

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040851.D
 Acq On : 10 May 2019 14:42
 Operator : HP/JU
 Sample : K2764-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0612-01

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-BG042319.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	3.153	6	11	20	rBV	127098	233574	4.72%	0.766%
2	3.229	20	24	32	rVB	251571	325810	6.58%	1.068%
3	5.673	433	440	449	rBV	1270389	2009628	40.57%	6.588%
4	7.283	706	714	723	rBV	1419564	2452465	49.51%	8.040%
5	7.665	771	779	789	rVB	1326715	2285502	46.14%	7.492%
6	8.141	854	860	870	rBV	259827	438870	8.86%	1.439%
7	8.464	907	915	923	rBV	935957	1656857	33.45%	5.431%
8	9.322	1052	1061	1073	rBV	873707	1573721	31.77%	5.159%
9	10.967	1332	1341	1351	rBV	361157	652724	13.18%	2.140%
10	13.394	1746	1754	1765	rBV	2218686	3465196	69.96%	11.360%
11	14.211	1886	1893	1899	rBV	277013	391507	7.90%	1.283%
12	14.769	1980	1988	1996	rBV2	595459	981474	19.82%	3.217%
13	16.255	2234	2241	2250	rBV	2046895	3111197	62.81%	10.199%
14	17.513	2449	2455	2461	rBV	808630	1236321	24.96%	4.053%
