

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045141.D
 Acq On : 23 Apr 2020 14:32
 Operator : CG/JU
 Sample : L2358-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NCC-TOPSOIL-TF

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-BG041520.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	5.574	416	423	439	rBV	733640	1321055	30.59%	5.090%
2	7.172	687	695	708	rVB	939769	1684088	39.00%	6.489%
3	7.595	762	767	777	rBV	51182	92018	2.13%	0.355%
4	8.006	828	837	846	rBV	309778	547165	12.67%	2.108%
5	8.329	883	892	902	rBV	773588	1386963	32.12%	5.344%
6	9.163	1025	1034	1043	rBV	654248	1179911	27.33%	4.546%
7	10.814	1307	1315	1322	rBV	417877	780407	18.07%	3.007%
8	13.263	1723	1732	1740	rBV	1920541	3061091	70.89%	11.795%
9	14.092	1864	1873	1879	rBV	309508	472169	10.93%	1.819%
10	14.644	1959	1967	1975	rBV	703889	1158546	26.83%	4.464%
11	16.130	2213	2220	2230	rBV	1792679	2606349	60.36%	10.043%
12	17.387	2426	2434	2439	rBV	954005	1452003	33.63%	5.595%
13	17.428	2439	2441	2446	rVB2	56168	72026	1.67%	0.278%
14	18.280	2580	2586	2589	rBV5	38676	76887	1.78%	0.296%
15	18.456	2610	2616	2619	rBV4	26679	51024	1.18%	0.197%
16	19.437	2778	2783	2786	rBV	145162	204503	4.74%	0.788%
17	19.467	2786	2788	2792	rVB2	49263	51931	1.20%	0.200%
18	19.584	2805	2808	2811	rBV4	34808	44975	1.04%	0.173%
19	19.702	2825	2828	2832	rVB4	41662	49553	1.15%	0.191%
20	19.796	2840	2844	2851	rVB2	150395	283659	6.57%	1.093%
21	20.001	2873	2879	2884	rBV	3143396	4318046	100.00%	16.638%
22	20.078	2888	2892	2893	rBV4	41146	59111	1.37%	0.228%
23	20.283	2925	2927	2937	rVB6	51641	91897	2.13%	0.354%
24	20.536	2968	2970	2975	rVB5	47531	48008	1.11%	0.185%
25	20.671	2990	2993	3002	rVB4	221795	305803	7.08%	1.178%
26	20.741	3002	3005	3009	rBV5	40484	47343	1.10%	0.182%
27	20.812	3014	3017	3019	rBV4	30021	44671	1.03%	0.172%
