

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043251.D
 Acq On : 16 Oct 2019 18:57
 Operator : JU
 Sample : K5374-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-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-BG092519.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	3.152	4	11	19	rBV	59954	138558	3.78%	0.702%
2	3.228	19	24	36	rVB	157893	261683	7.15%	1.327%
3	5.631	426	433	449	rBV	735174	1289162	35.21%	6.535%
4	7.223	696	704	721	rBV	772417	1498237	40.92%	7.595%
5	7.588	759	766	778	rBV	800352	1428781	39.02%	7.243%
6	8.052	839	845	852	rBV	171711	300163	8.20%	1.522%
7	8.375	892	900	913	rBV	624091	1122142	30.64%	5.689%
8	9.209	1034	1042	1060	rBV	423199	872559	23.83%	4.423%
9	10.854	1315	1322	1334	rBV	173219	369429	10.09%	1.873%
10	13.299	1731	1738	1759	rBV	1250474	2109832	57.62%	10.696%
11	14.121	1872	1878	1890	rBV	215274	361009	9.86%	1.830%
12	14.673	1965	1972	1984	rBV2	332726	569889	15.56%	2.889%
13	16.166	2216	2226	2245	rBV	1155303	1987998	54.29%	10.078%
14	17.423	2433	2440	2455	rBV	428750	759373	20.74%	3.850%
15	17.541	2455	2460	2469	rVB9	22879	45534	1.24%	0.231%
16	18.310	2586	2591	2600	rBV2	44689	82310	2.25%	0.417%
17	19.480	2784	2790	2794	rBV	25321	41565	1.14%	0.211%
18	19.838	2848	2851	2859	rVB3	27389	37713	1.03%	0.191%
19	20.032	2878	2884	2899	rBV	2594871	3661758	100.00%	18.563%
20	21.336	3101	3106	3116	rBV3	92152	183775	5.02%	0.932%
21	21.413	3117	3119	3127	rVB4	18471	38799	1.06%	0.197%
22	21.695	3160	3167	3184	rVB2	512027	977571	26.70%	4.956%
23	21.883	3193	3199	3204	rBV2	31476	47766	1.30%	0.242%
24	22.494	3299	3303	3308	rBV4	36915	61428	1.68%	0.311%
25	23.187	3415	3421	3427	rVB3	34026	72434	1.98%	0.367%