15	18.364	2594	2600	2609	rBV	366366	565723	11.42%	1.855%
16	19.493	2787	2792	2794	rBV2	70719	101617	2.05%	0.333%
17	19.628	2811	2815	2823	rBV	200252	289511	5.85%	0.949%
18	19.916	2860	2864	2869	rVB	57126	85681	1.73%	0.281%
19	20.109	2890	2897	2905	rBV	3695375	4953085	100.00%	16.237%
20	20.380	2936	2943	2950	rVB	24974	62128	1.25%	0.204%
21	21.402	3112	3117	3123	rBV5	87000	176954	3.57%	0.580%
22	21.796	3176	3184	3200	rBV2	776959	1430286	28.88%	4.689%
23	22.636	3323	3327	3337	rVB10	46157	101778	2.05%	0.334%
24	23.294	3433	3439	3449	rVB2	95301	199708	4.03%	0.655%
25	23.670	3498	3503	3510	rVB2	34157	75571	1.53%	0.248%
26	24.128	3575	3581	3590	rVB4	78892	187717	3.79%	0.615%
27	25.156	3744	3756	3774	rVB	389965	1280660	25.86%	4.198%
28	26.296	3943	3950	3961	rVB3	58747	179426	3.62%	0.588%

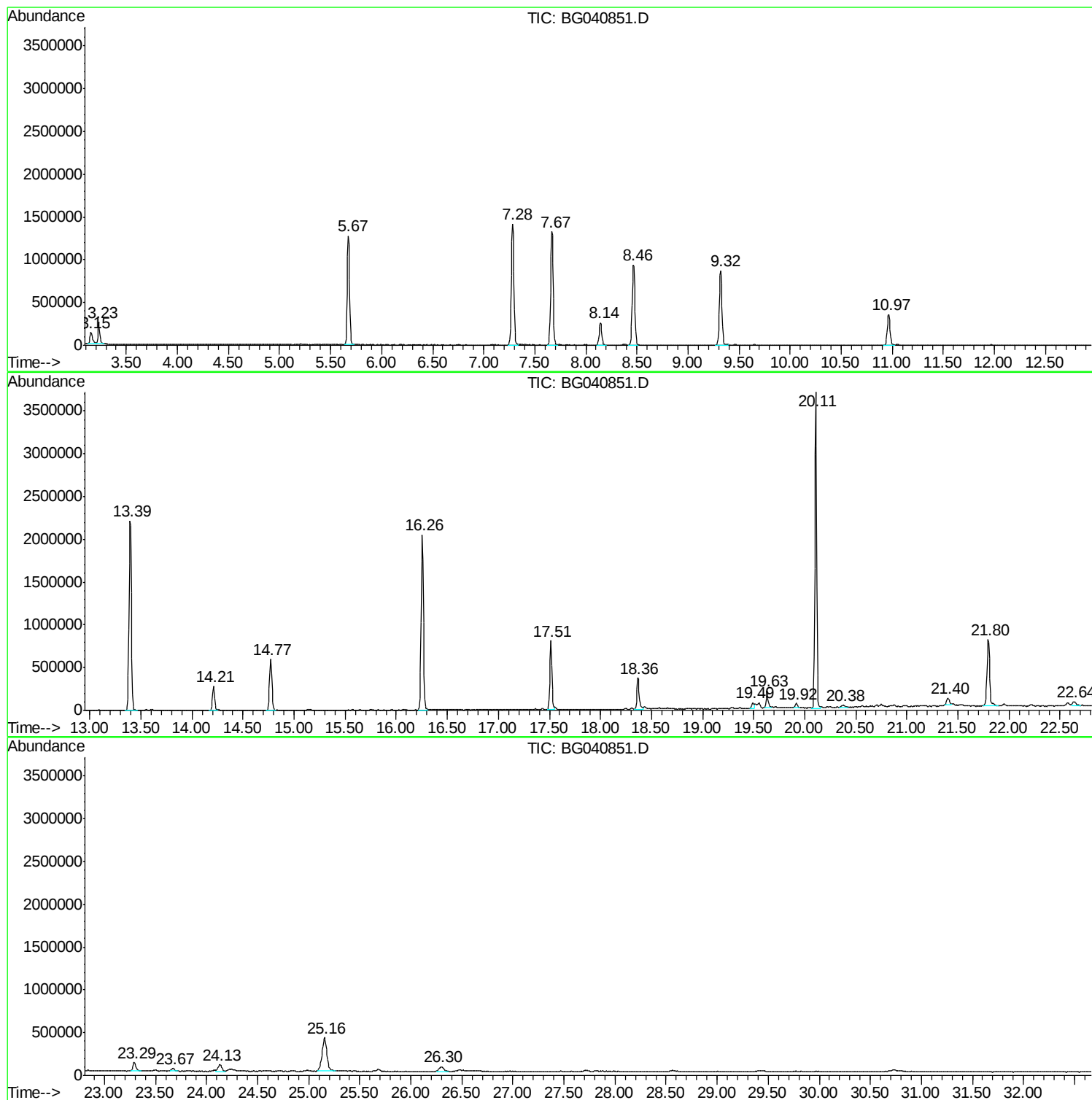
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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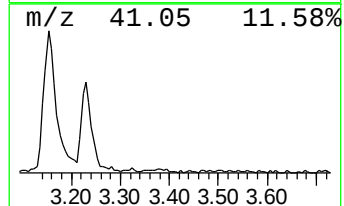
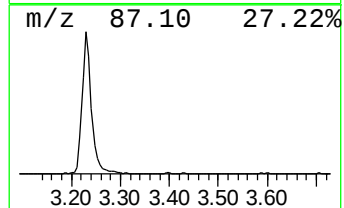