28	20.853	3019	3024	3025	rBV4	56489	83323	1.93%	0.321%
29	21.305	3097	3101	3110	rVB2	309928	467843	10.83%	1.803%
30	21.652	3152	3160	3165	rBV	823985	1481273	34.30%	5.708%
31	22.474	3295	3300	3306	rVB4	89662	190145	4.40%	0.733%
32	23.955	3545	3552	3557	rBV2	221107	488288	11.31%	1.881%
33	24.830	3691	3701	3710	rBV3	484673	1395888	32.33%	5.379%
34	26.011	3896	3902	3912	rVB3	121140	354728	8.22%	1.367%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

Integration Parameters: rteint.p
Integrator: RTE
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 >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

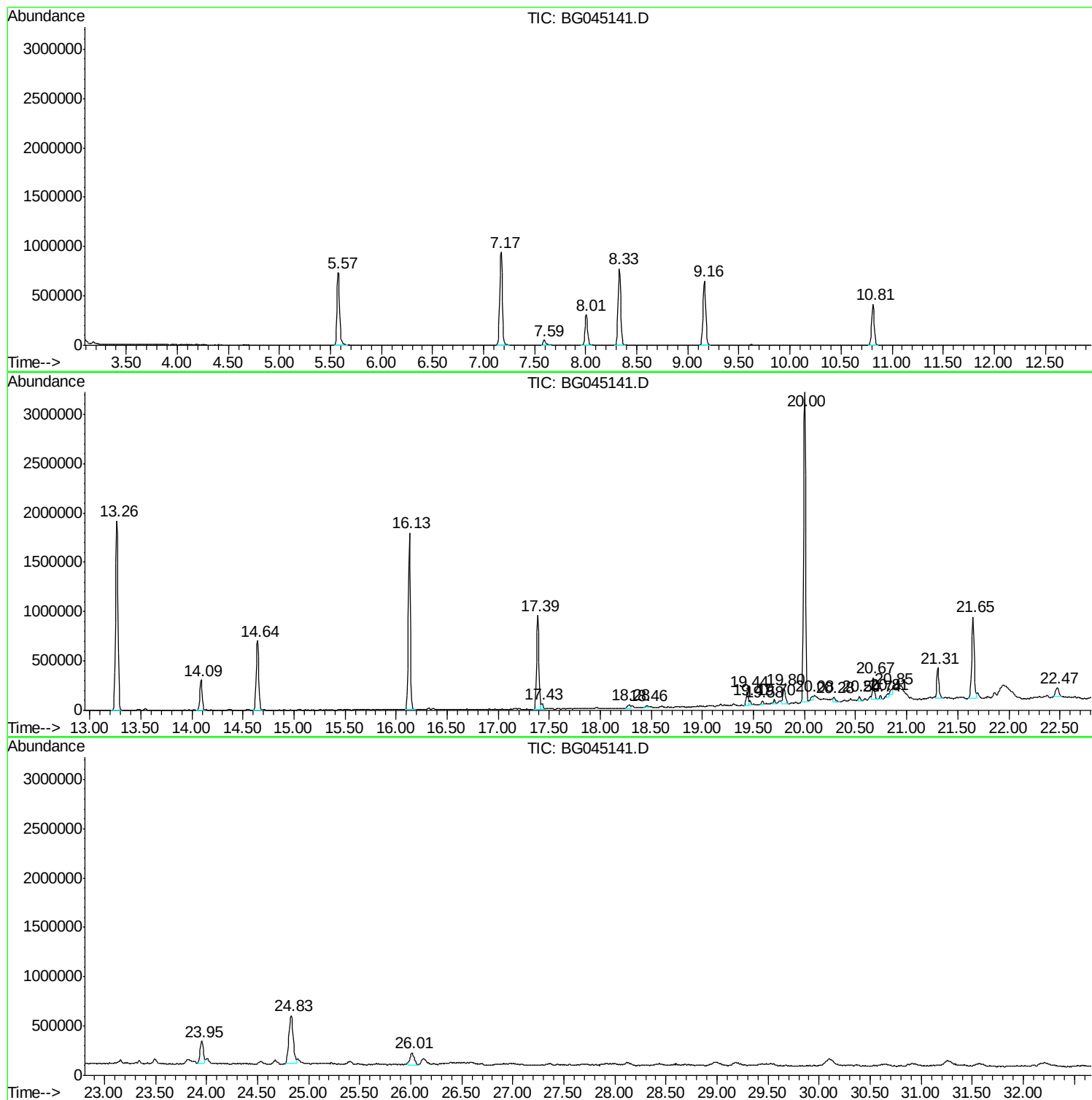
Sum of corrected areas: 25952690

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

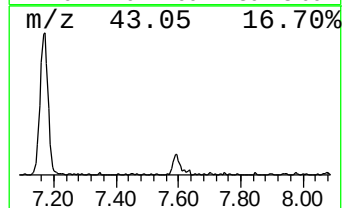
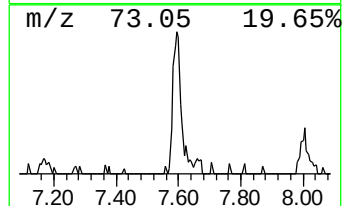
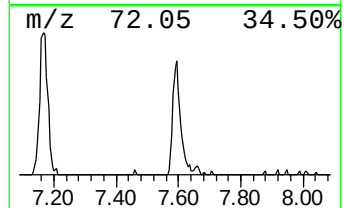
