

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042383.D
 Acq On : 21 Aug 2019 14:50
 Operator : HP/JU
 Sample : K4418-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CFVP-228L

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-BG081919.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	3.130	3	7	23	rVB	662001	1065984	37.79%	6.040%
2	5.562	415	421	440	rBV	534537	899270	31.88%	5.096%
3	7.172	686	695	708	rBV	536273	985954	34.95%	5.587%
4	7.542	750	758	769	rBV	583406	1023452	36.28%	5.799%
5	8.006	829	837	847	rBV	197092	333575	11.83%	1.890%
6	8.335	885	893	900	rBV	504895	883790	31.33%	5.008%
7	8.794	964	971	988	rBV	28167	66090	2.34%	0.375%
8	9.175	1028	1036	1046	rBV	308343	588463	20.86%	3.335%
9	10.832	1308	1318	1335	rBV	227053	445109	15.78%	2.522%
10	13.282	1728	1735	1750	rBV	1053612	1732026	61.40%	9.815%
11	14.111	1867	1876	1887	rBV	95910	178030	6.31%	1.009%
12	14.663	1963	1970	1985	rVB	385050	652223	23.12%	3.696%
13	16.155	2217	2224	2237	rBV	724938	1184569	41.99%	6.712%
14	16.379	2258	2262	2264	rBV	20389	30212	1.07%	0.171%
15	16.402	2264	2266	2277	rVB4	27575	41595	1.47%	0.236%
16	16.819	2333	2337	2345	rBV4	14587	28375	1.01%	0.161%
17	17.419	2432	2439	2445	rBV2	493358	778830	27.61%	4.413%
18	17.536	2454	2459	2465	rVB3	33777	51388	1.82%	0.291%
19	18.312	2587	2591	2596	rBV4	16210	29355	1.04%	0.166%
20	19.034	2708	2714	2723	rVB	348192	469461	16.64%	2.660%
21	19.475	2782	2789	2794	rBV	23868	45344	1.61%	0.257%
22	19.522	2794	2797	2802	rVB	28507	39124	1.39%	0.222%
23	19.834	2847	2850	2858	rVB	39712	59232	2.10%	0.336%
24	20.027	2877	2883	2893	rBV	2106980	2820774	100.00%	15.984%
25	20.333	2932	2935	2940	rVB2	23925	29790	1.06%	0.169%
26	20.832	3016	3020	3024	rBV	35340	42686	1.51%	0.242%
27	21.338	3103	3106	3109	rBV	38810	48967	1.74%	0.277%