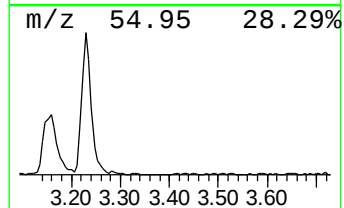
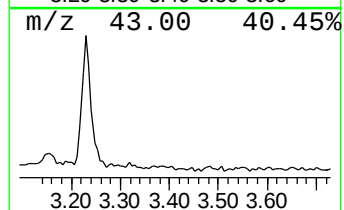
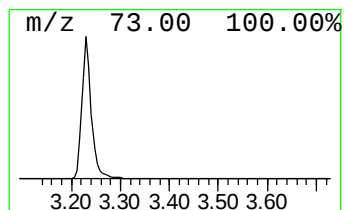
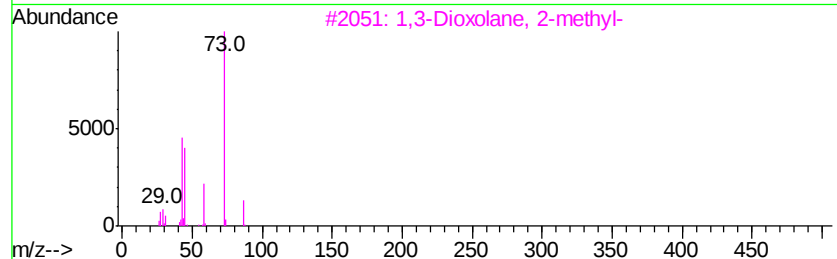
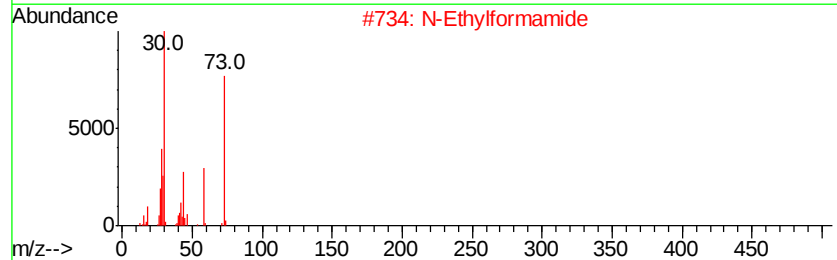
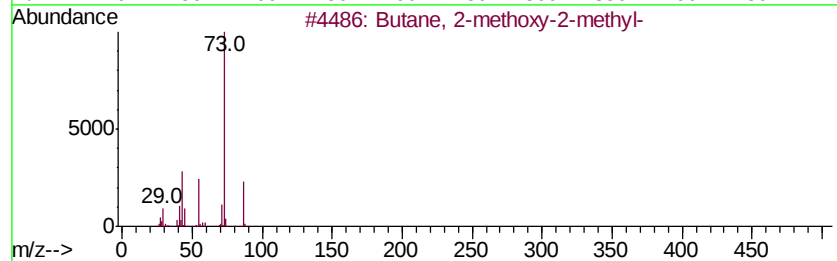
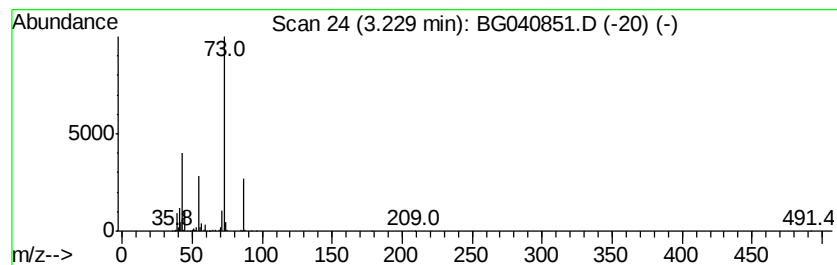
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	14.85 ng	325810	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Butanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	032793-34-3	9



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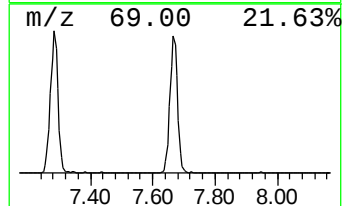
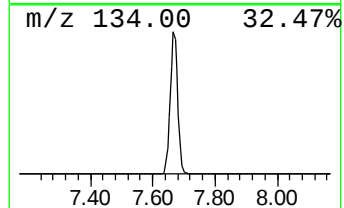
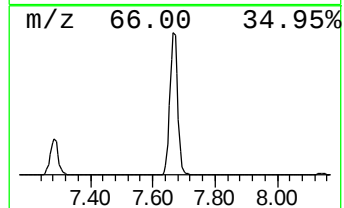
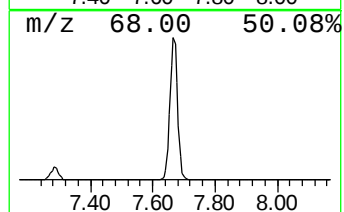
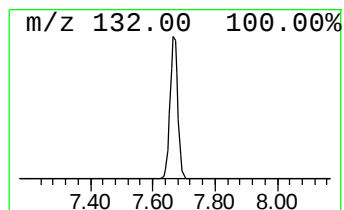
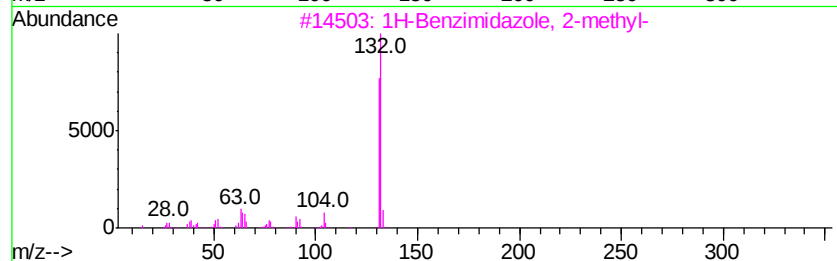
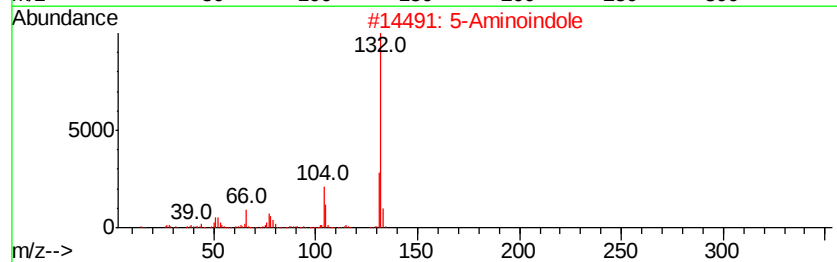
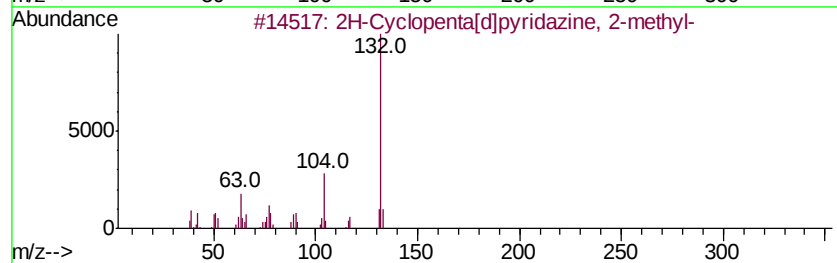
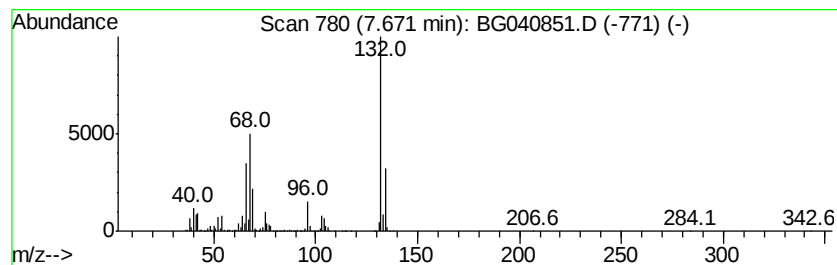
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	104.15 ng	2285500	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13



