LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-111725

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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064804.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.131	3	7	17	rBV2	23498	50521	1.27%	0.251%
2	3.213	17	21	36	rVB	171894	294169	7.41%	1.460%
3	5.698	437	444	456	rBV	726032	1209595	30.47%	6.004%
4	6.844	631	639	646	rBV2	89028	143370	3.61%	0.712%
5	7.308	707	718	732	rBV	758042	1368000	34.46%	6.790%
6	7.608	762	769	776	rVB	124270	202989	5.11%	1.008%
7	8.160	856	863	871	rBV	137548	244972	6.17%	1.216%
8	9.323	1050	1061	1071	rBV	452995	838255	21.12%	4.161%
9	10.980	1331	1343	1354	rBV	182957	354515	8.93%	1.760%
10	13.407	1748	1756	1771	rBV	1277944	2103187	52.98%	10.440%
11	14.770	1980	1988	1996	rBV	347061	558230	14.06%	2.771%
12	16.110	2209	2216	2227	rBV	209995	317671	8.00%	1.577%
13	16.245	2232	2239	2253	rBV	1359201	2176423	54.83%	10.803%
14	17.502	2446	2453	2458	rBV	472682	750820	18.91%	3.727%
15	17.537	2458	2459	2464	rVB	49188	50390	1.27%	0.250%
16	18.313	2586	2591	2595	rBV2	34959	55114	1.39%	0.274%