28	21.579	3144	3147	3153	rVB2	26535	35659	1.26%	0.202%
29	21.696	3160	3167	3180	rVB	603592	1088502	38.59%	6.168%
30	21.890	3196	3200	3209	rVB	61751	96145	3.41%	0.545%
31	22.507	3300	3305	3317	rVB	80717	145681	5.16%	0.826%
32	23.206	3418	3424	3437	rVB2	90560	182915	6.48%	1.036%
33	24.023	3557	3563	3572	rVB2	79096	174494	6.19%	0.989%
34	24.939	3709	3719	3736	rVB2	393848	1269803	45.02%	7.195%

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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	26.126	3919	3921	3932	rvB4	45549	100542	3.56%	0.570%
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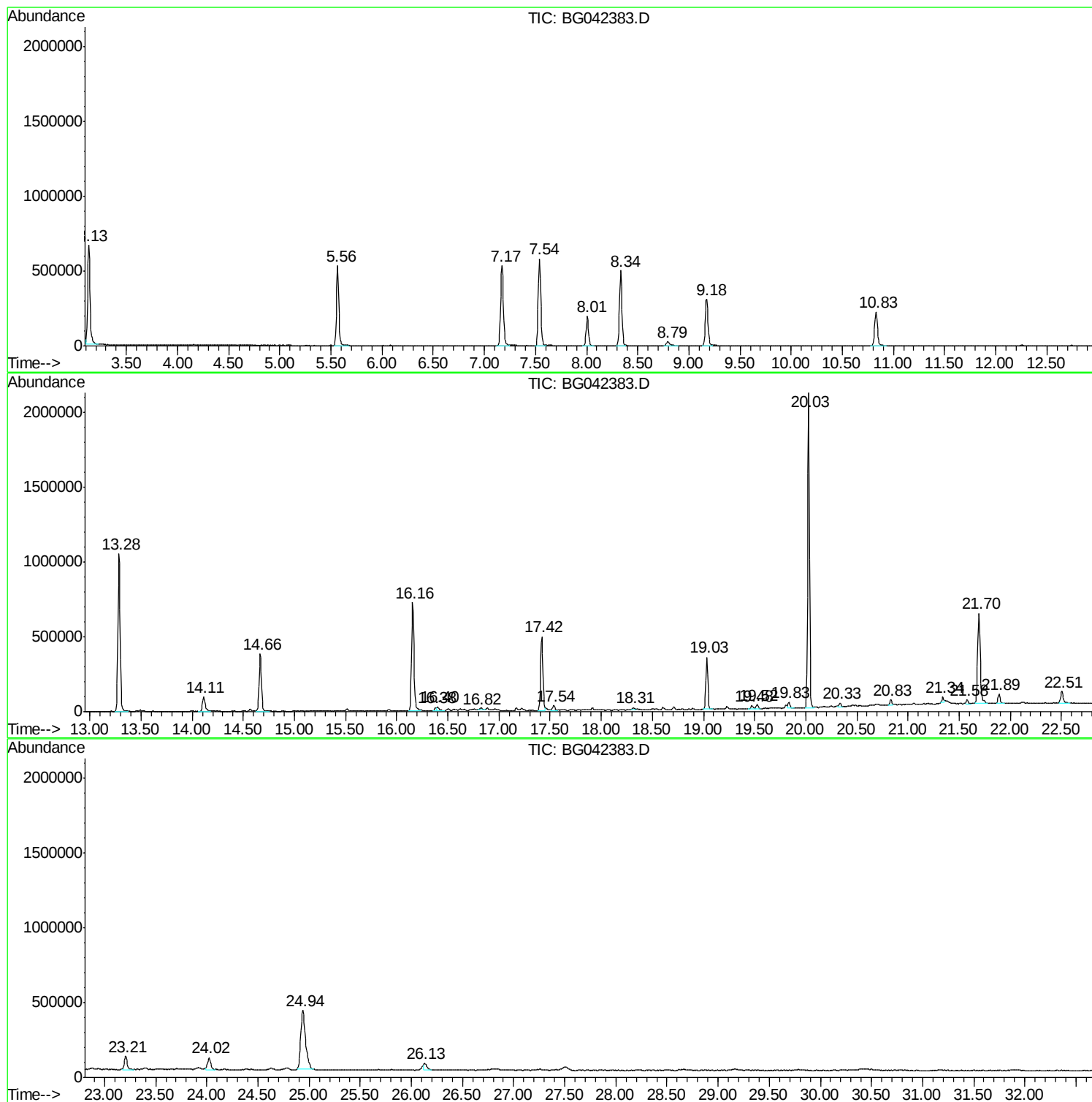
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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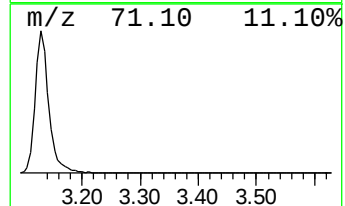
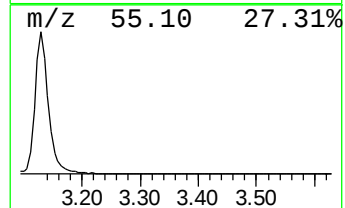
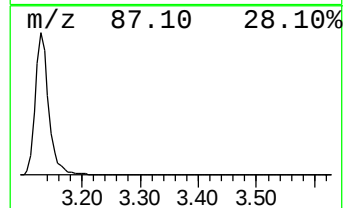