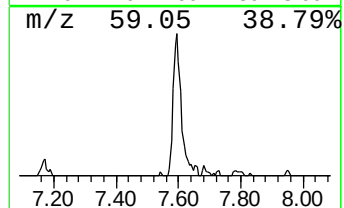
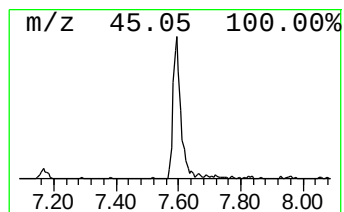
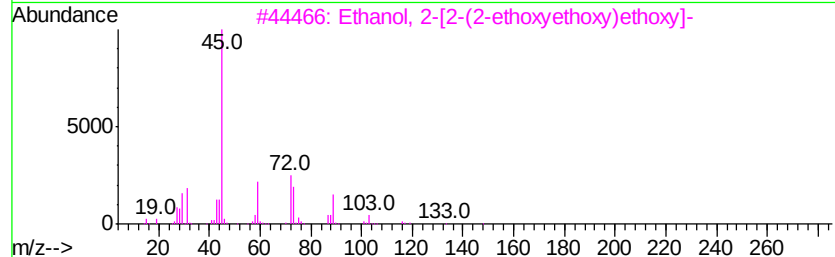
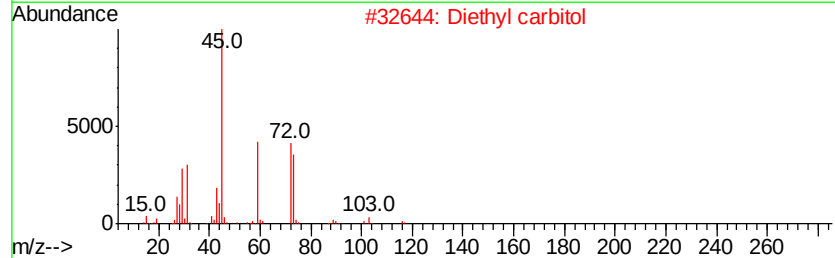
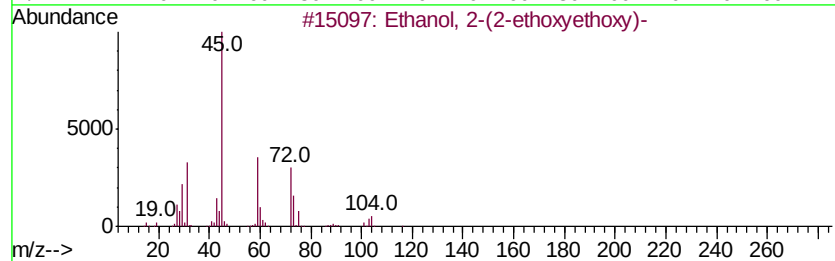
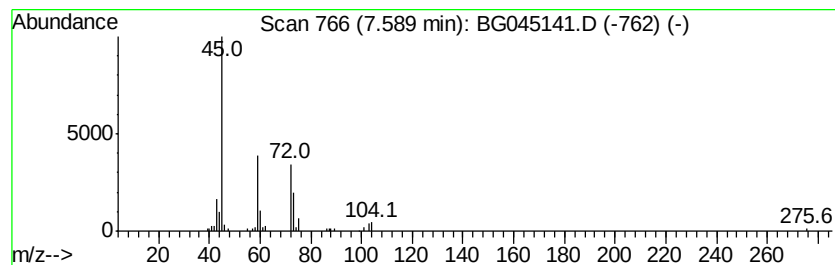
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.36 ng	92018	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Diethyl carbitol	162	C8H18O3	000112-36-7	72
3		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
5		Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

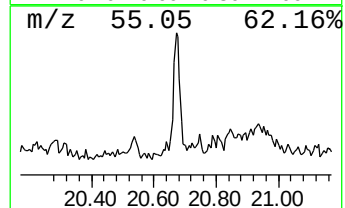
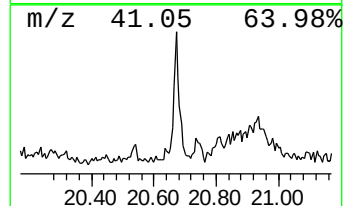
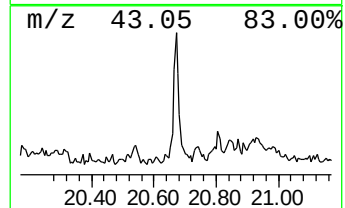
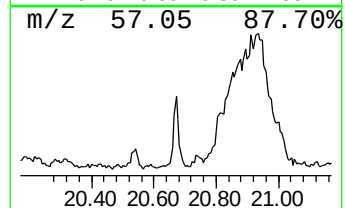
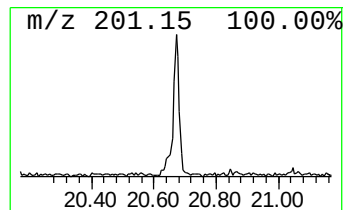
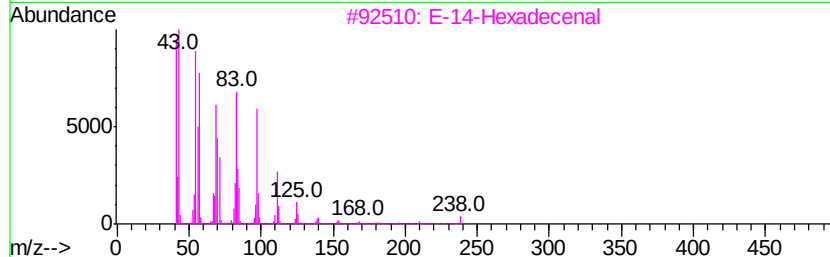
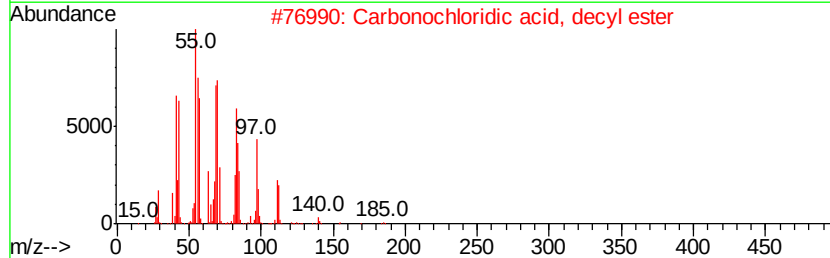
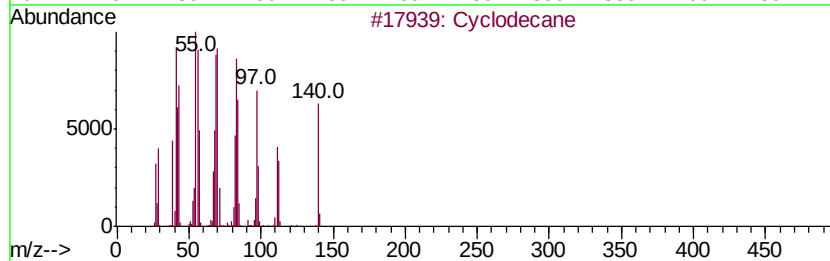
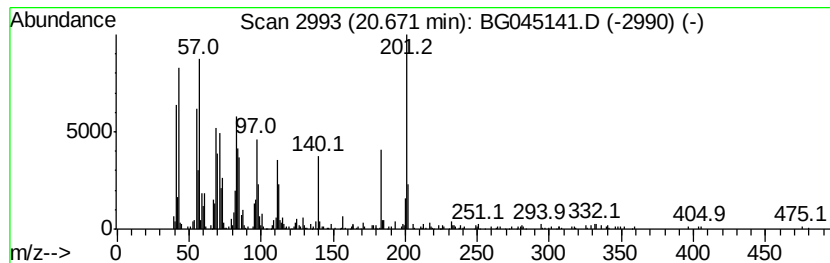
Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown20.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.67	4.13 ng	305803	Chrysene-d12	21.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	43
2	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	38
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	35
4	1-Heptadecene	238	C17H34	006765-39-5	35
5	Cyclotetracosane	336	C24H48	000297-03-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

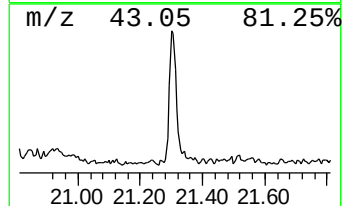
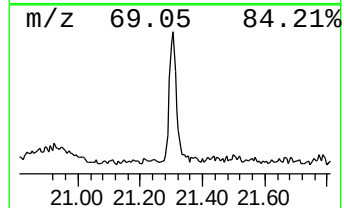
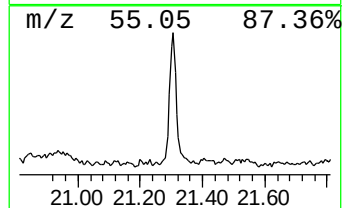
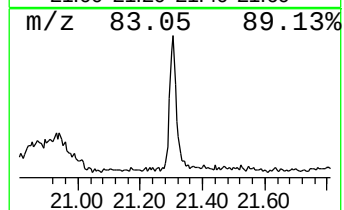
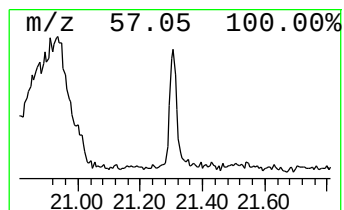
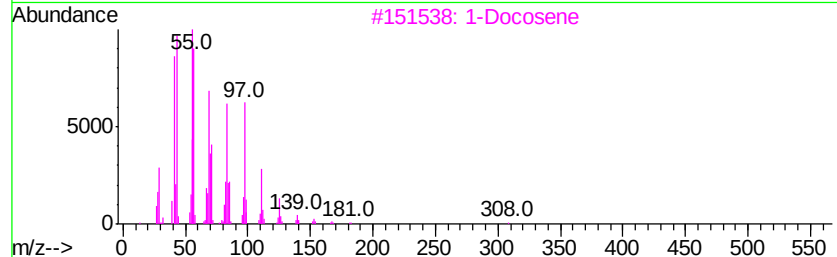
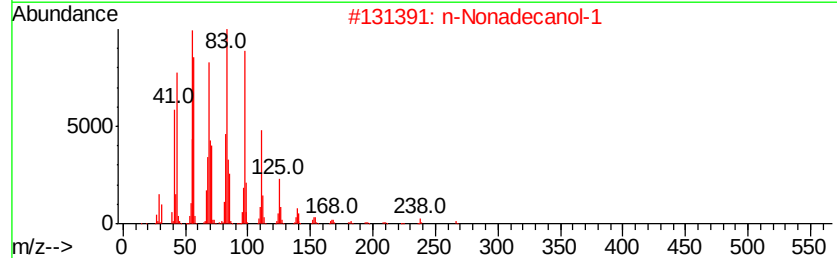
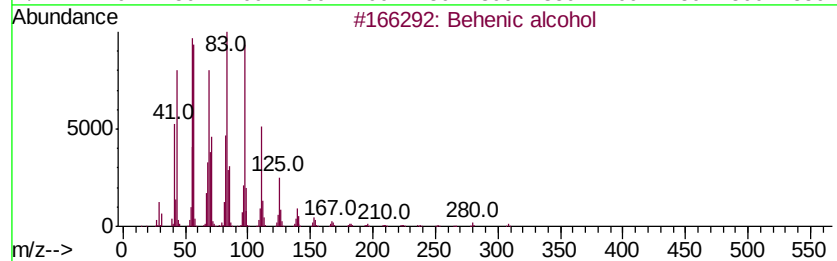
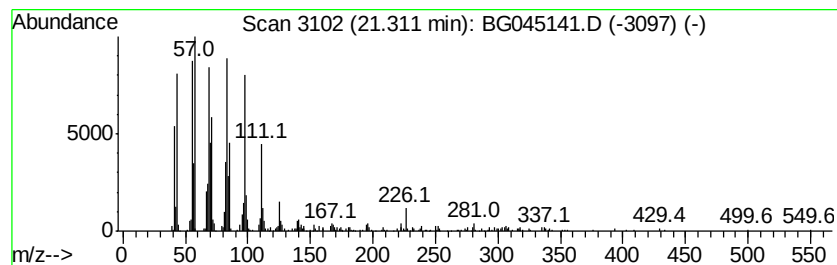