17	18.372	2596	2601	2614	rVV	452417	687951	17.33%	3.415%
18	19.535	2788	2799	2804	rBV	155604	299712	7.55%	1.488%
19	19.629	2811	2815	2828	rBV	156568	258080	6.50%	1.281%
20	19.893	2856	2860	2867	rVB	117839	180971	4.56%	0.898%
21	20.087	2887	2893	2904	rBV	3006058	3969592	100.00%	19.704%
22	20.381	2941	2943	2952	rVB6	28772	44348	1.12%	0.220%
23	21.380	3107	3113	3124	rVB2	180007	319722	8.05%	1.587%
24	21.750	3168	3176	3181	rBV	480926	922944	23.25%	4.581%
25	21.944	3206	3209	3215	rVB4	30849	43594	1.10%	0.216%
26	22.561	3309	3314	3321	rBV3	81953	175634	4.42%	0.872%
27	23.613	3487	3493	3502	rVB2	141871	288822	7.28%	1.434%
28	24.083	3567	3573	3578	rBV	244811	540251	13.61%	2.682%
29	24.136	3578	3582	3592	rVB3	211156	484758	12.21%	2.406%
30	25.005	3722	3730	3751	rVB	280817	876372	22.08%	4.350%
31	26.210	3929	3935	3945	rVB3	121653	335129	8.44%	1.663%

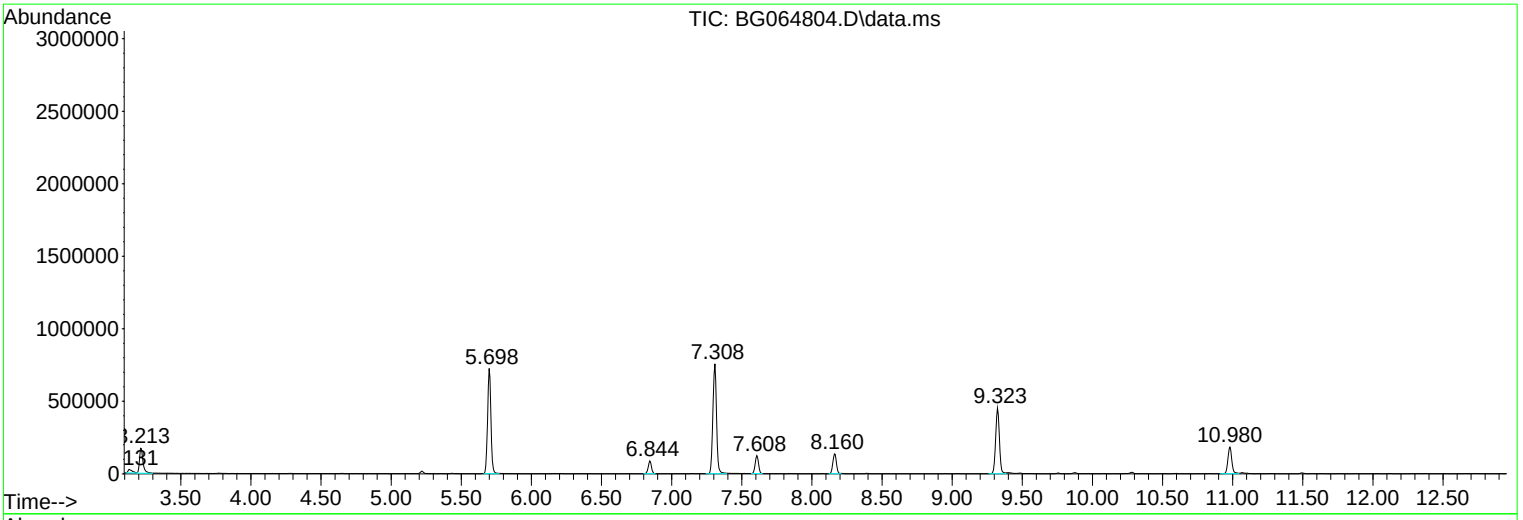
Sum of corrected areas: 20146101

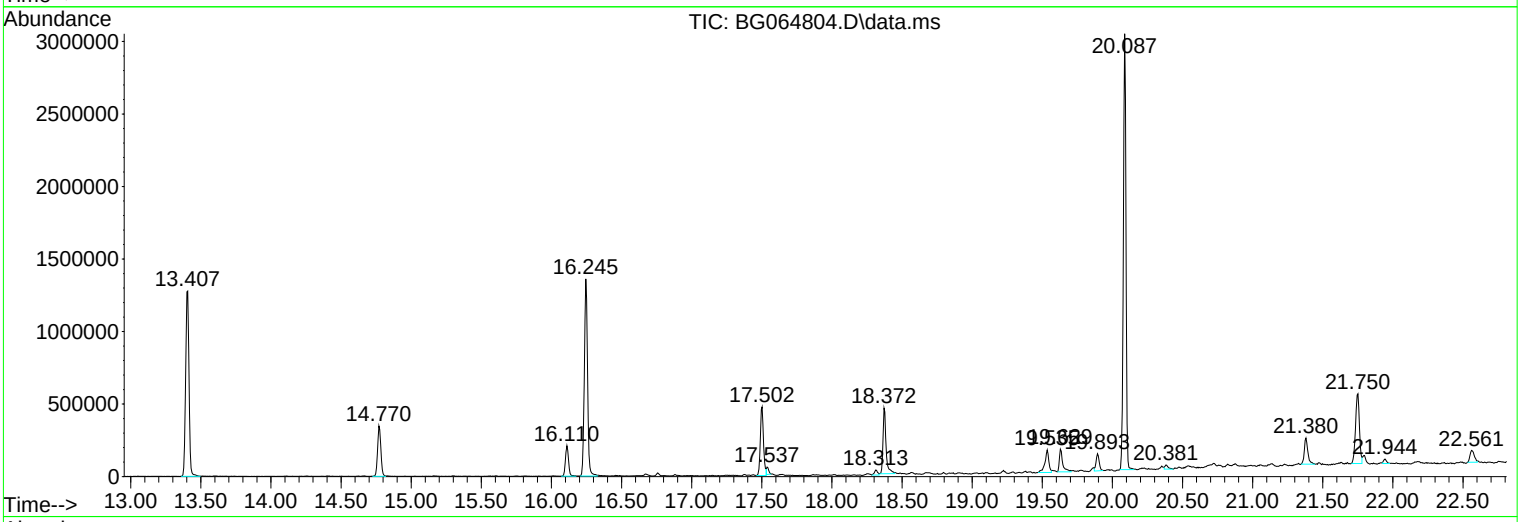
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

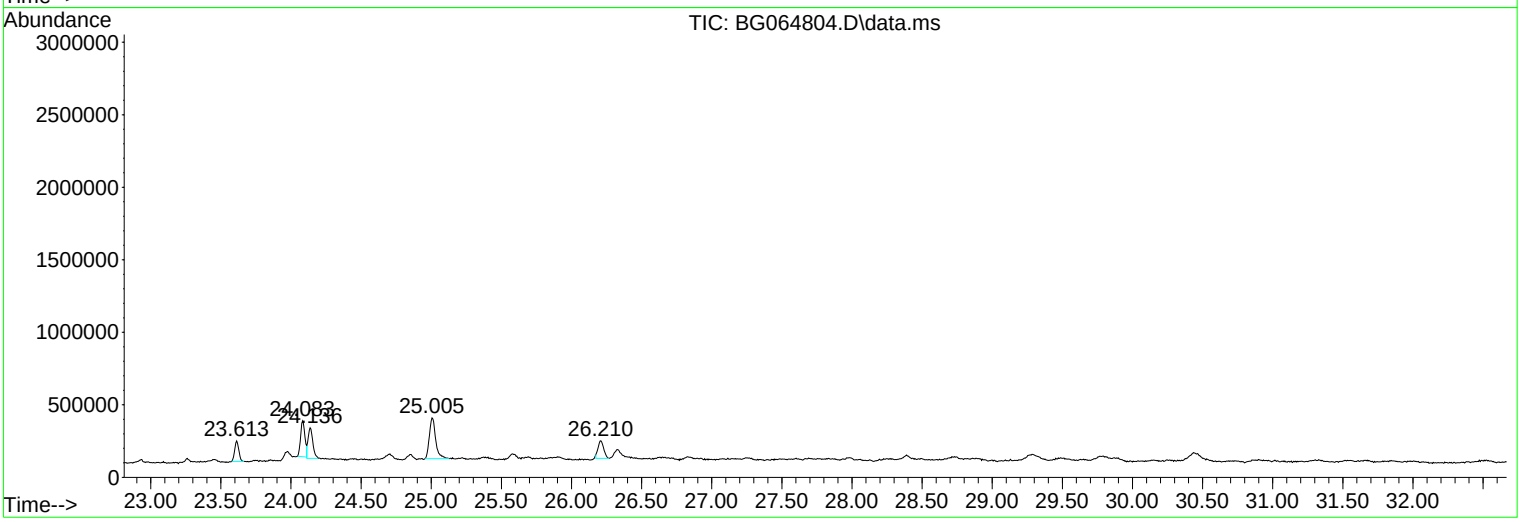
Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