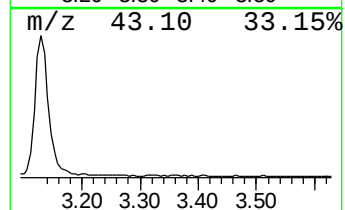
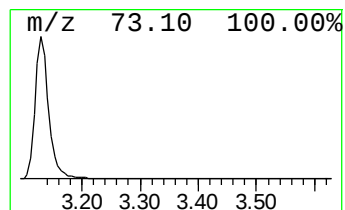
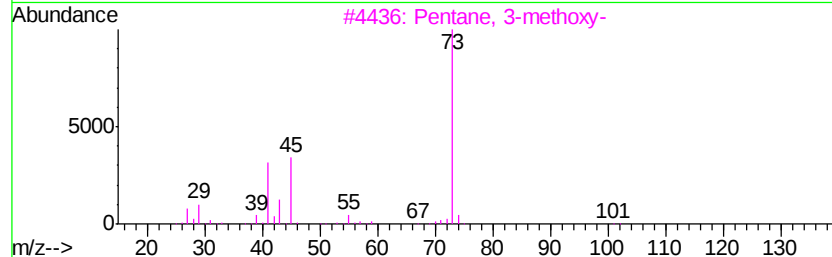
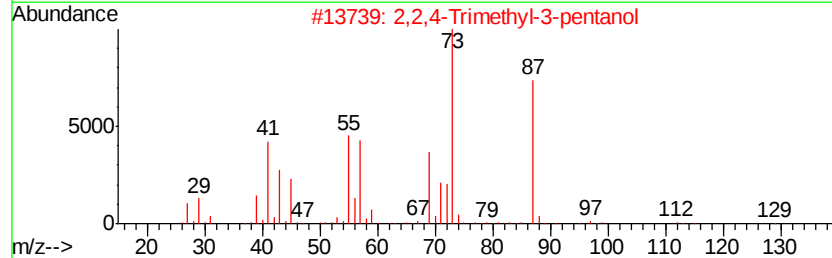
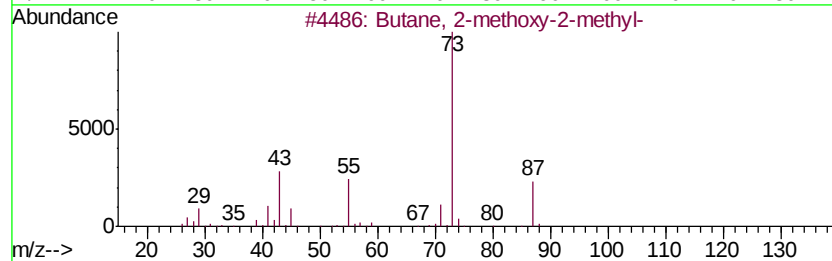
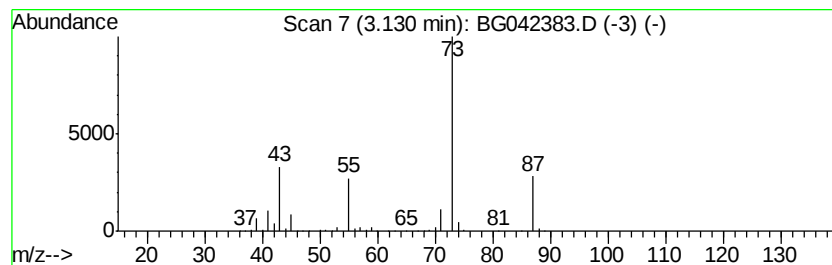
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	63.91 ng	1065980	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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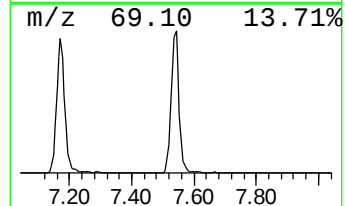
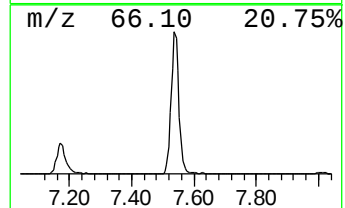
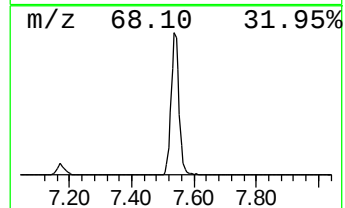
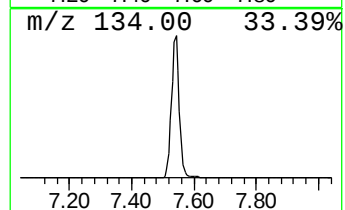
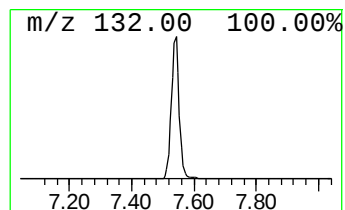
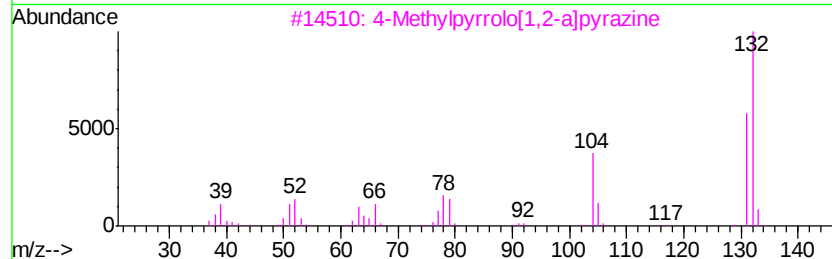
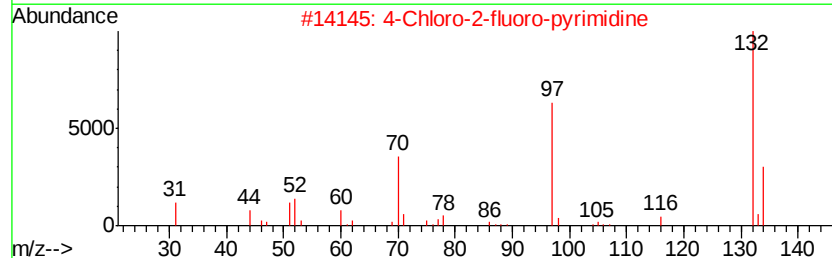
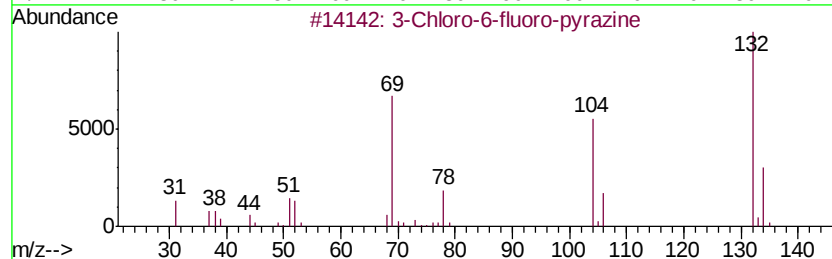
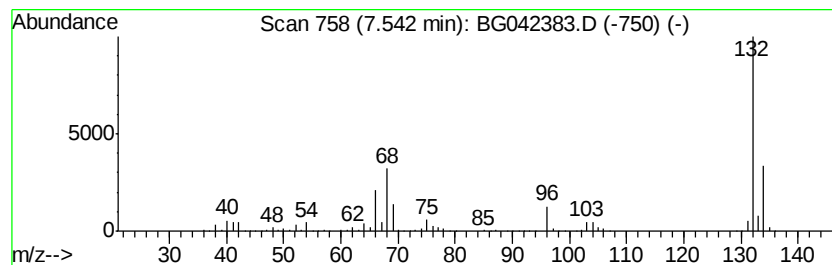
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	61.36 ng	1023450	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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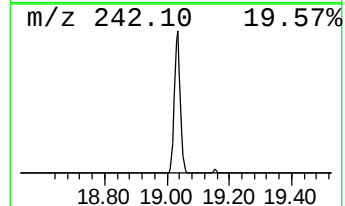
