

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048466.D
 Acq On : 23 Mar 2021 6:43
 Operator : CG/JU
 Sample : M1709-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSHQ-SOIL

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-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.654	387	394	402	rBV	170291	275702	27.15%	2.836%
2	7.252	658	666	676	rBV2	181199	325220	32.02%	3.345%
3	8.104	801	811	818	rBV	295412	489031	48.15%	5.030%
4	9.267	1002	1009	1016	rVB2	119527	213402	21.01%	2.195%
5	10.924	1279	1291	1300	rBV	365125	664311	65.41%	6.833%
6	13.280	1687	1692	1694	rBV6	8083	13664	1.35%	0.141%
7	13.369	1699	1707	1716	rBV	293768	472426	46.51%	4.860%
8	13.562	1731	1740	1744	rBV10	17359	37283	3.67%	0.384%
9	13.692	1759	1762	1766	rVB6	13665	16929	1.67%	0.174%
10	13.909	1794	1799	1801	rBV5	6797	13578	1.34%	0.140%
11	14.027	1816	1819	1822	rBV5	8245	11878	1.17%	0.122%
12	14.121	1831	1835	1840	rVB6	9399	15668	1.54%	0.161%
13	14.179	1840	1845	1848	rBV7	18800	34059	3.35%	0.350%