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	6.32 ng	467843	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3		1-Docosene	308	C22H44	001599-67-3	94
4		Cyclotetracosane	336	C24H48	000297-03-0	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

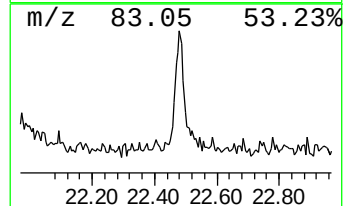
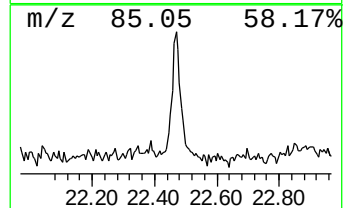
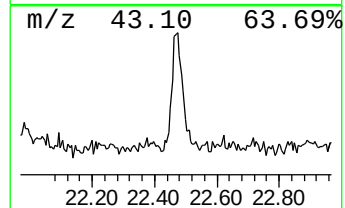
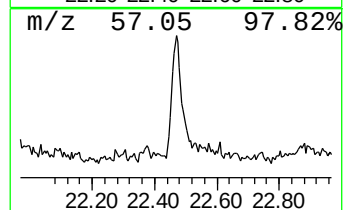
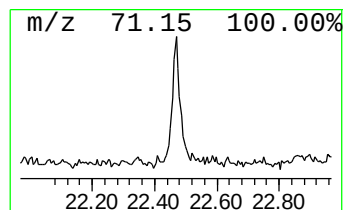
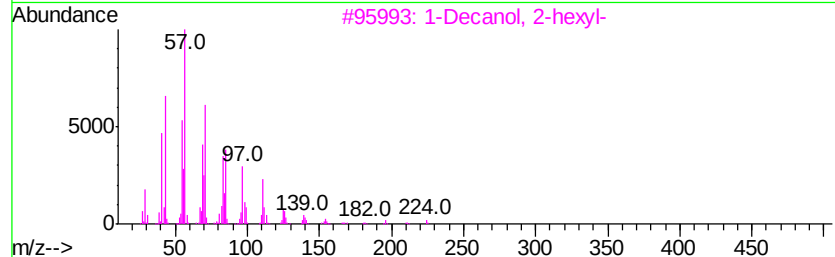
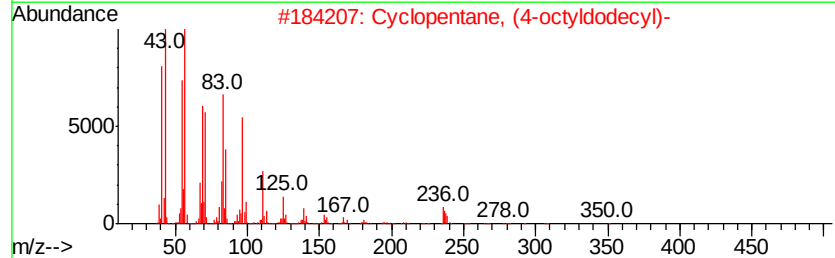
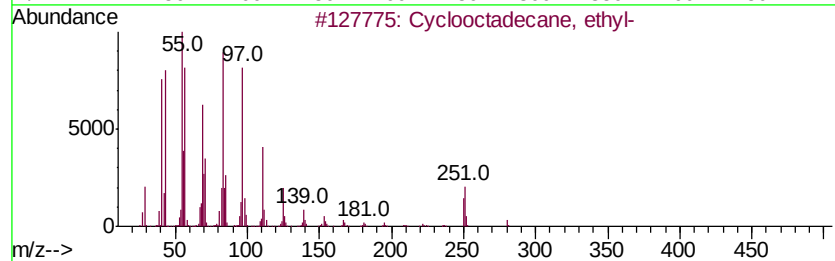
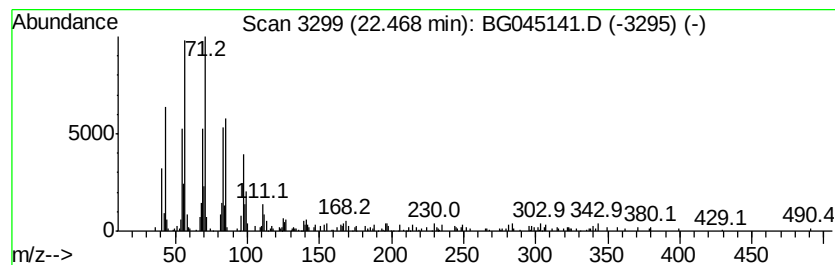
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclooctadecane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.57 ng	190145	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	90
2		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	81
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	60