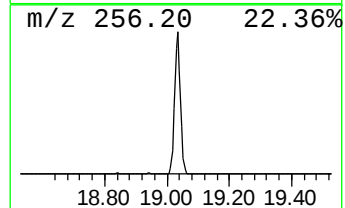
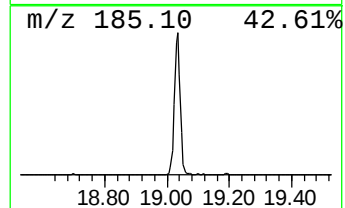
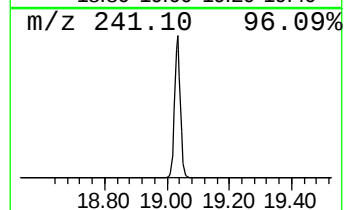
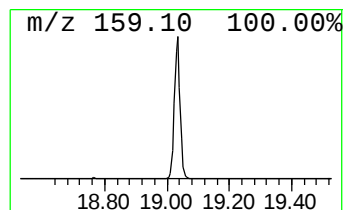
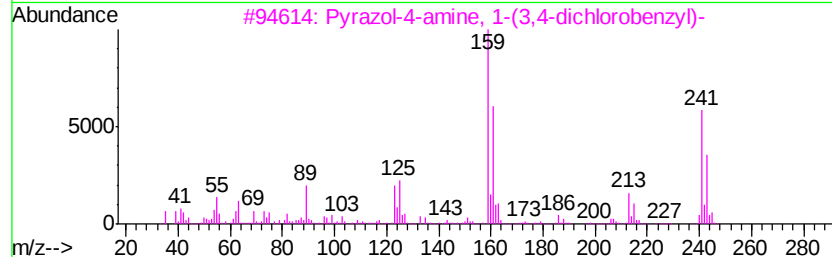
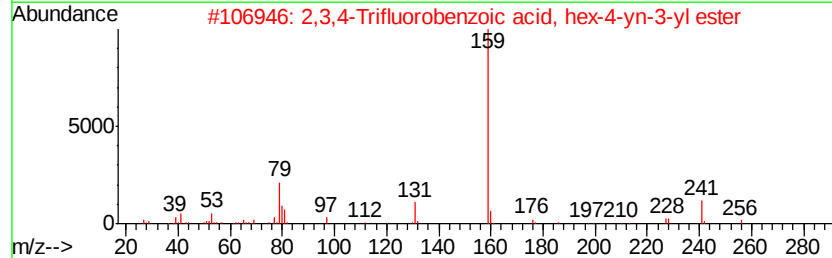
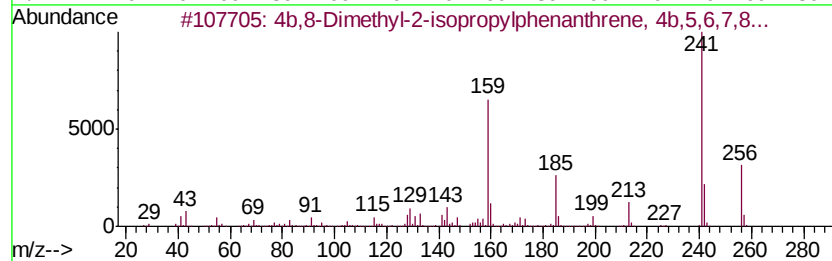
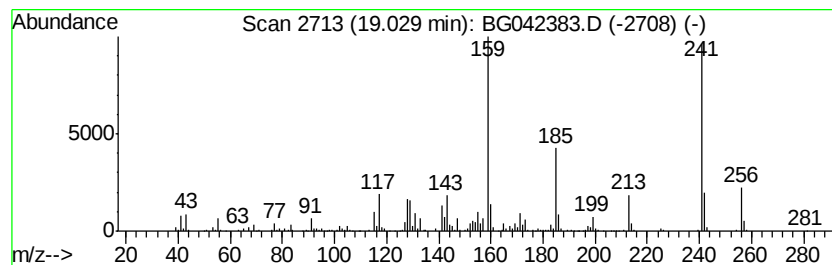
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	12.06 ng	469461	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	58
3		Pvrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	53
4		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
5		Sebacic acid, butyl 4-heptyl ester	356	C21H40O4	1000355-38-4	35



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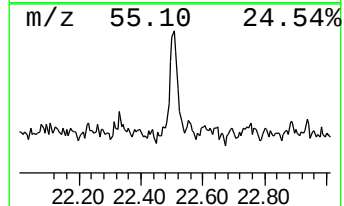
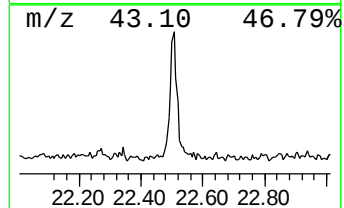