14	14.209	1848	1850	1854	rVV5	16641	23471	2.31%	0.241%
15	14.256	1854	1858	1864	rVV9	15599	23620	2.33%	0.243%
16	14.391	1876	1881	1885	rVB8	9882	17436	1.72%	0.179%
17	14.585	1910	1914	1917	rVB6	11128	16612	1.64%	0.171%
18	14.632	1917	1922	1930	rVB6	26231	47452	4.67%	0.488%
19	14.743	1930	1941	1951	rBV	561344	931612	91.73%	9.583%
20	14.943	1972	1975	1976	rBV3	12232	11534	1.14%	0.119%
21	15.137	2005	2008	2012	rVB5	18782	25714	2.53%	0.265%
22	15.255	2024	2028	2032	rVB7	14949	24507	2.41%	0.252%
23	15.466	2061	2064	2066	rBV4	16216	16784	1.65%	0.173%
24	15.543	2072	2077	2079	rBV6	17940	34583	3.40%	0.356%
25	15.578	2081	2083	2088	rVB2	47335	59425	5.85%	0.611%
26	15.778	2113	2117	2119	rBV4	14416	16972	1.67%	0.175%
27	15.989	2149	2153	2160	rVB2	43619	77279	7.61%	0.795%
28	16.230	2187	2194	2199	rBV	231815	346144	34.08%	3.561%
29	16.447	2227	2231	2232	rBV	73523	83559	8.23%	0.860%
30	16.465	2232	2234	2238	rVB3	73797	96139	9.47%	0.989%
31	17.241	2362	2366	2370	rBV	77324	88011	8.67%	0.905%
32	17.293	2371	2375	2379	rVB3	73598	98489	9.70%	1.013%