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Operator : RC/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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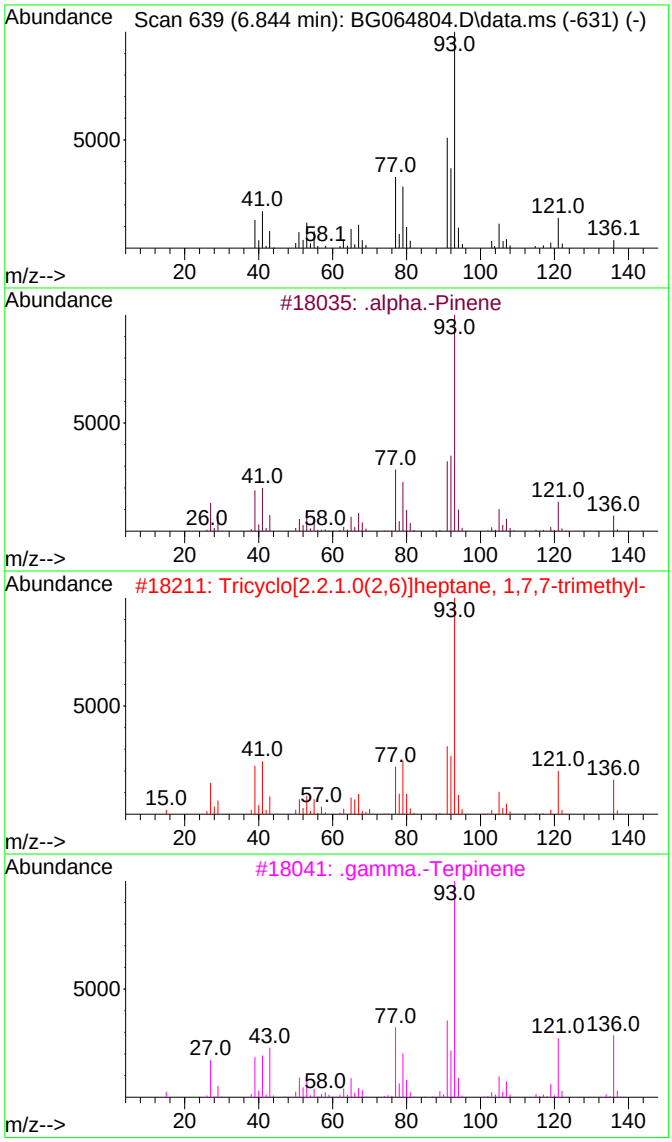
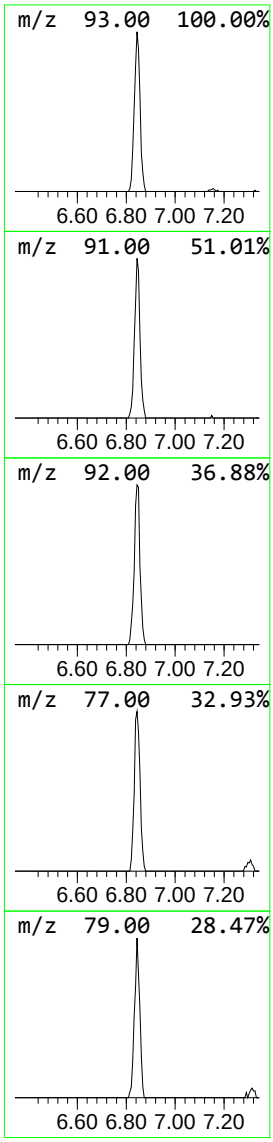
Peak Number 3 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.844	11.71 ng	143370	1,4-Dichlorobenzene-d4	8.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	.gamma.-Terpinene	136	C10H16	000099-85-4	90
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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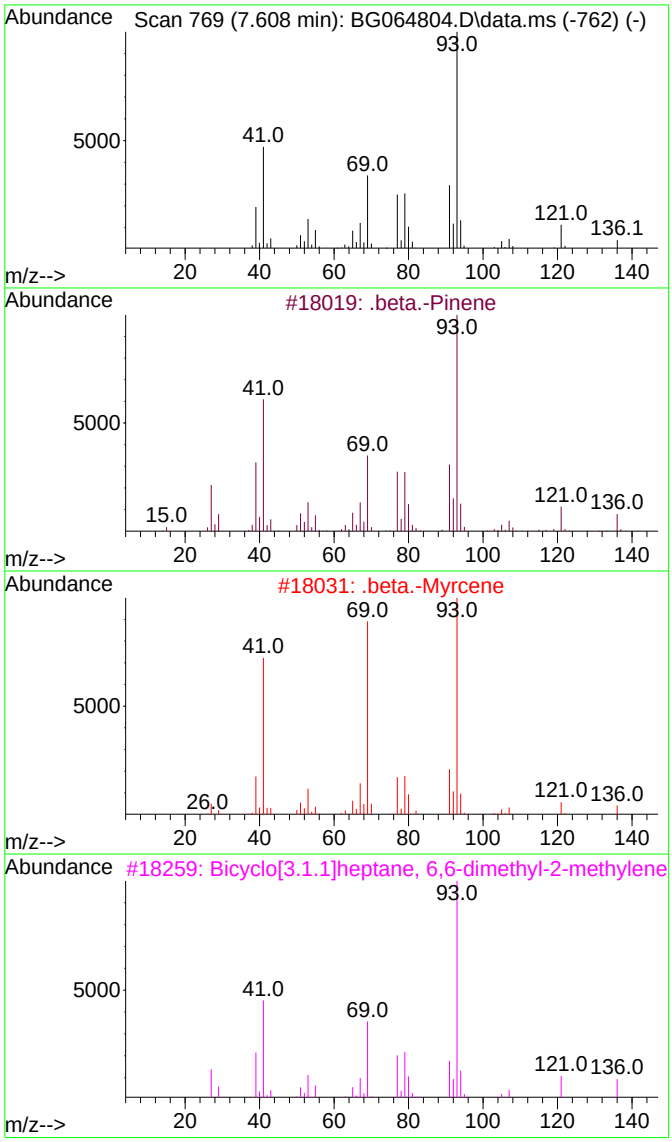