5		Cyclotetracosane	336	C24H48	000297-03-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

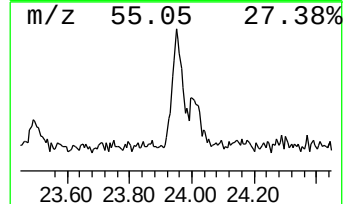
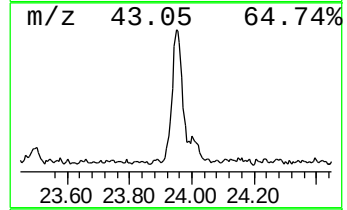
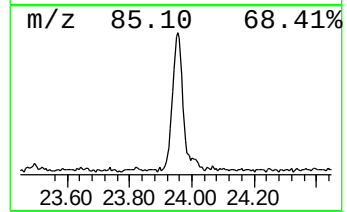
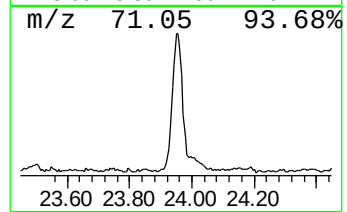
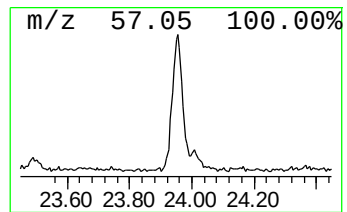
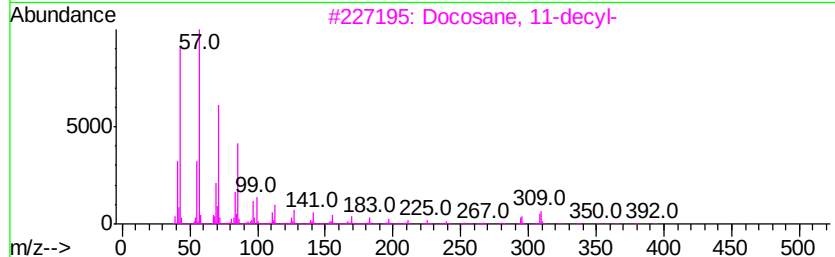
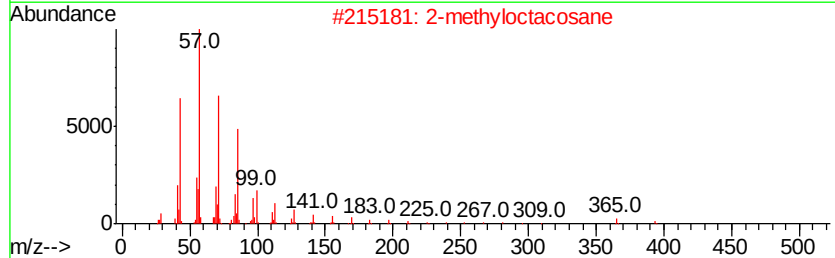
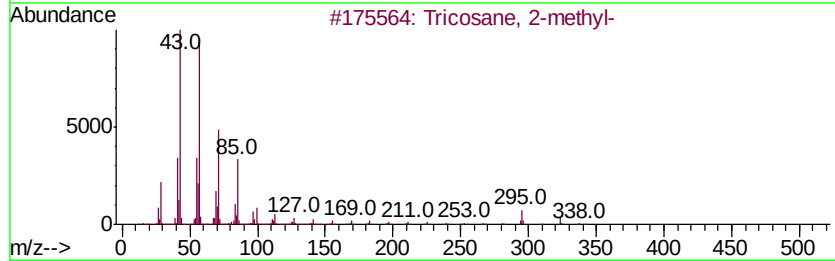
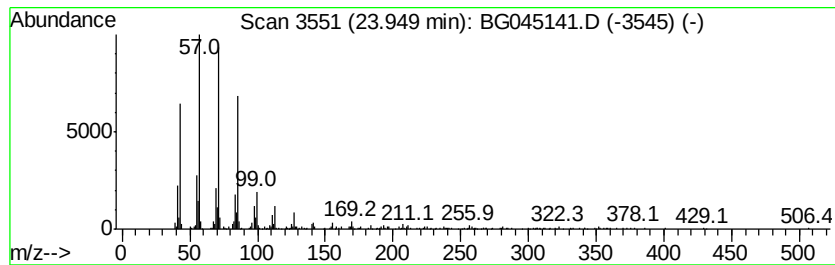
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tricosane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	7.00 ng	488288	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

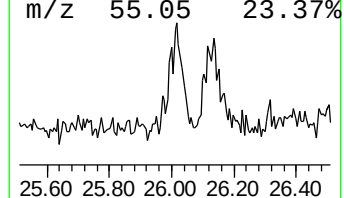
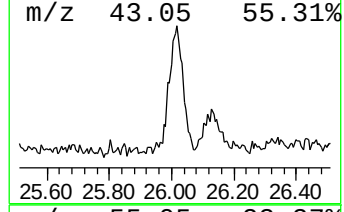
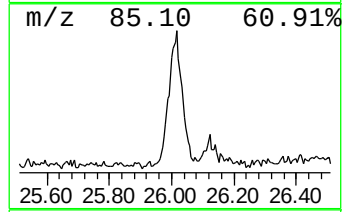
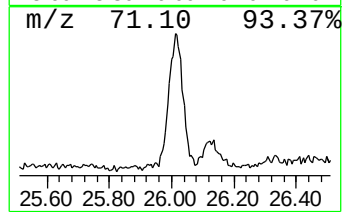
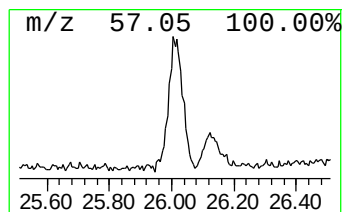
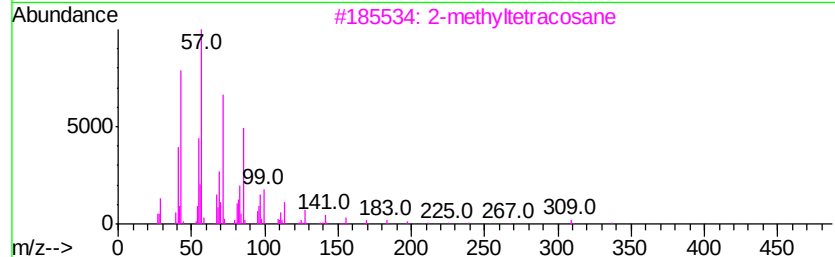