33	17.493	2403	2409	2415	rBV	622597	981230	96.61%	10.093%
34	17.981	2489	2492	2497	rVB3	96137	115675	11.39%	1.190%
35	18.151	2518	2521	2528	rVB	90105	119084	11.72%	1.225%
36	18.374	2555	2559	2565	rBV2	180244	237248	23.36%	2.440%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048466.D
 Acq On : 23 Mar 2021 6:43
 Operator : CG/JU
 Sample : M1709-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSHQ-SOIL

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-BG031821.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.668	2607	2609	2613	rVB	78865	82370	8.11%	0.847%
38	19.503	2748	2751	2752	rBV3	74806	74593	7.34%	0.767%
39	19.526	2752	2755	2766	rVB3	222968	440637	43.38%	4.533%
40	19.644	2772	2775	2779	rVB4	88140	98902	9.74%	1.017%
41	20.102	2848	2853	2862	rVB	490382	645867	63.59%	6.644%
42	21.418	3074	3077	3082	rBV2	111241	148810	14.65%	1.531%
43	21.665	3117	3119	3124	rVB	108476	133461	13.14%	1.373%
44	21.788	3134	3140	3146	rVB2	601073	1005452	99.00%	10.343%
45	25.125	3701	3708	3723	rVB2	331311	1015656	100.00%	10.448%

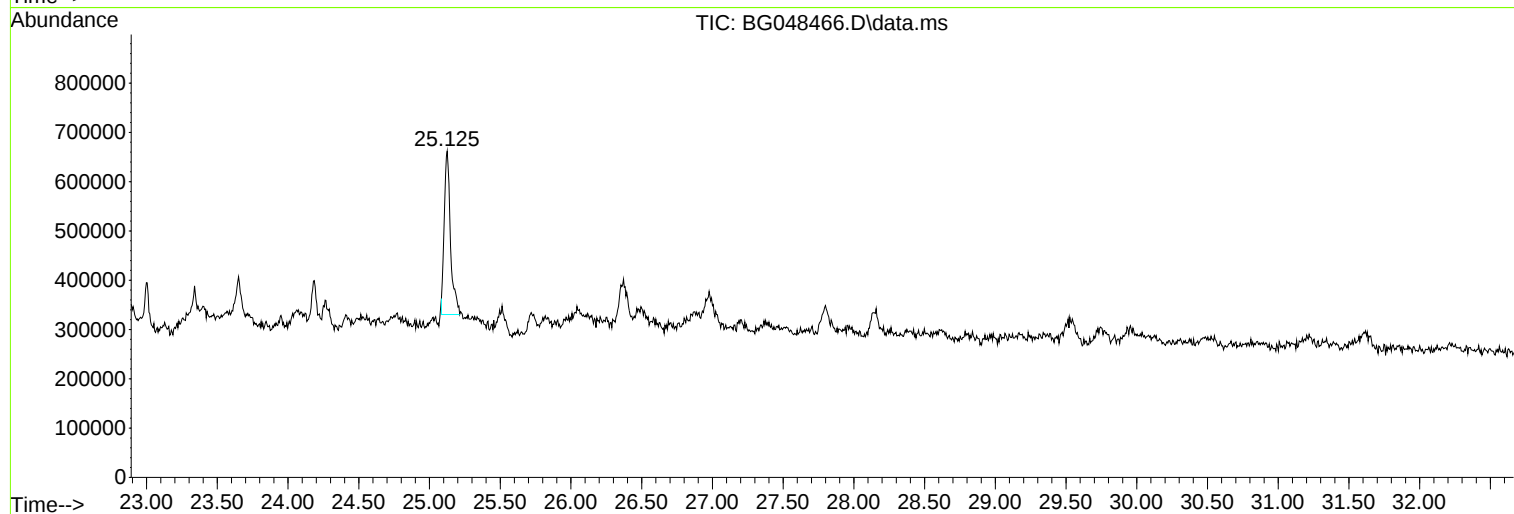
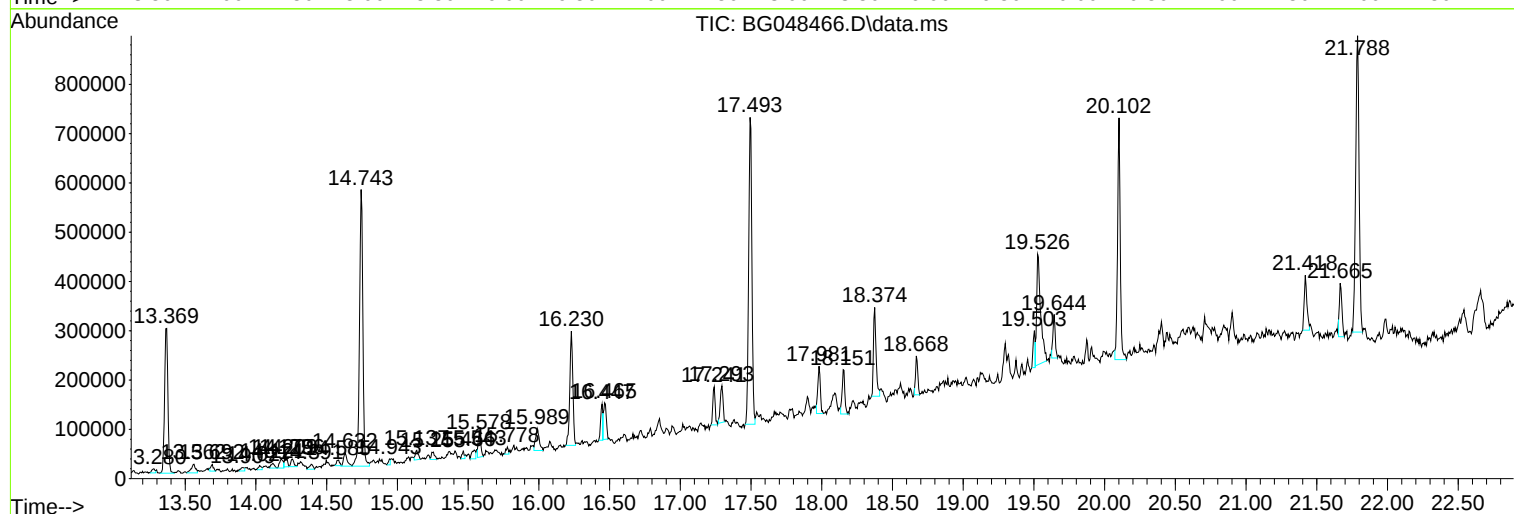
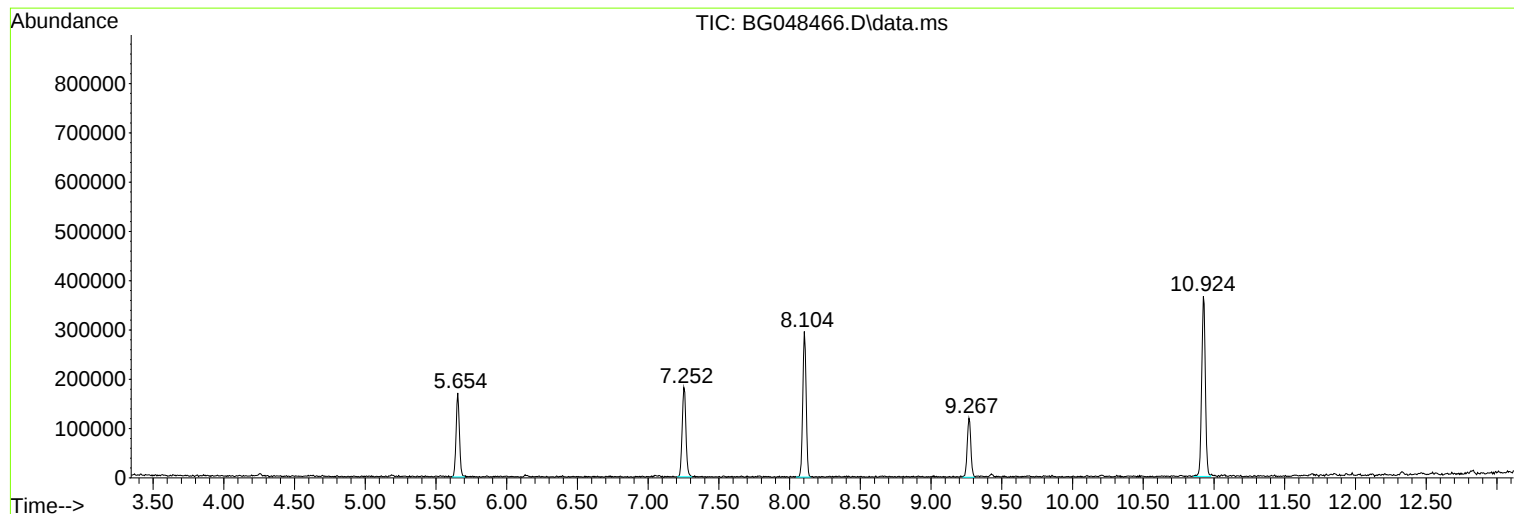
Sum of corrected areas: 9721479

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

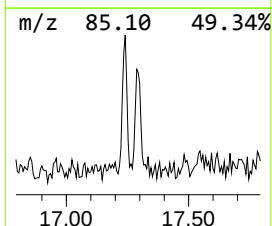
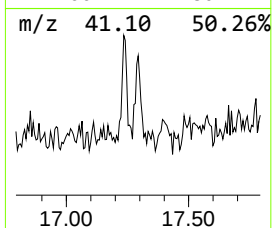
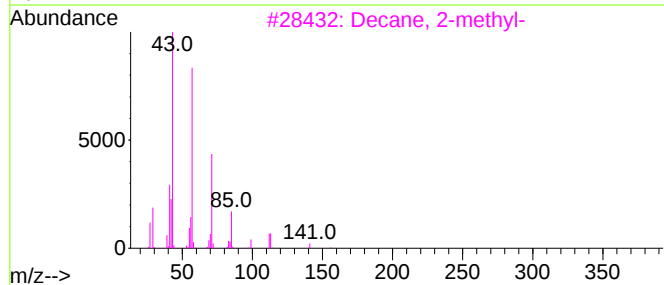
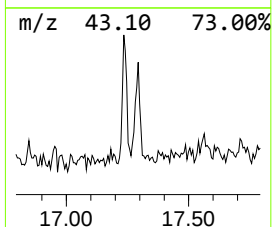
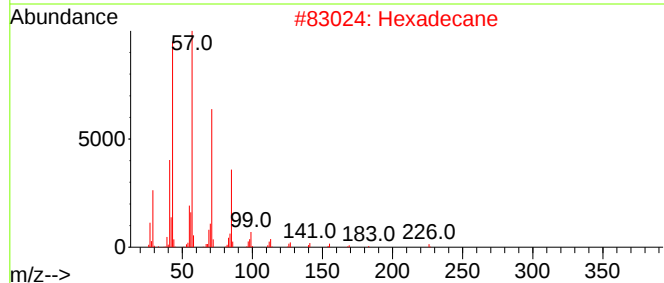
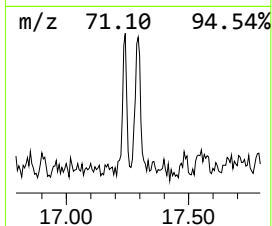
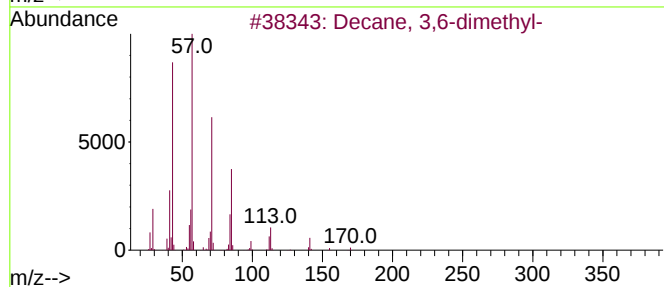
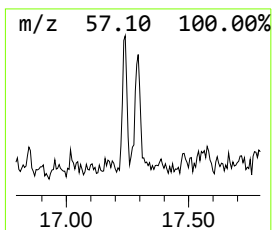
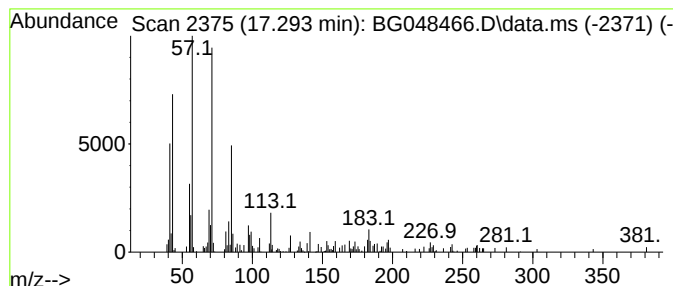
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.293	2.01 ng	98489	Phenanthrene-d10	17.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2			Hexadecane	226	C16H34	000544-76-3	76
3			Decane, 2-methyl-	156	C11H24	006975-98-0	74
4			Tridecane	184	C13H28	000629-50-5	74
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

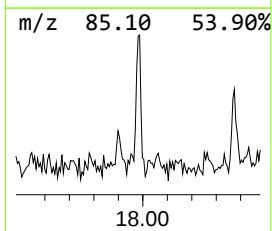
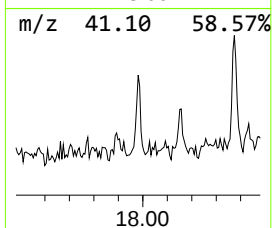