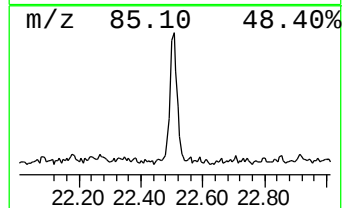
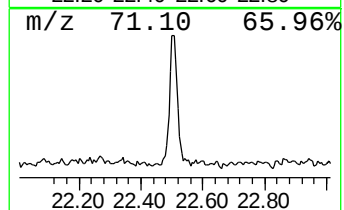
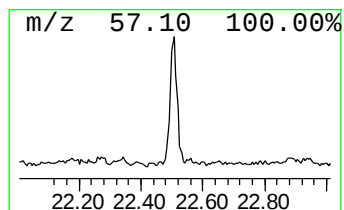
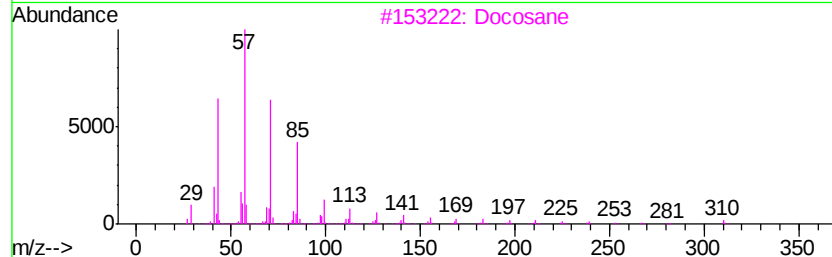
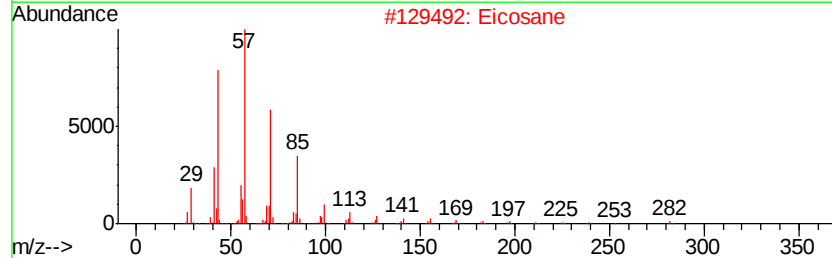
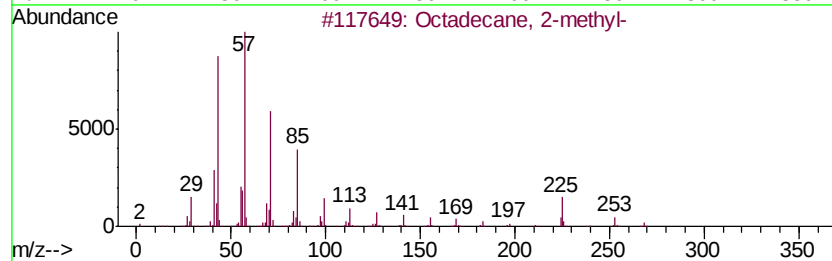
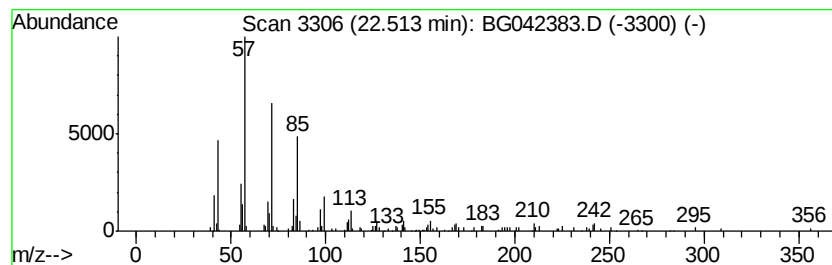
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.68 ng	145681	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Eicosane	282	C20H42	000112-95-8	92
3		Docosane	310	C22H46	000629-97-0	86
4		Tetracosane	338	C24H50	000646-31-1	72
5		Nonadecane	268	C19H40	000629-92-5	70



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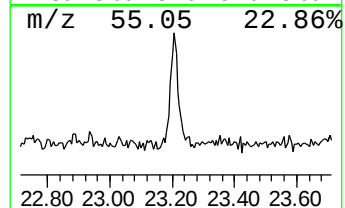
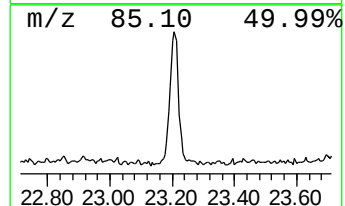
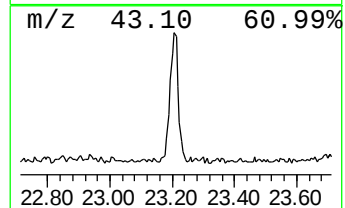
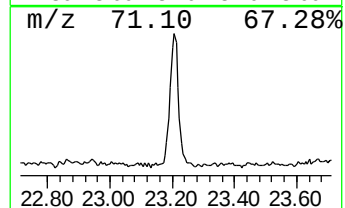
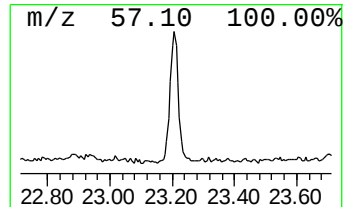
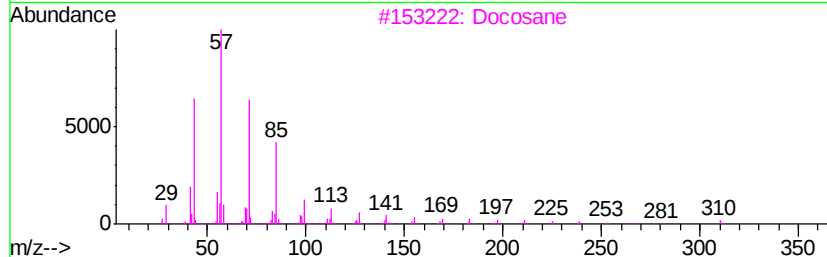
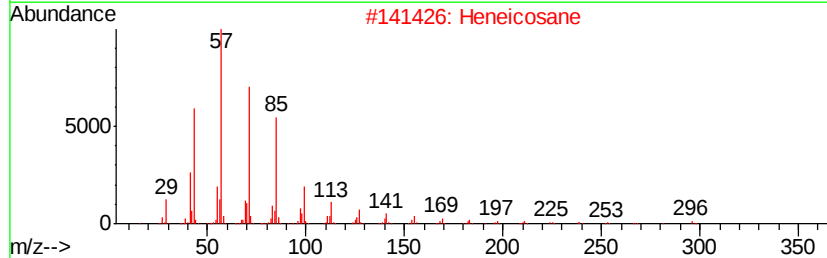