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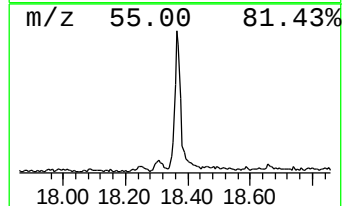
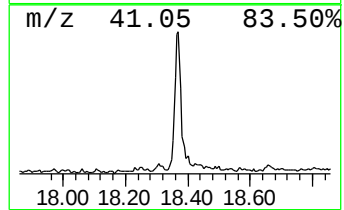
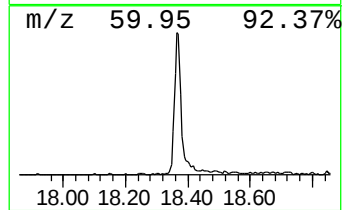
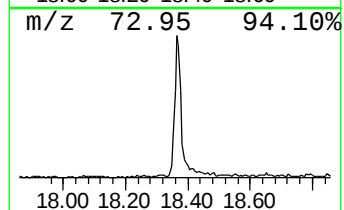
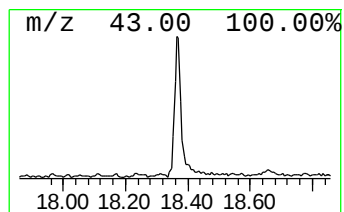
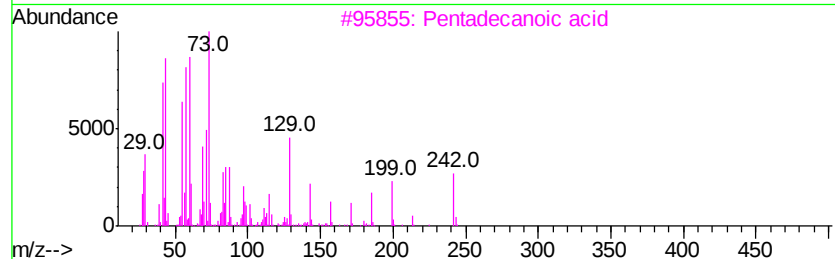
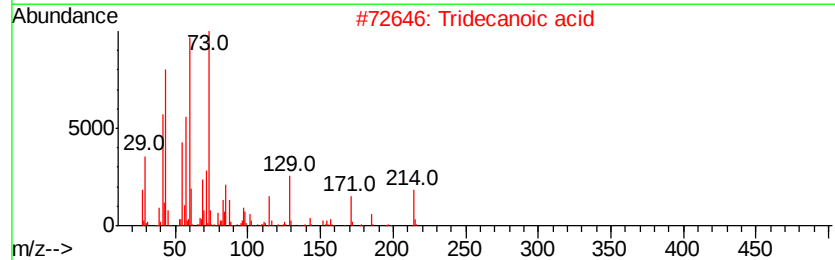
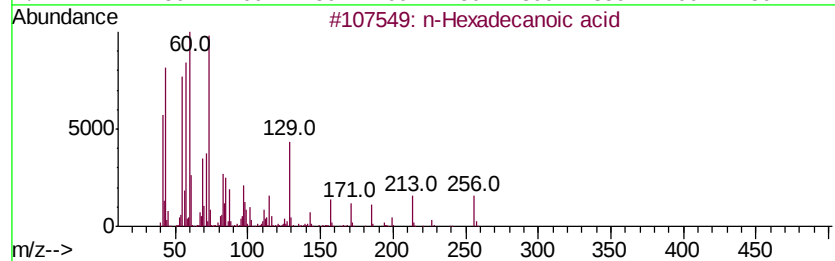
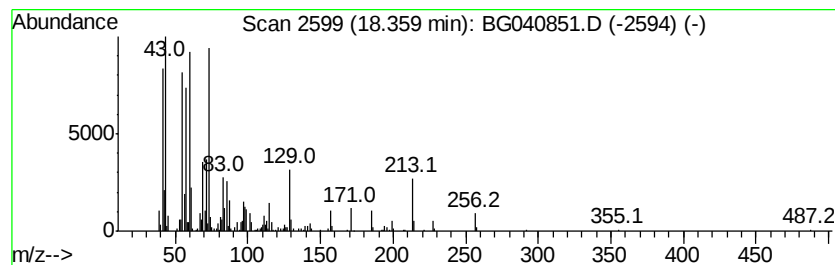
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	9.15 ng	565723	Phenanthrene-d10	17.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	60
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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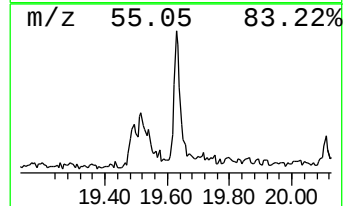
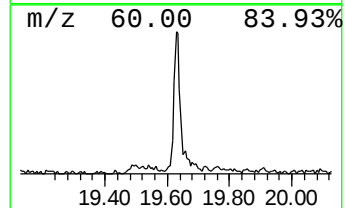
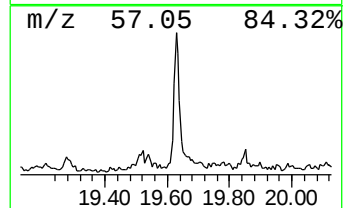
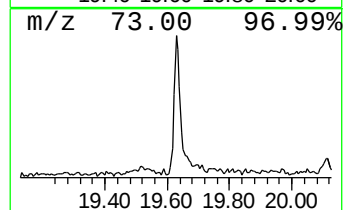
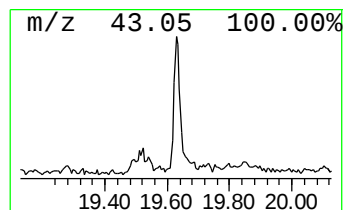
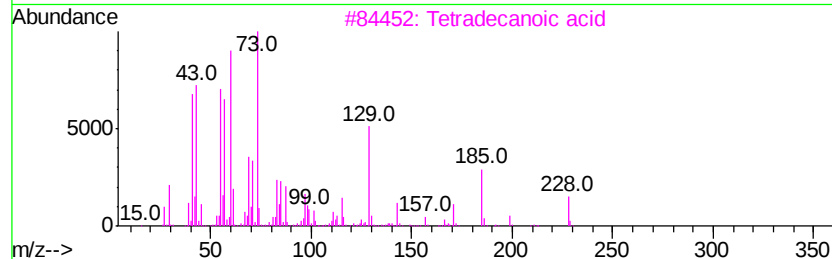
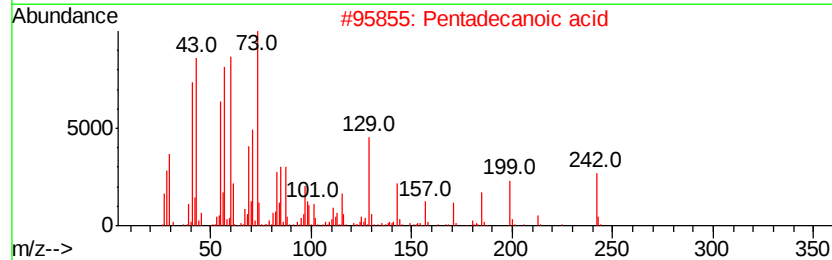
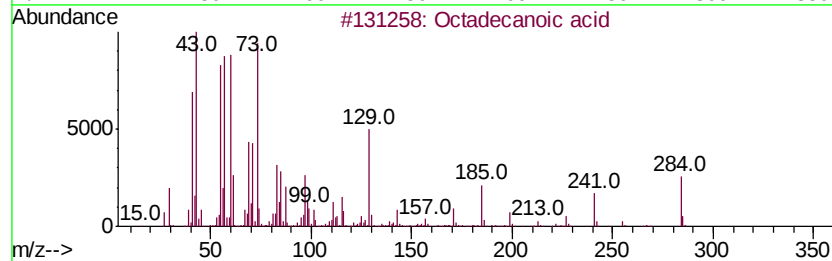
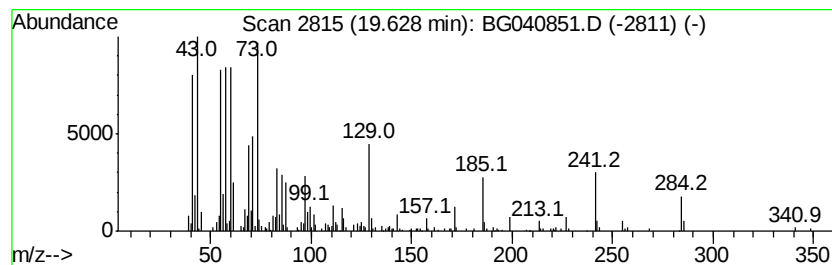