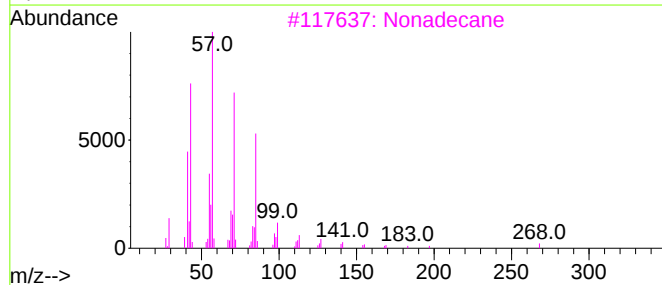
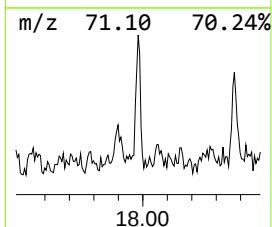
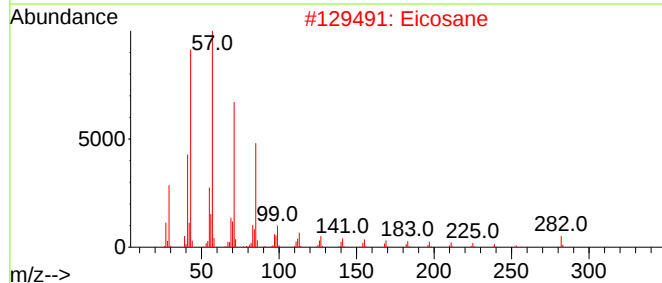
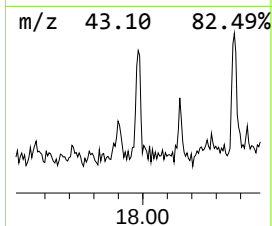
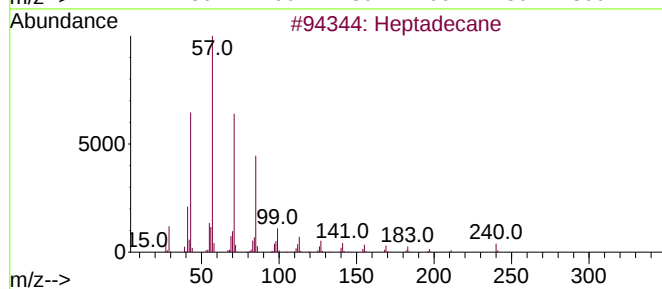
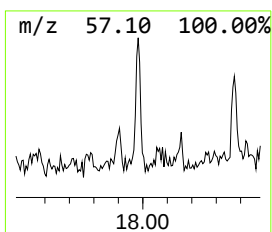
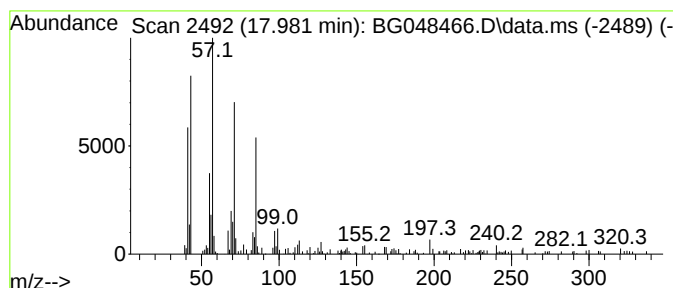
Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.981	2.36 ng	115675	Phenanthrene-d10		17.493	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Nonadecane		268	C19H40	000629-92-5	83
4	Tridecane		184	C13H28	000629-50-5	81
5	10-Methylnonadecane		282	C20H42	056862-62-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

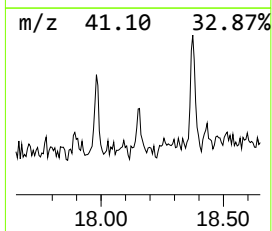
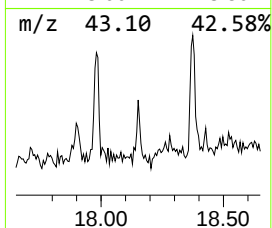
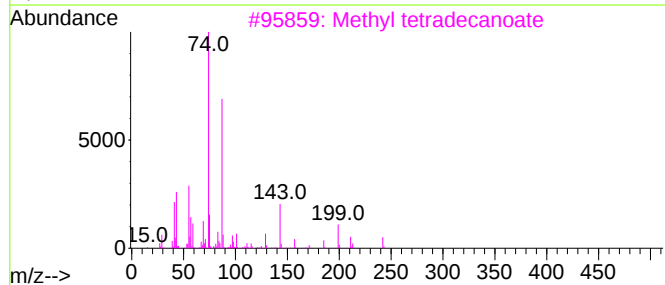
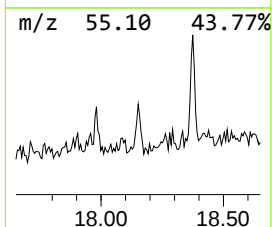
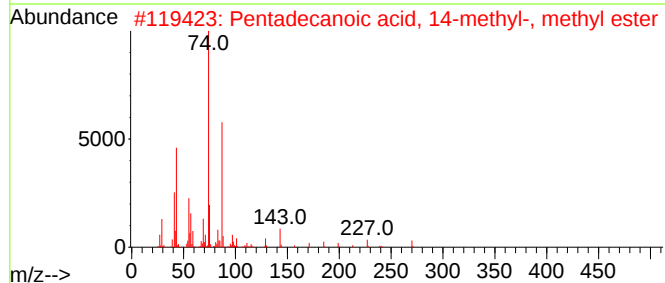
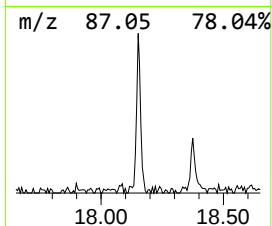
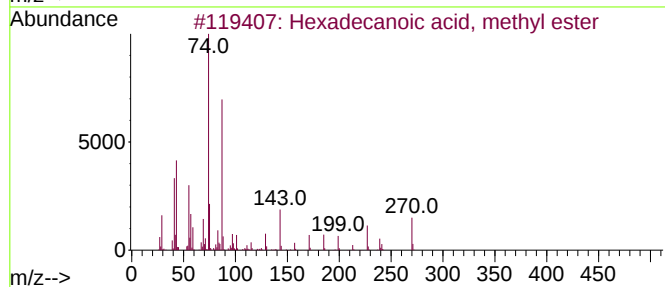
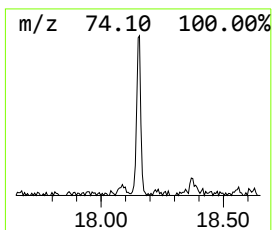
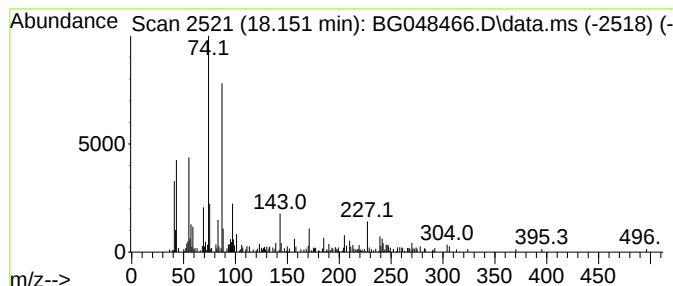