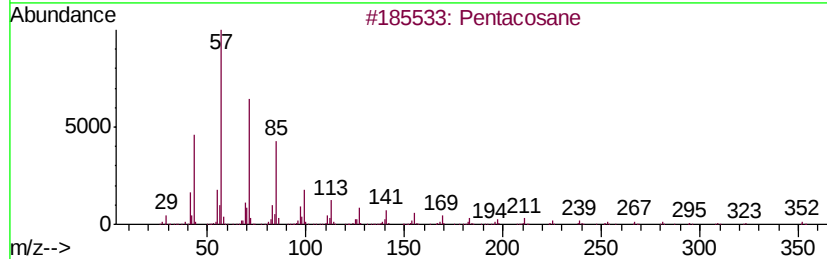
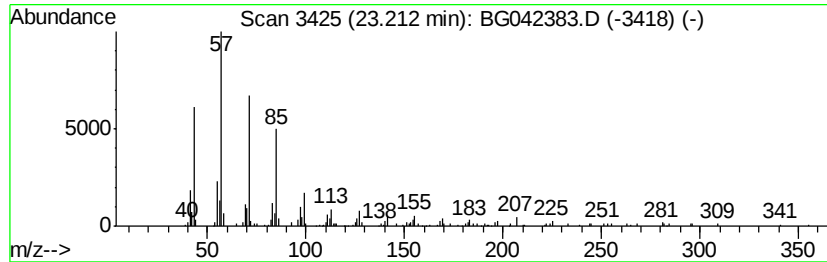
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Peak Number 6 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	3.36 ng	182915	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane	310	C22H46	000629-97-0	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042383.D
Acq On : 21 Aug 2019 14:50
Operator : HP/JU
Sample : K4418-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CFVP-228L

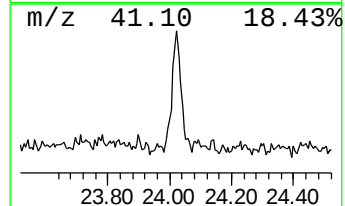
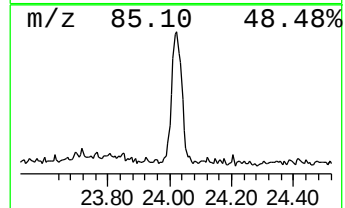
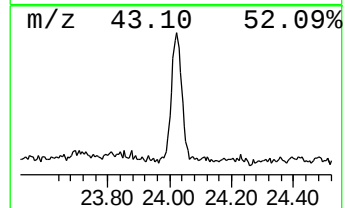
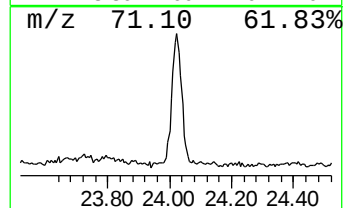
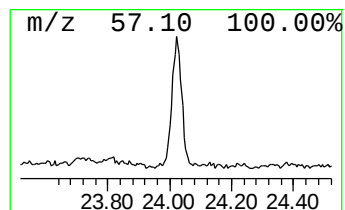
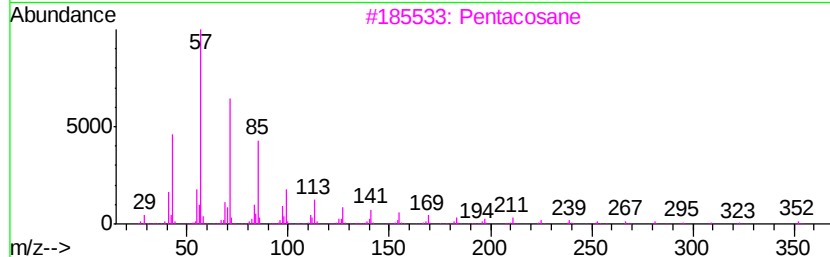
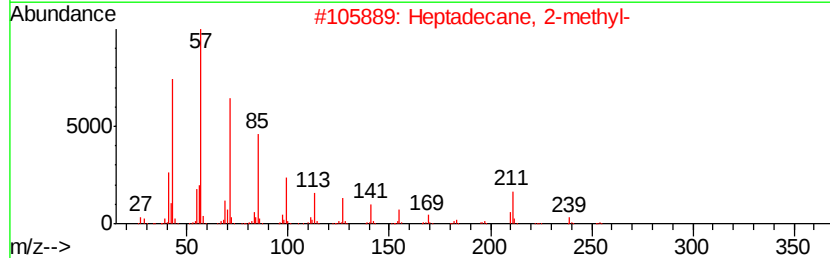
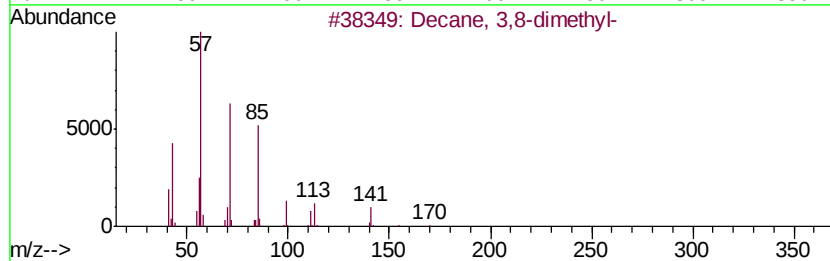
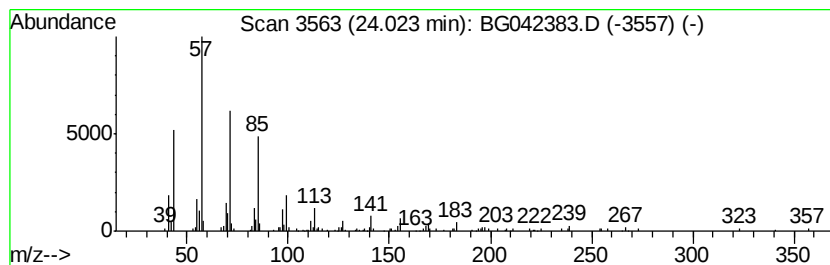
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.75 ng	174494	Perylene-d12	24.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	91
2	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	91
3	Pentacosane		352	C25H52	000629-99-2	87
4	Docosane		310	C22H46	000629-97-0	87
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082119\
Data File : BG042383.D
Acq On : 21 Aug 2019 14:50
Operator : HP/JU
Sample : K4418-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CFVP-228L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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...	3.13	63.9	ng	1065980	1	8.01	333575	20.0
unknown7.54	7.54	61.4	ng	1023450	1	8.01	333575	20.0
4b,8-Dimethyl-2-i...	19.03	12.1	ng	469461	4	17.42	778830	20.0
Octadecane, 2-met...	22.51	2.7	ng	145681	5	21.70	1088500	20.0
Pentacosane	23.21	3.4	ng	182915	5	21.70	1088500	20.0
Decane, 3,8-dimet...	24.02	2.8	ng	174494	6	24.94	1269800	20.0