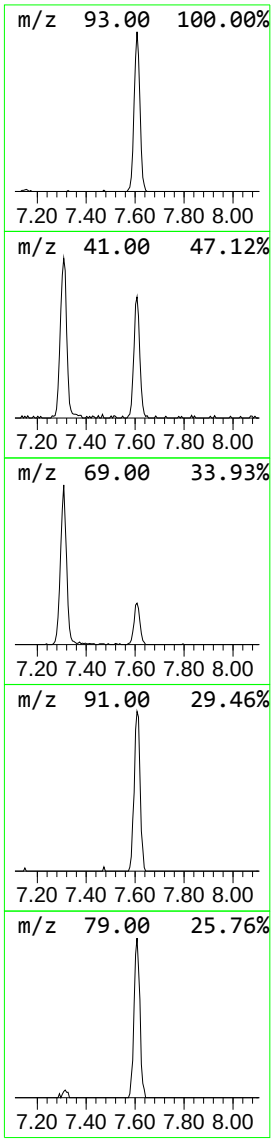
Peak Number 4 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.608	16.57 ng	202989	1,4-Dichlorobenzene-d4	8.160

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	95
2	.beta.-Myrcene	136	C10H16	000123-35-3	91
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	83
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
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Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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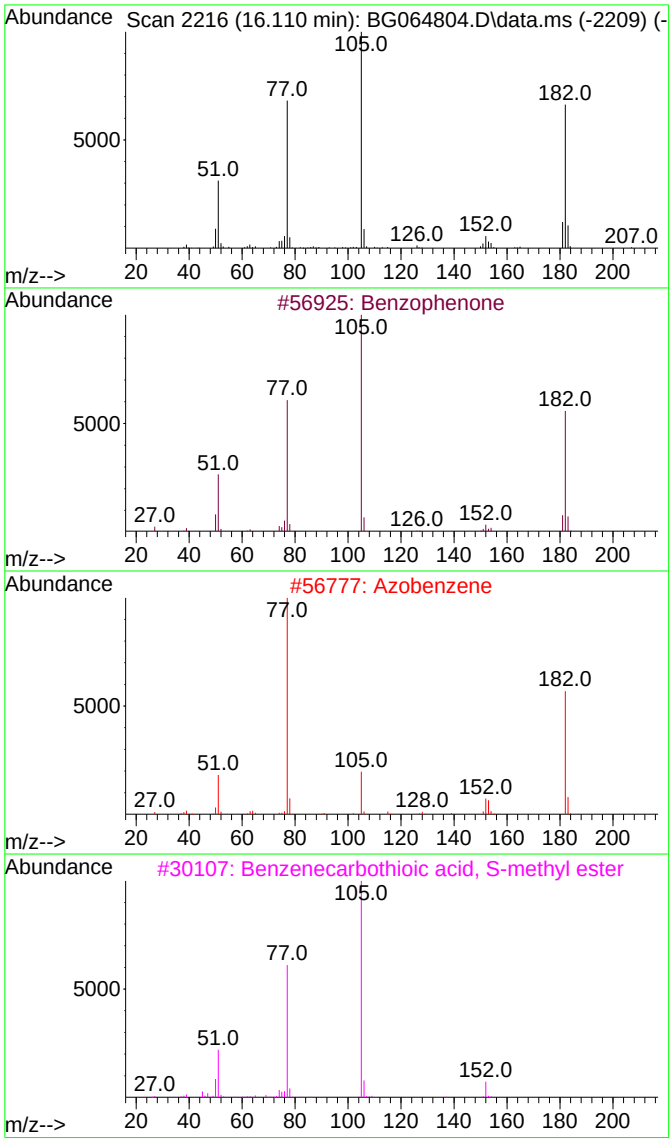
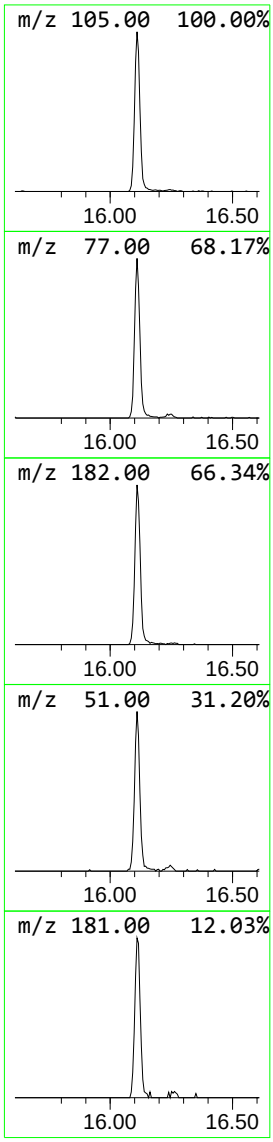
Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	11.38 ng	317671	Acenaphthene-d10	14.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	46
5	Phenylglyoxal	134	C8H6O2	001074-12-0	43





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Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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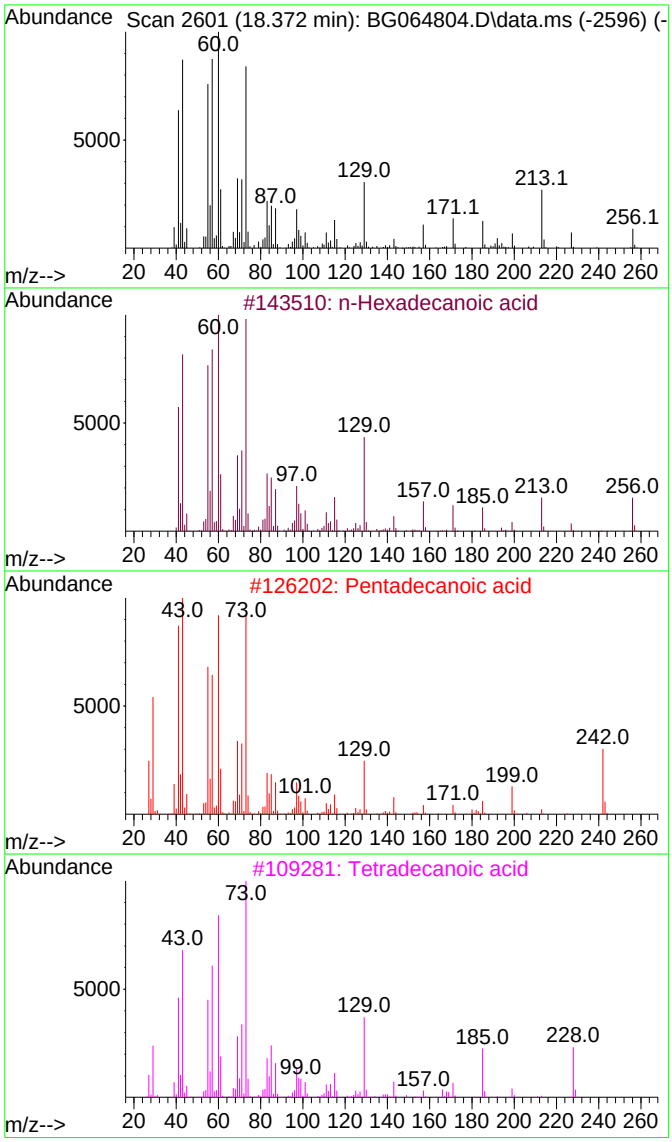