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Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	4.68 ng	289511	Phenanthrene-d10	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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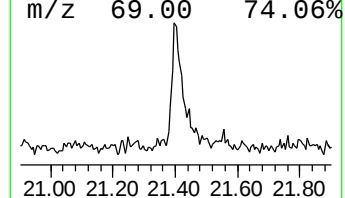
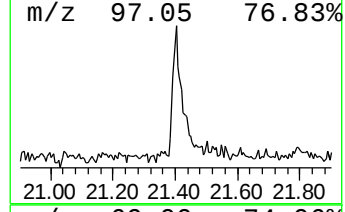
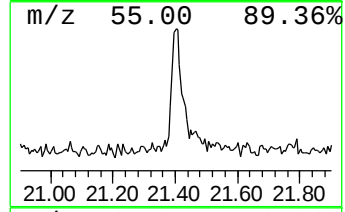
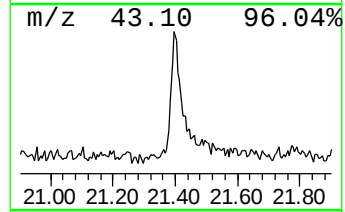
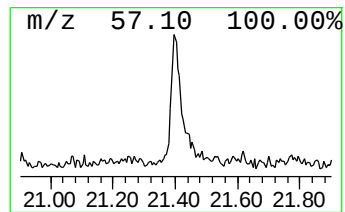
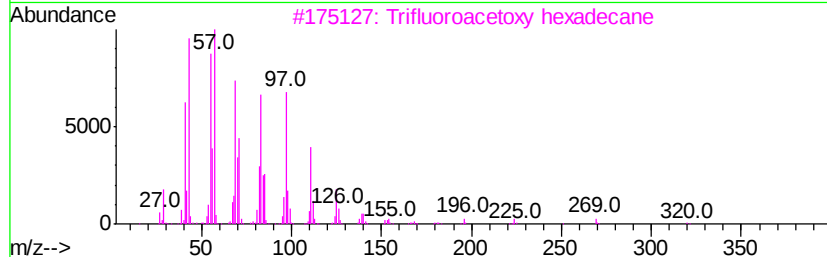
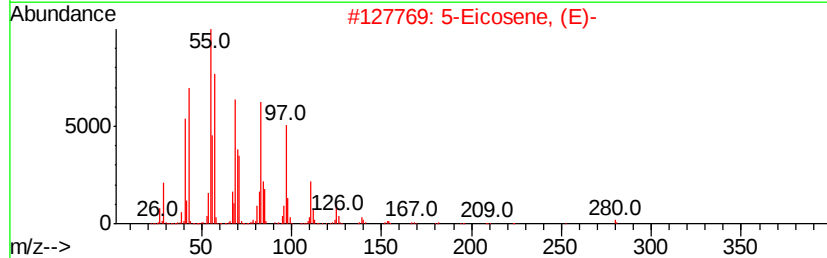
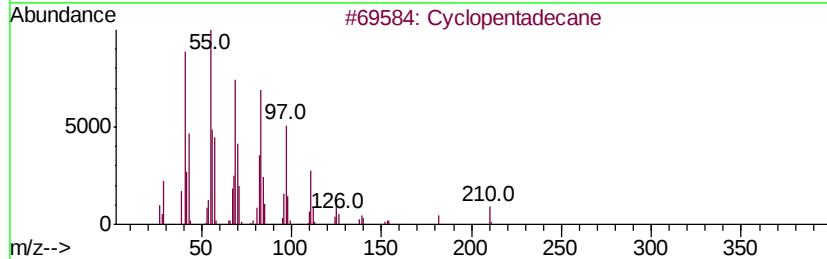
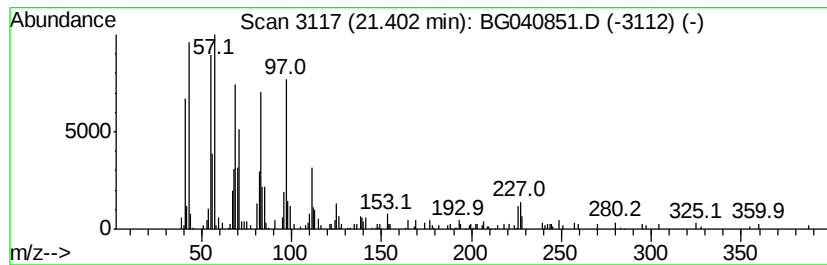
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Peak Number 7 Cyclopentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.47 ng	176954	Chrysene-d12	21.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 95
2		5-Eicosene, (E)-	280 C20H40	074685-30-6 95
3		Trifluoroacetoxv hexadecane	338 C18H33F3O2	006222-03-3 93
4		Cycloeicosane	280 C20H40	000296-56-0 91
5		9-Eicosene, (E)-	280 C20H40	074685-29-3 90



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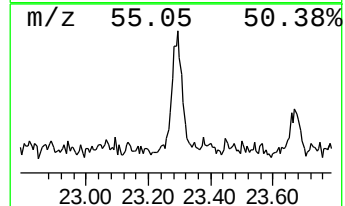