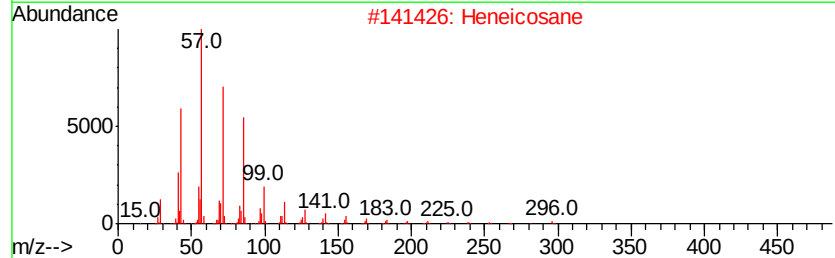
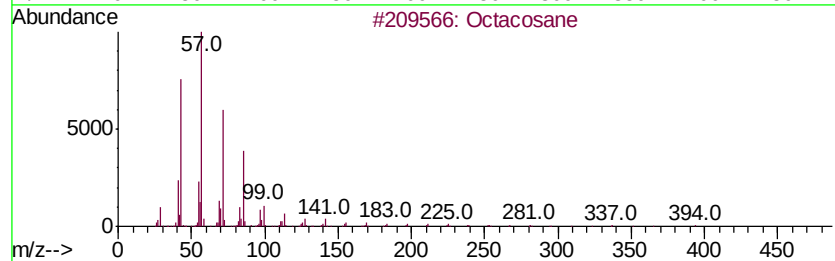
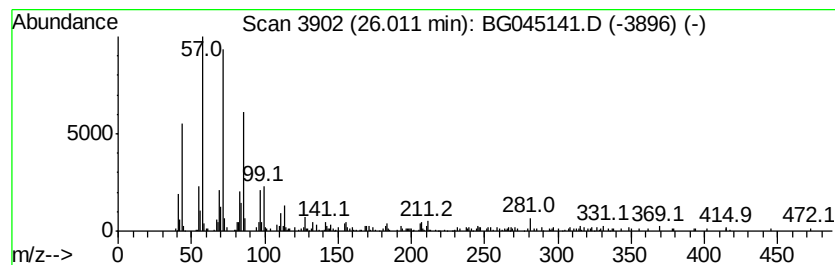
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	5.08 ng	354728	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-methyltetracosane	352	C25H52	1000376-72-6	86
4		Tetradecane	198	C14H30	000629-59-4	81
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045141.D
Acq On : 23 Apr 2020 14:32
Operator : CG/JU
Sample : L2358-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL-TF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
Ethanol, 2-(2-eth...	7.59	3.4	ng	92018	1	8.01	547165	20.0
unknown20.67	20.67	4.1	ng	305803	5	21.65	1481270	20.0
Behenic alcohol	21.31	6.3	ng	467843	5	21.65	1481270	20.0
Cyclooctadecane, ...	22.47	2.6	ng	190145	5	21.65	1481270	20.0
Tricosane, 2-methyl-	23.95	7.0	ng	488288	6	24.83	1395890	20.0
Octacosane	26.01	5.1	ng	354728	6	24.83	1395890	20.0