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	2.43 ng	119084	Phenanthrene-d10	17.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	76
4			Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	74
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

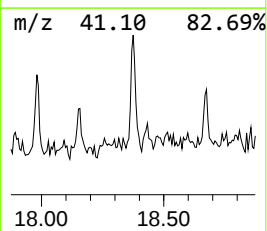
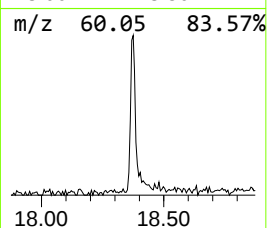
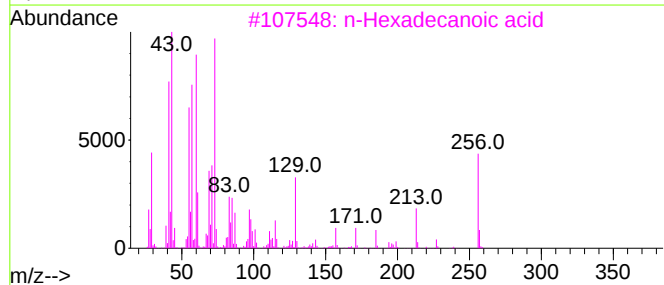
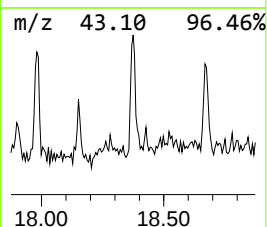
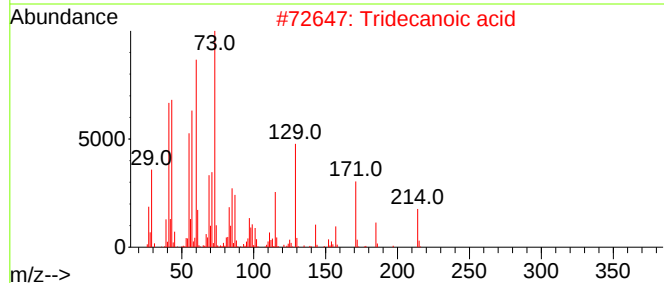
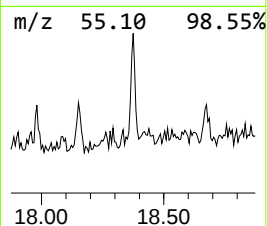
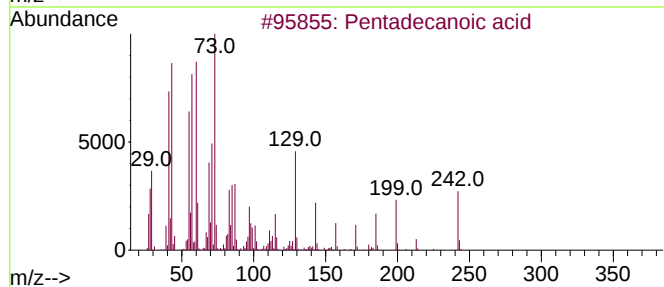
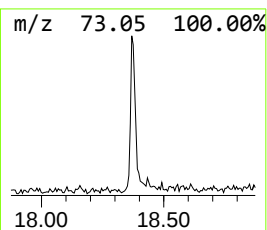
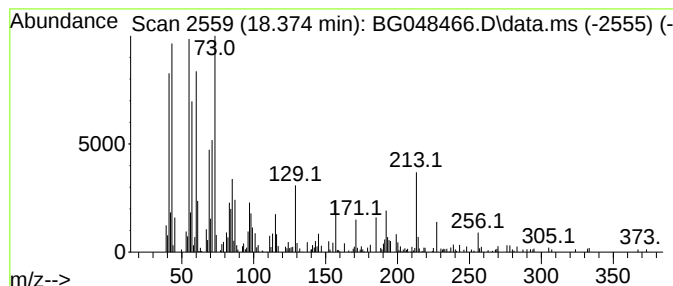
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.84 ng	237248	Phenanthrene-d10	17.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2			Tridecanoic acid	214	C13H26O2	000638-53-9	60
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4			Octadecanoic acid	284	C18H36O2	000057-11-4	49
5			n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

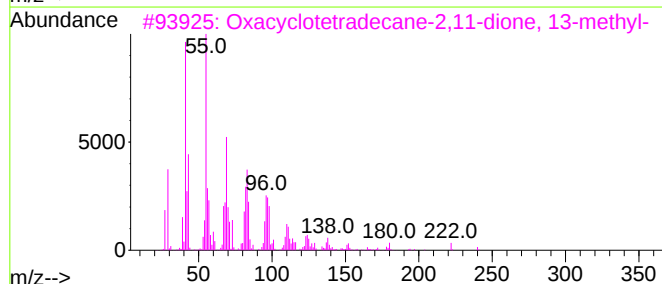
