
3		Heneicosane	296	C21H44	000629-94-7	89
4		Eicosane	282	C20H42	000112-95-8	81
5		Pentacosane	352	C25H52	000629-99-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044820.D
Acq On : 16 Mar 2020 19:37
Operator : CG/JU
Sample : L1912-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Cyclohexane	3.15	6.6 ng		211158	1	8.05	637152	20.0
Butane, 2-methoxy...	3.24	2.3 ng		73714	1	8.05	637152	20.0
n-Hexadecanoic acid	18.32	3.5 ng		267405	4	17.43	1545220	20.0
5-Eicosene, (E)-	21.36	5.7 ng		557553	5	21.70	1951800	20.0
Nonadecane	22.54	2.2 ng		213421	5	21.70	1951800	20.0
Octadecane	24.05	2.9 ng		225261	6	24.91	1571020	20.0
Heptacosane	25.02	3.4 ng		265671	6	24.91	1571020	20.0
Heptadecane	26.16	2.4 ng		184847	6	24.91	1571020	20.0