26	23.375	3448	3453	3459	rBV2	24751	46709	1.28%	0.237%
27	23.539	3474	3481	3488	rVB10	27036	61272	1.67%	0.311%
28	23.992	3552	3558	3564	rVB4	44439	97166	2.65%	0.493%
29	24.926	3703	3717	3730	rBV2	331083	1082344	29.56%	5.487%
30	26.084	3905	3914	3922	rVB4	38543	118751	3.24%	0.602%

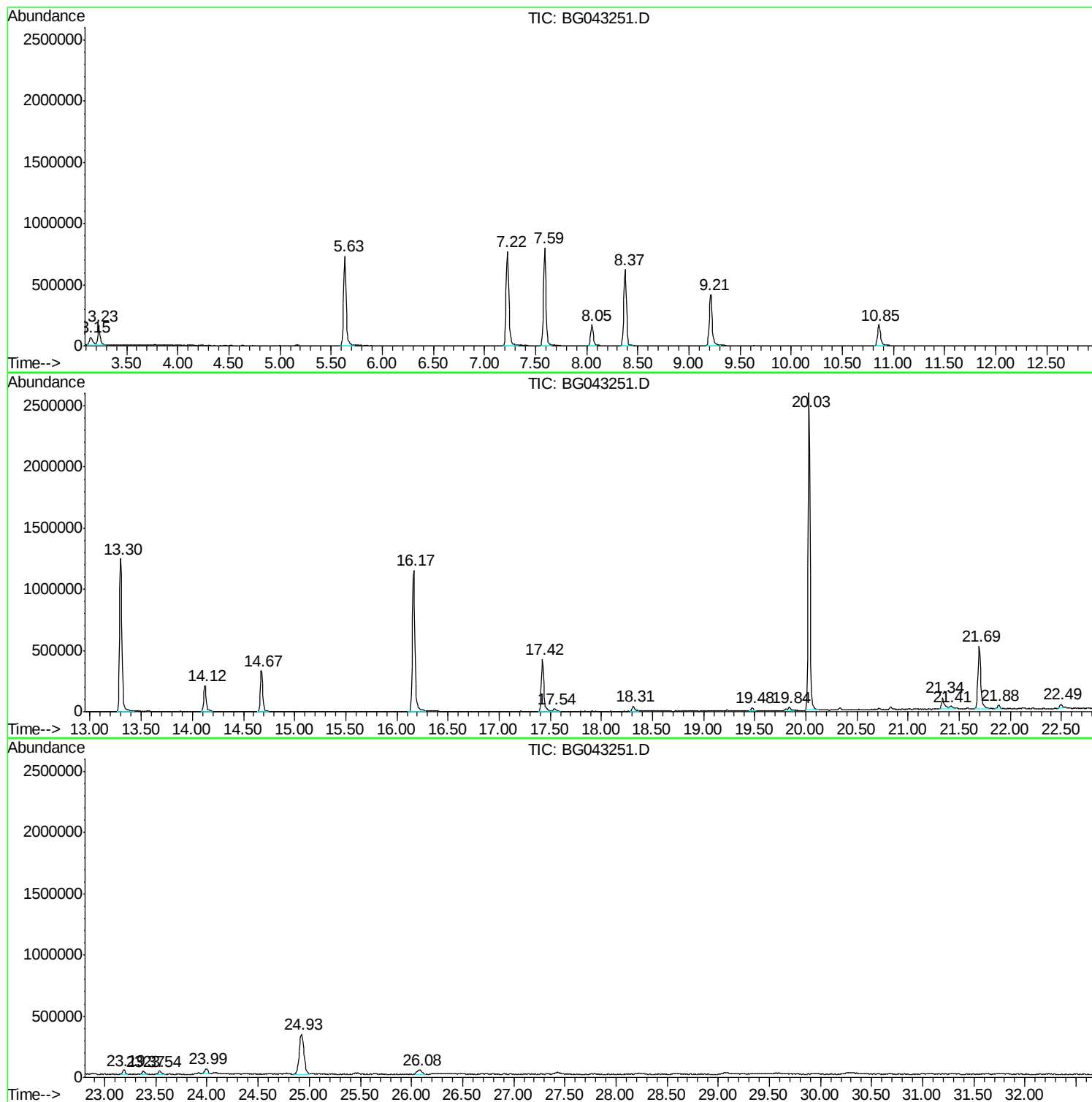
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampled :
STOCK-PILE-1

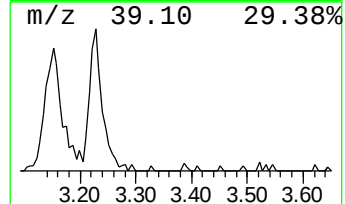
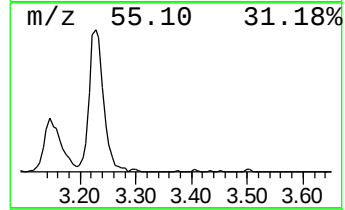
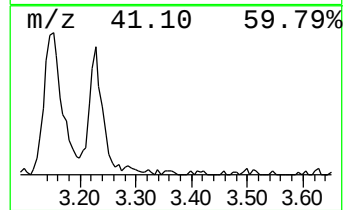
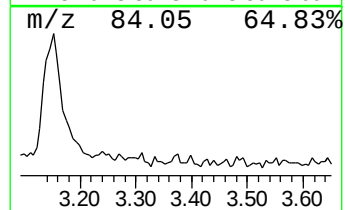
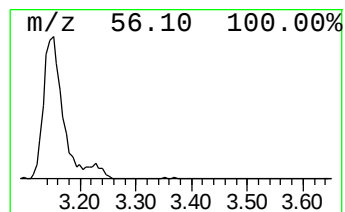
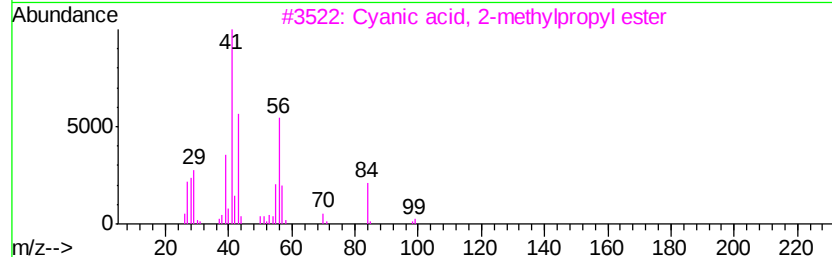
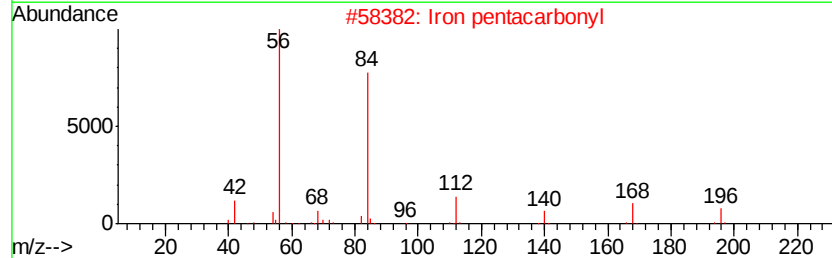
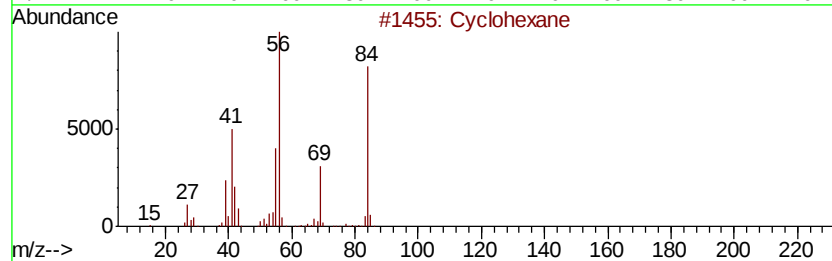
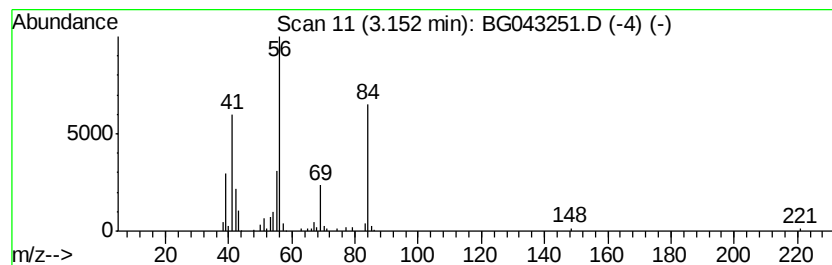