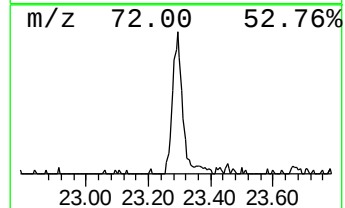
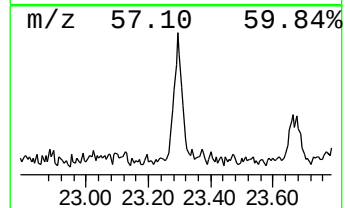
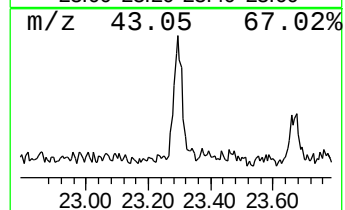
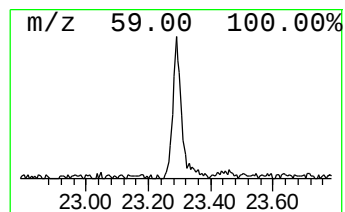
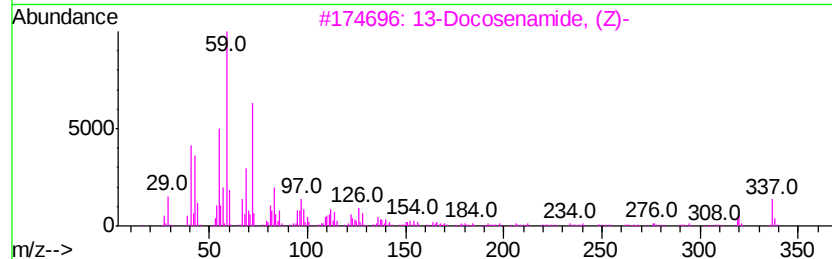
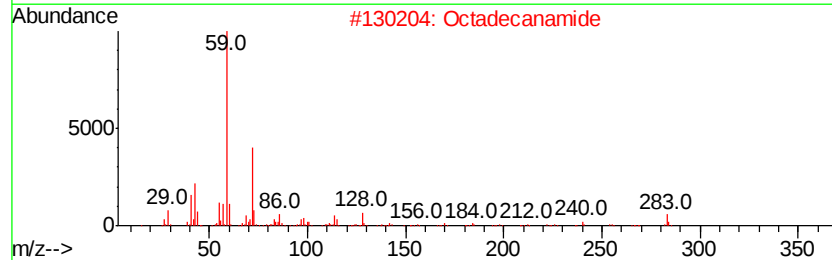
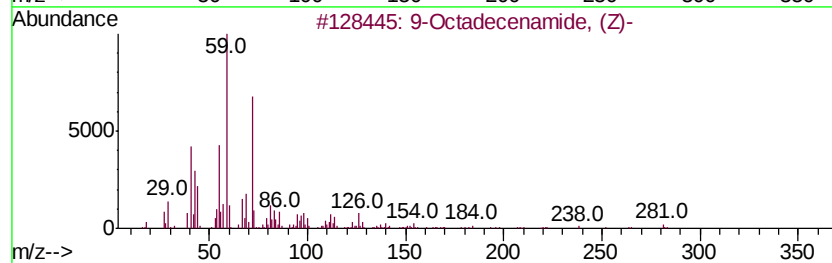
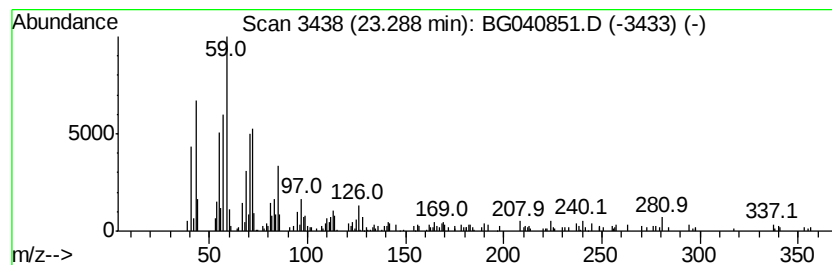
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.79 ng	199708	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2		Octadecanamide	283	C18H37NO	000124-26-5	53
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	52
4		Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	35
5		Butanal, 2-ethyl-3-methyl-	114	C7H14O	026254-92-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040851.D
Acq On : 10 May 2019 14:42
Operator : HP/JU
Sample : K2764-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

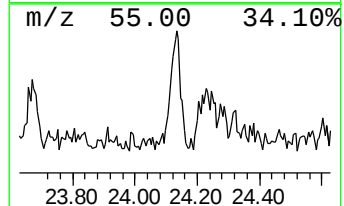
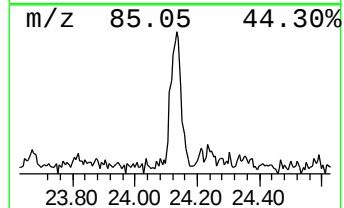
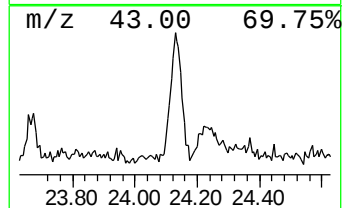
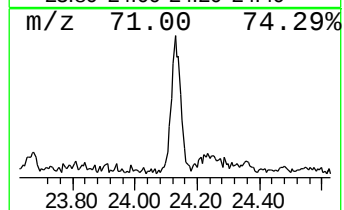
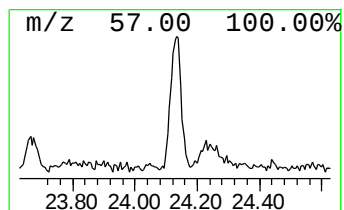