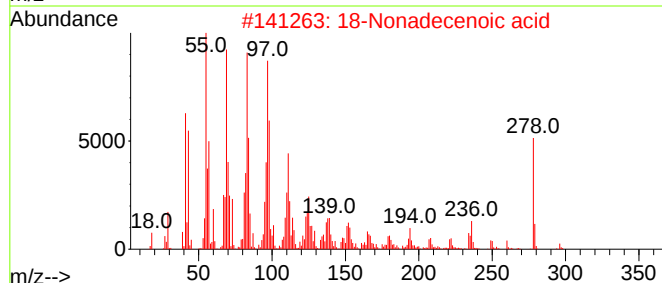
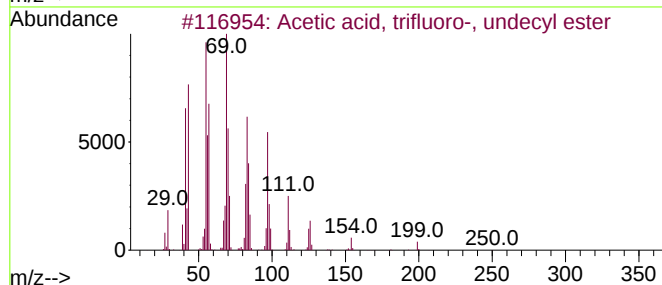
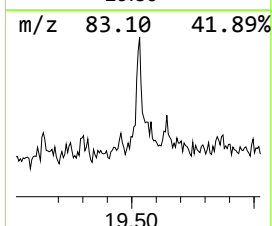
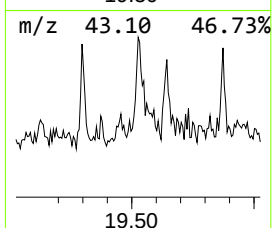
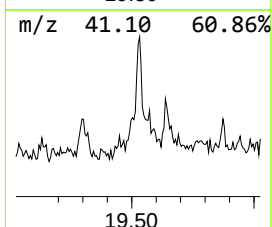
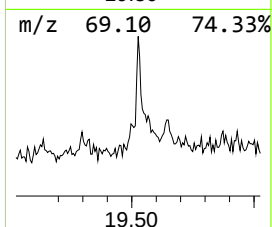
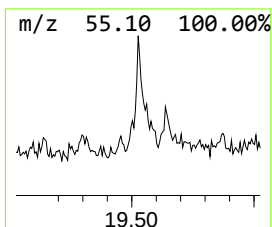
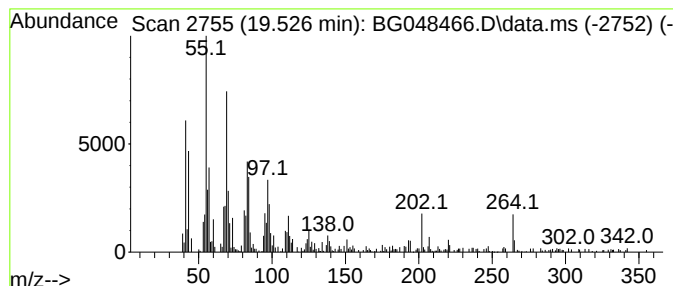
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Acetic acid, trifluoro-, un... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.526	8.98 ng	440637	Phenanthrene-d10	17.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	74
2			18-Nonadecenoic acid	296	C19H36O2	076998-87-3	66
3			Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	66
4			Cyclopentane, undecyl-	224	C16H32	006785-23-5	58
5			cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

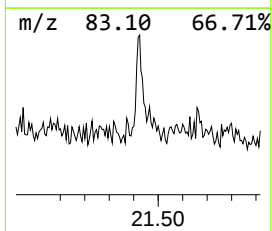
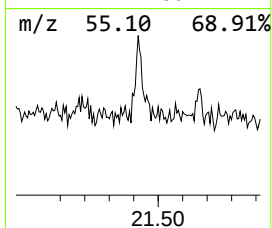
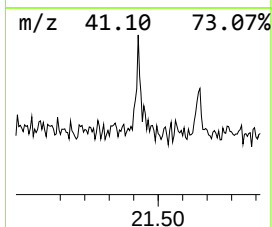
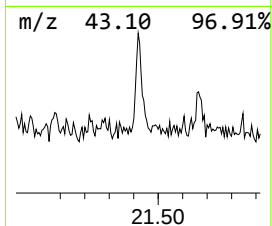
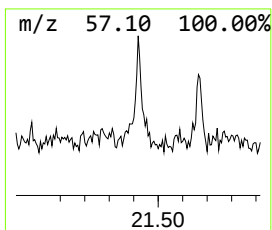
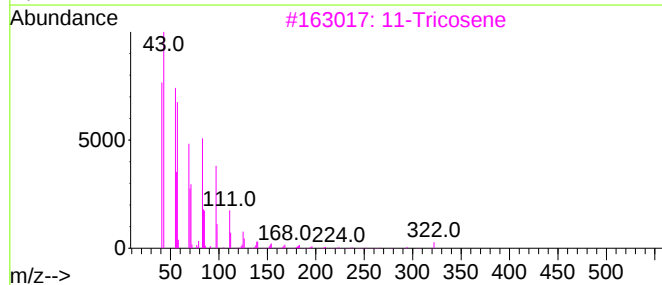