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Iron pentacarbonyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	9.23 ng	138558	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		Iron pentacarbonyl	196	C5FeO5	013463-40-6	56
3		Cvanic acid, 2-methvlpropvl ester	99	C5H9NO	001768-25-8	45
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5		Cyclobutane	56	C4H8	000287-23-0	43



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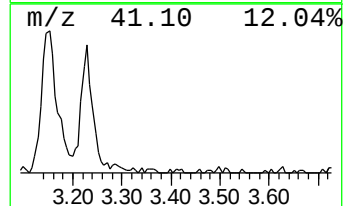
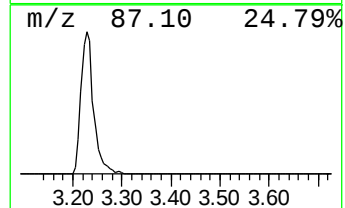
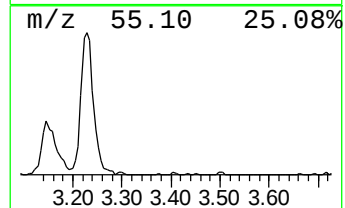
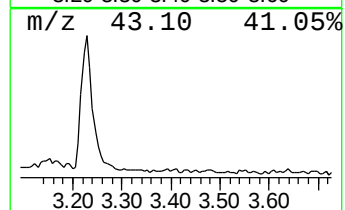
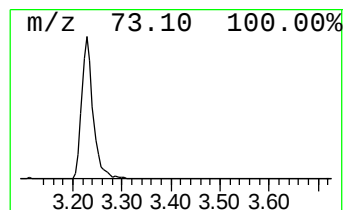
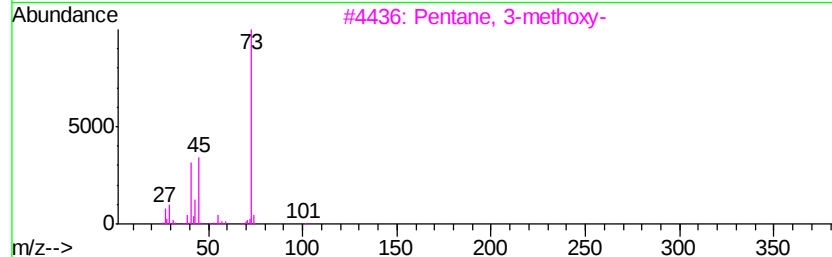
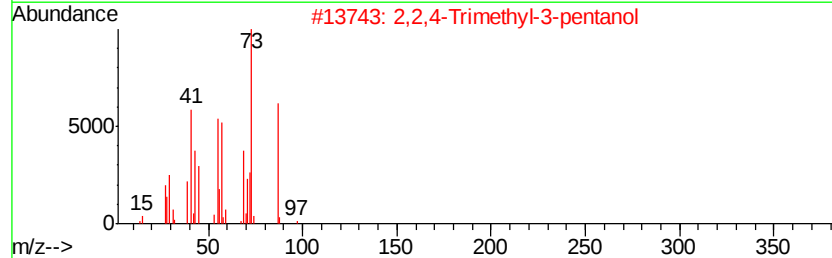
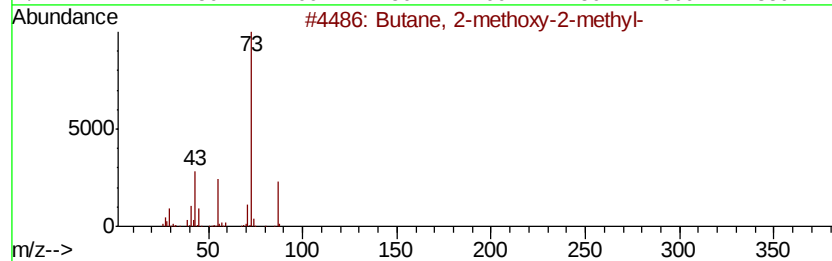
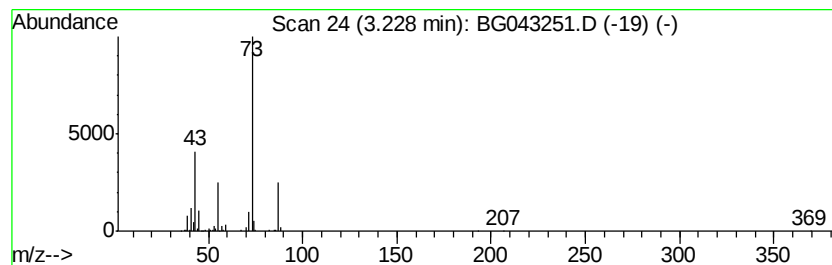