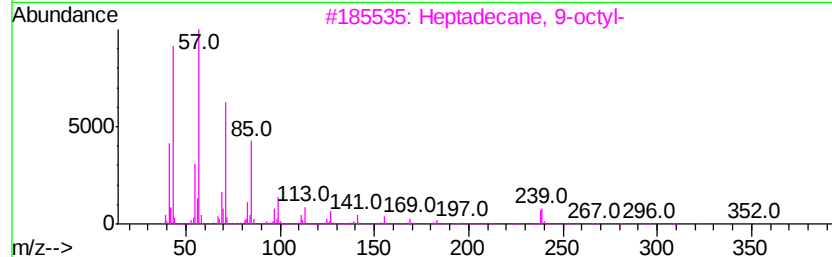
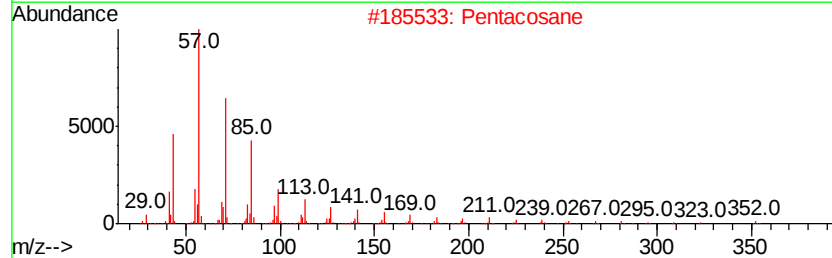
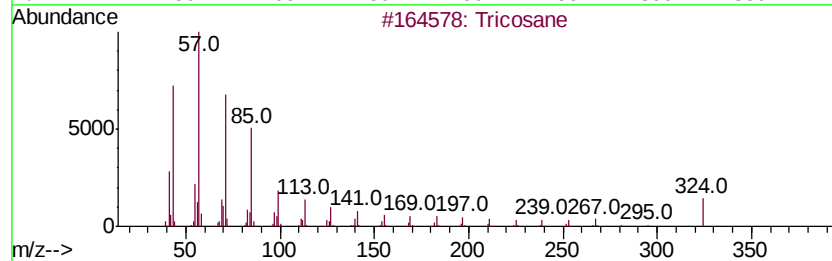
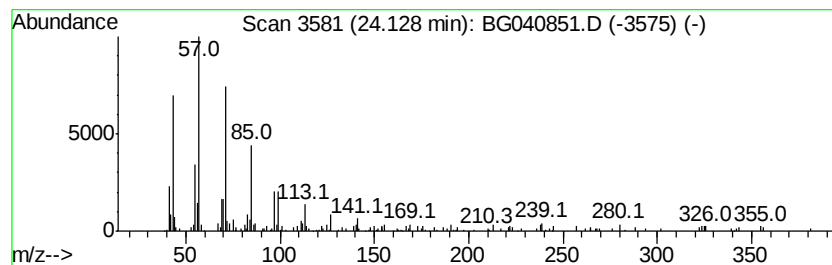
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ClientSampleId :
P021-SS009-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.93 ng	187717	Perylene-d12	25.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tricosane	324 C23H48	000638-67-5	90
2	Pentacosane	352 C25H52	000629-99-2	83
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	80
4	Hexadecane	226 C16H34	000544-76-3	80
5	2-Bromotetradecane	276 C14H29Br	074036-95-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040851.D
Acq On : 10 May 2019 14:42
Operator : HP/JU
Sample : K2764-07
Misc :
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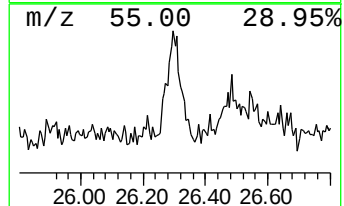
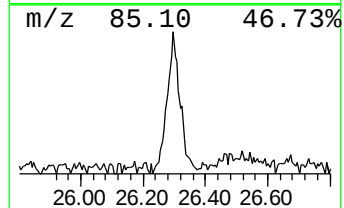
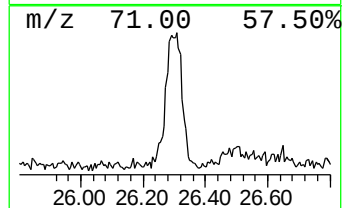
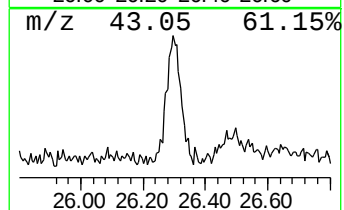
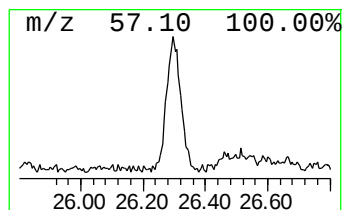
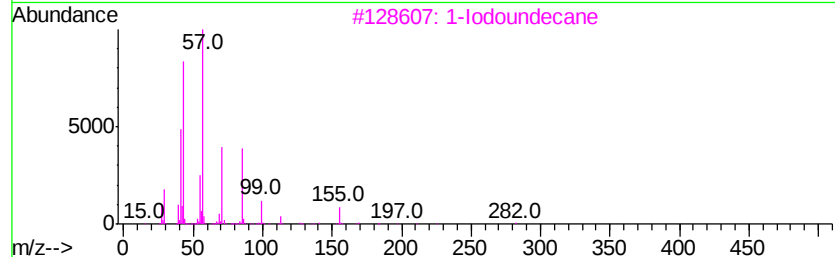