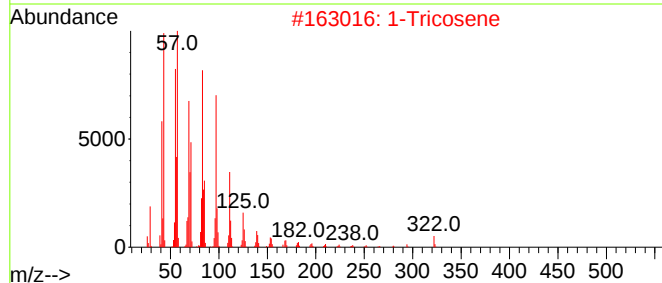
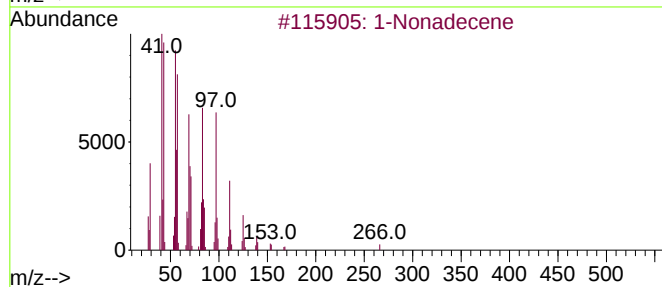
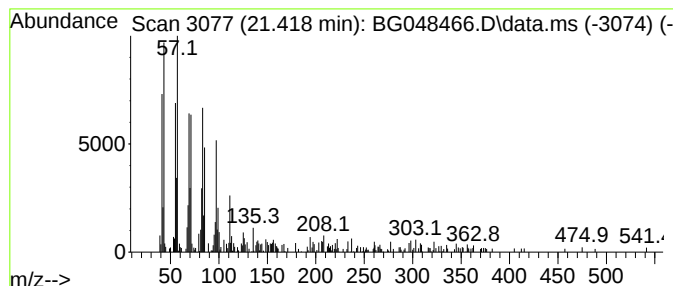
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.418	2.96 ng	148810	Chrysene-d12	21.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	91
2	1-Tricosene			322	C23H46	018835-32-0	90
3	11-Tricosene			322	C23H46	052078-56-5	89
4	1-Docosene			308	C22H44	001599-67-3	83
5	Cyclotetracosane			336	C24H48	000297-03-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048466.D
Acq On : 23 Mar 2021 6:43
Operator : CG/JU
Sample : M1709-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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
Decane, 3,6-dim...	17.293	2.0	ng	98489	4	17.493	981230	20.0
Heptadecane	17.981	2.4	ng	115675	4	17.493	981230	20.0
Hexadecanoic ac...	18.151	2.4	ng	119084	4	17.493	981230	20.0
Pentadecanoic acid	18.375	4.8	ng	237248	4	17.493	981230	20.0
Acetic acid, tr...	19.526	9.0	ng	440637	4	17.493	981230	20.0
1-Nonadecene	21.418	3.0	ng	148810	5	21.788	1005450	20.0