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	17.44 ng	261683	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	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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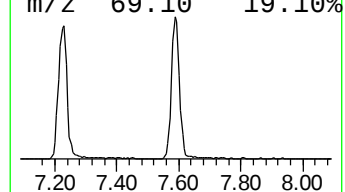
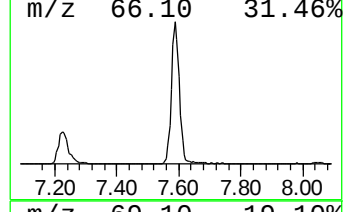
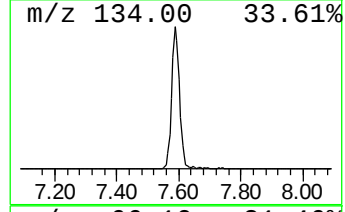
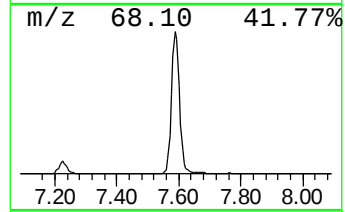
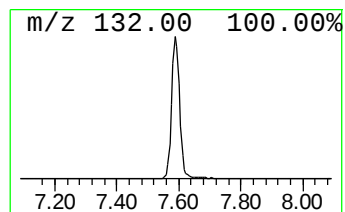
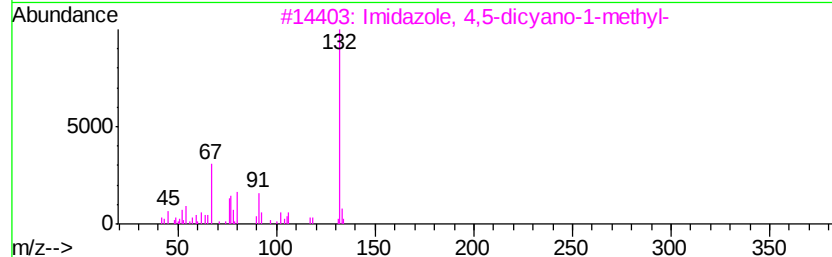
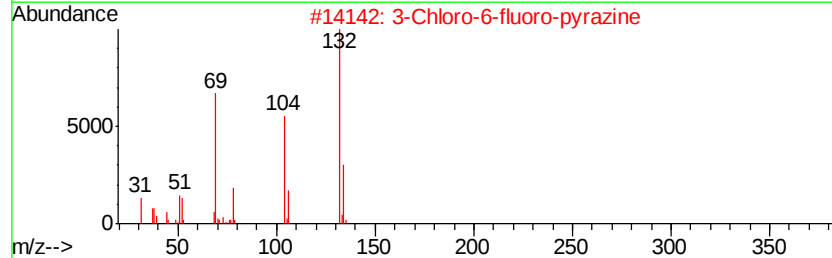
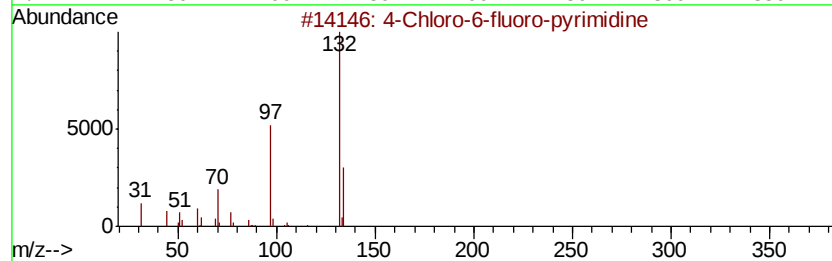
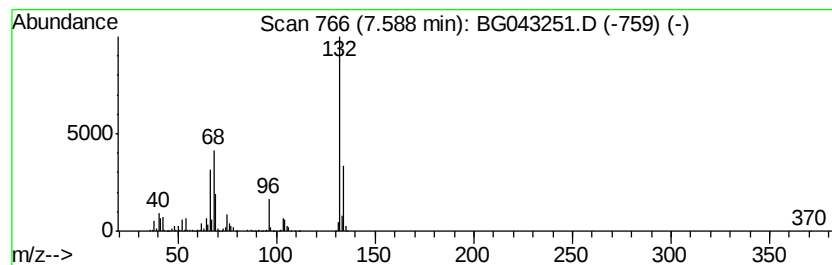
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Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	95.20 ng	1428780	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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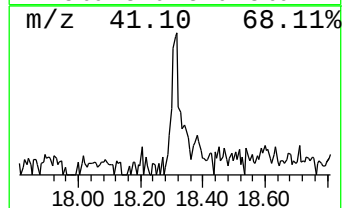