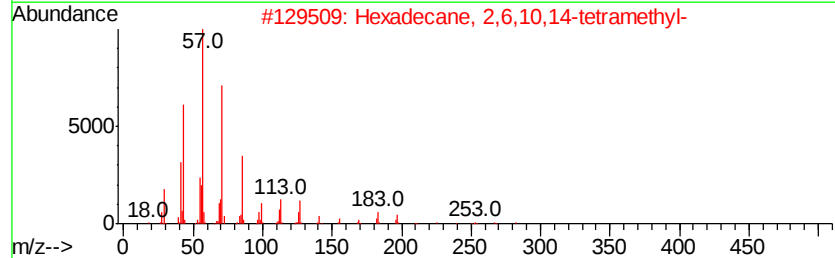
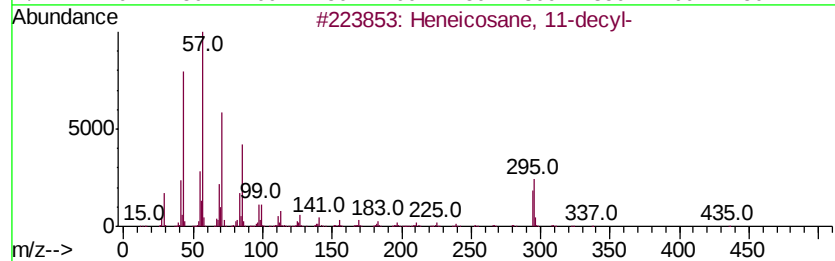
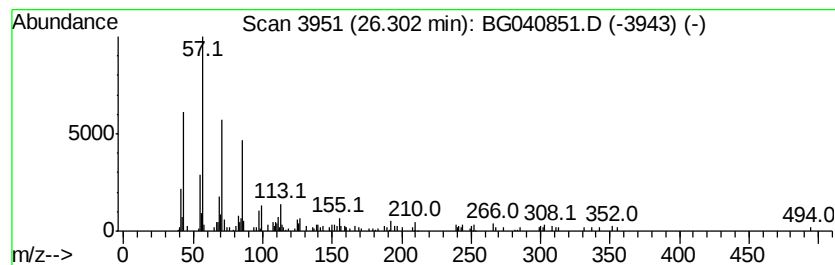
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.30	2.80 ng	179426	Perylene-d12	25.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	1-Iodoundecane	282	C11H23I	004282-44-4	76
4	Pentacosane	352	C25H52	000629-99-2	70
5	Hentriacontane	437	C31H64	000630-04-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040851.D
Acq On : 10 May 2019 14:42
Operator : HP/JU
Sample : K2764-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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...	3.23	14.9	ng	325810	1	8.14	438870	20.0
unknown7.67	7.67	104.2	ng	2285500	1	8.14	438870	20.0
n-Hexadecanoic acid	18.36	9.2	ng	565723	4	17.51	1236320	20.0
Octadecanoic acid	19.63	4.7	ng	289511	4	17.51	1236320	20.0
Cyclopentadecane	21.40	2.5	ng	176954	5	21.80	1430290	20.0
9-Octadecenamide,...	23.29	2.8	ng	199708	5	21.80	1430290	20.0
Tricosane	24.13	2.9	ng	187717	6	25.16	1280660	20.0
Heneicosane, 11-d...	26.30	2.8	ng	179426	6	25.16	1280660	20.0