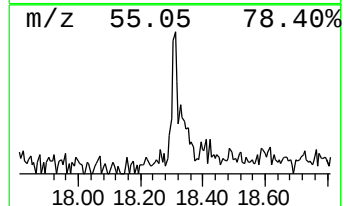
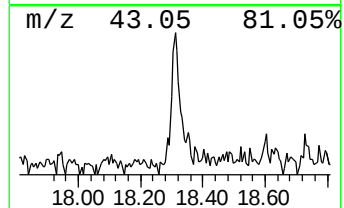
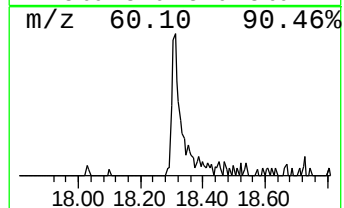
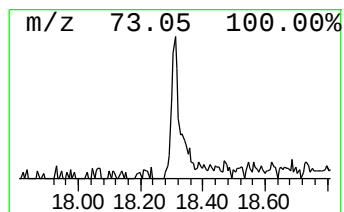
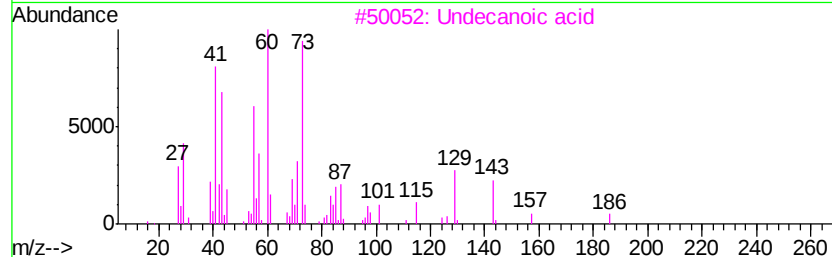
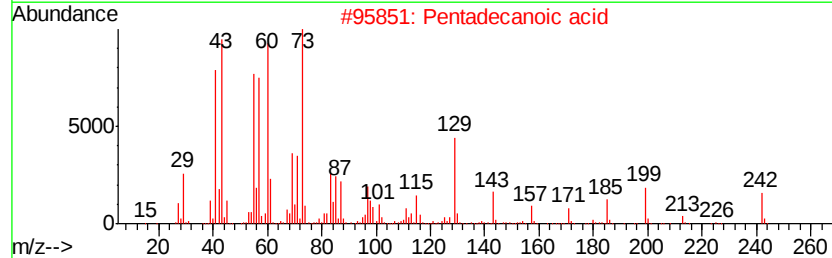
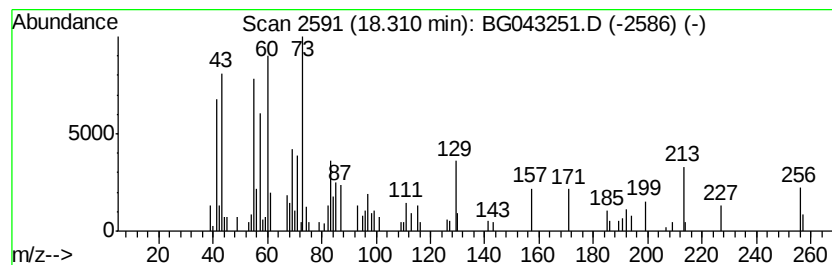
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.17 ng	82310	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Undecanoic acid	186	C11H22O2	000112-37-8	60
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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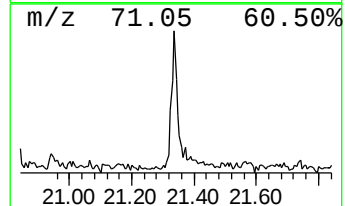
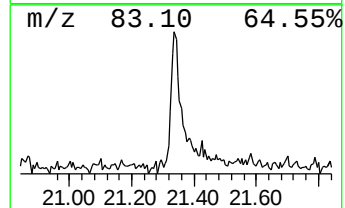
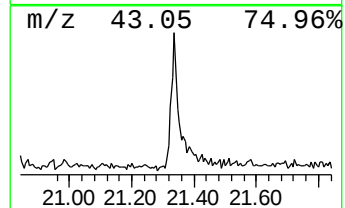
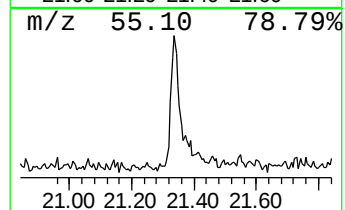
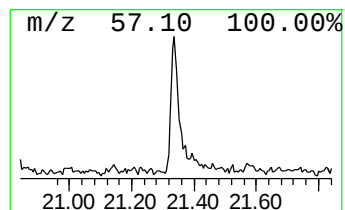
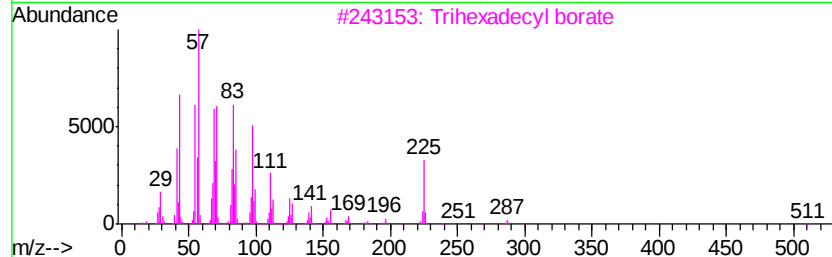
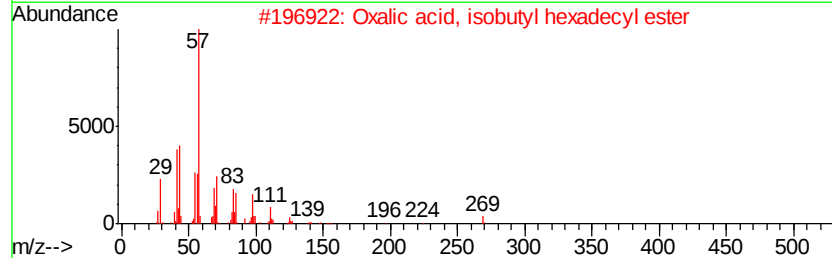
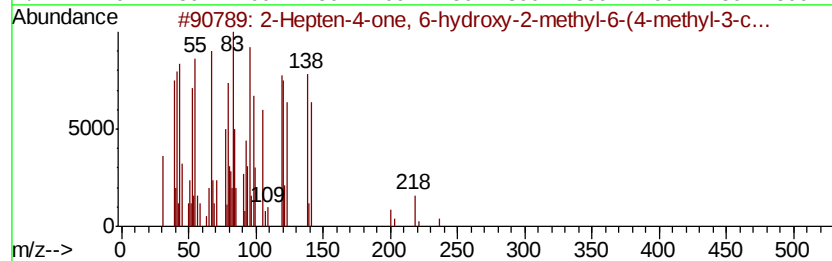
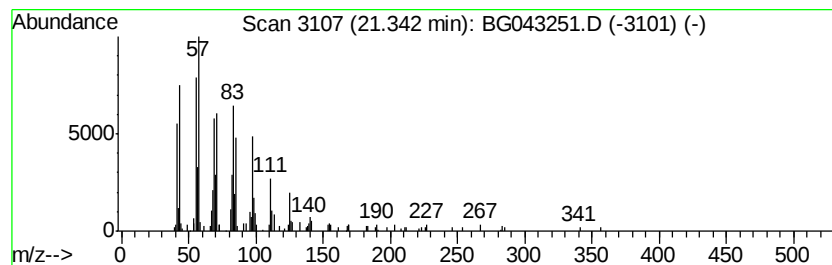
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.76 ng	183775	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Trihexadecyl borate	735	C48H99BO3	002665-11-4	90
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	90
5		1-Nonadecene	266	C19H38	018435-45-5	89



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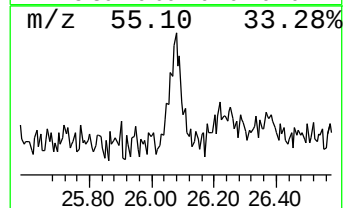
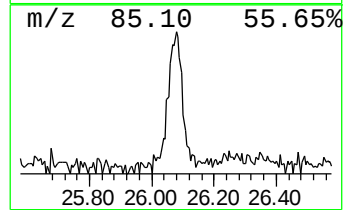
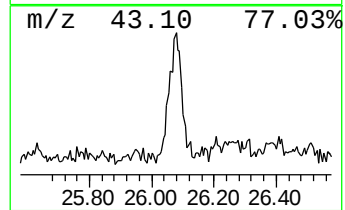
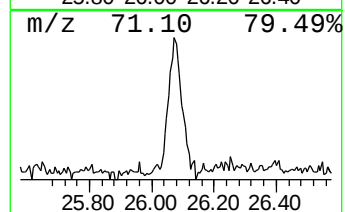
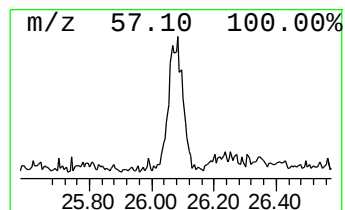
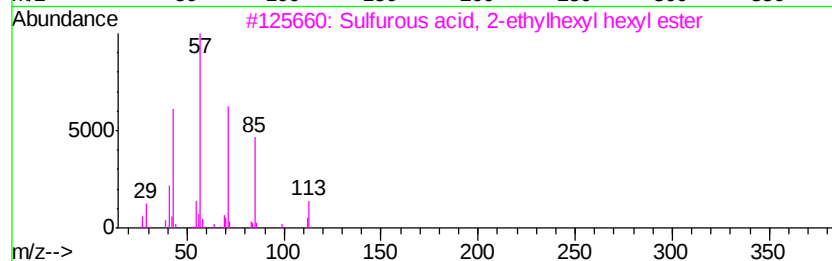
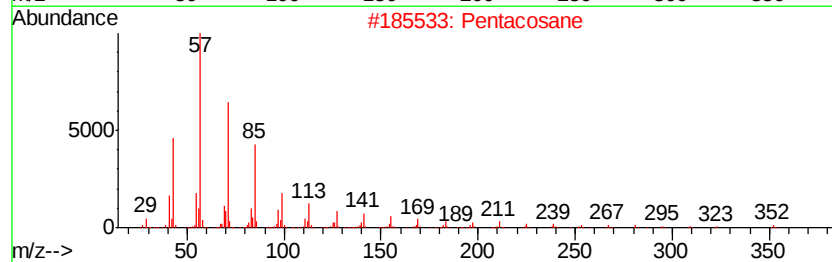
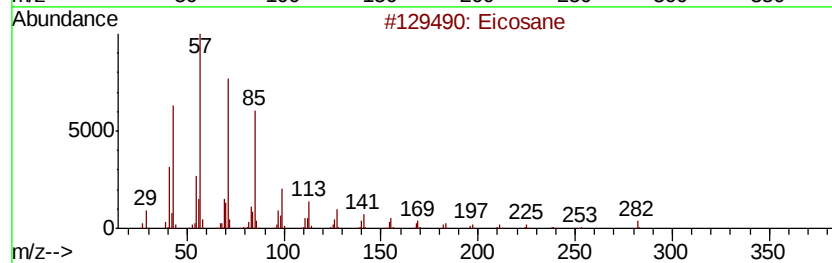
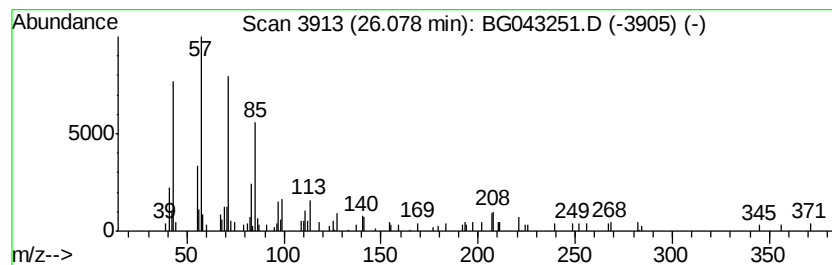
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	2.19 ng	118751	Perylene-d12	24.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Pentacosane		352	C25H52	000629-99-2	62
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	58
4	Triacontane		422	C30H62	000638-68-6	58
5	Docosane		310	C22H46	000629-97-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101619\
Data File : BG043251.D
Acq On : 16 Oct 2019 18:57
Operator : JU
Sample : K5374-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
Iron pentacarbonyl	3.15	9.2	ng	138558	1	8.05	300163	20.0
Butane, 2-methoxy...	3.23	17.4	ng	261683	1	8.05	300163	20.0
unknown7.59	7.59	95.2	ng	1428780	1	8.05	300163	20.0
n-Hexadecanoic acid	18.31	2.2	ng	82310	4	17.42	759373	20.0
2-Hepten-4-one, 6...	21.34	3.8	ng	183775	5	21.69	977571	20.0
Eicosane	26.08	2.2	ng	118751	6	24.93	1082340	20.0