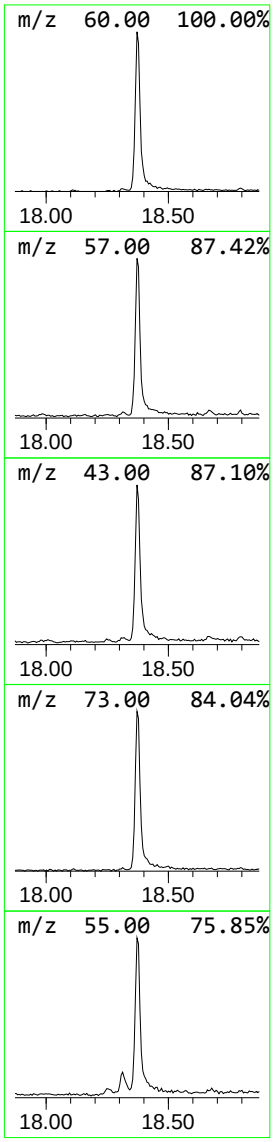
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	18.33 ng	687951	Phenanthrene-d10	17.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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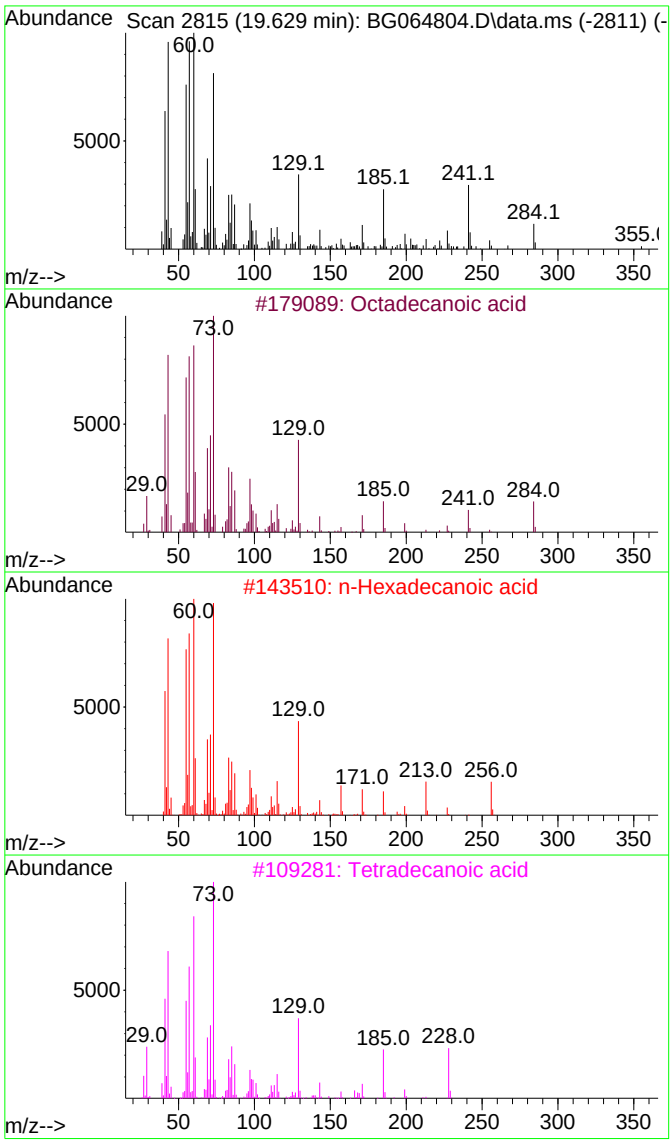
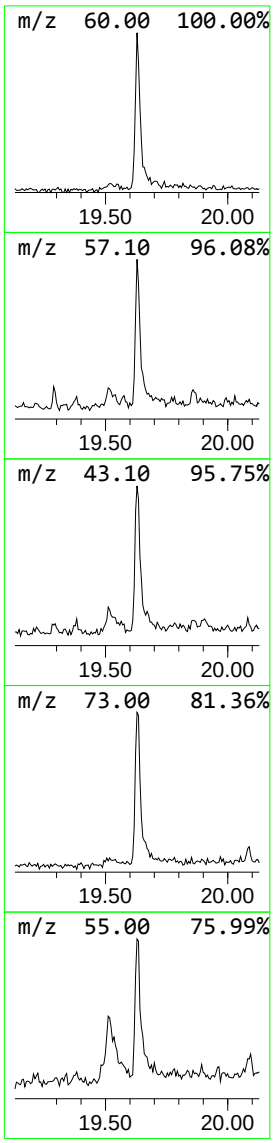
Peak Number 7 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.629	5.59 ng	258080	Chrysene-d12	21.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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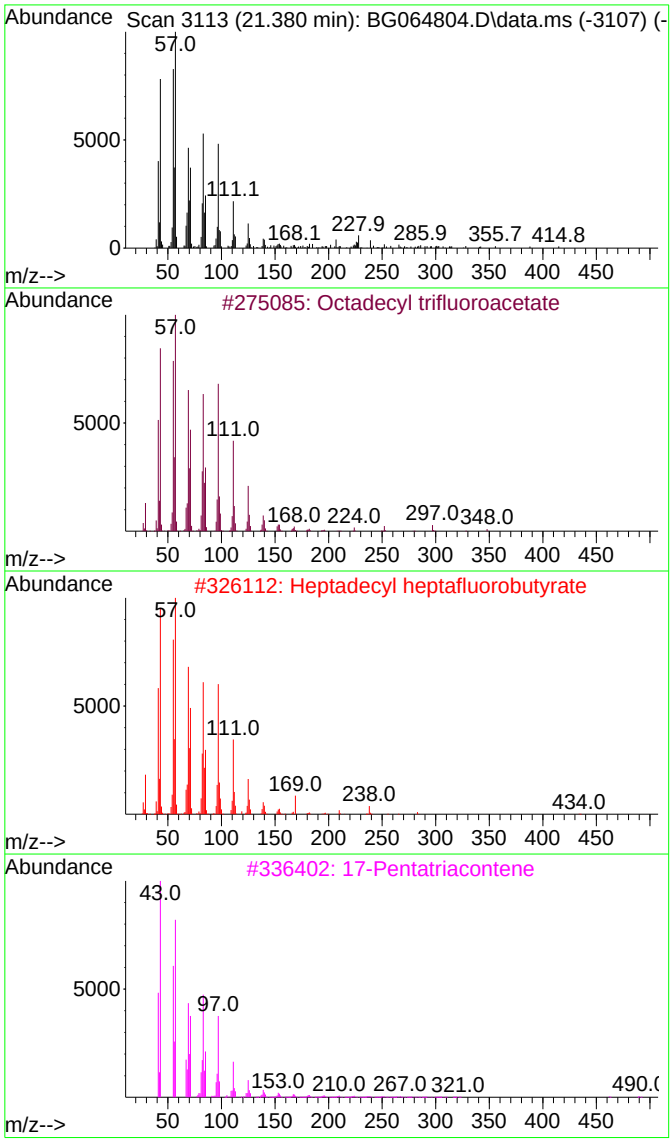
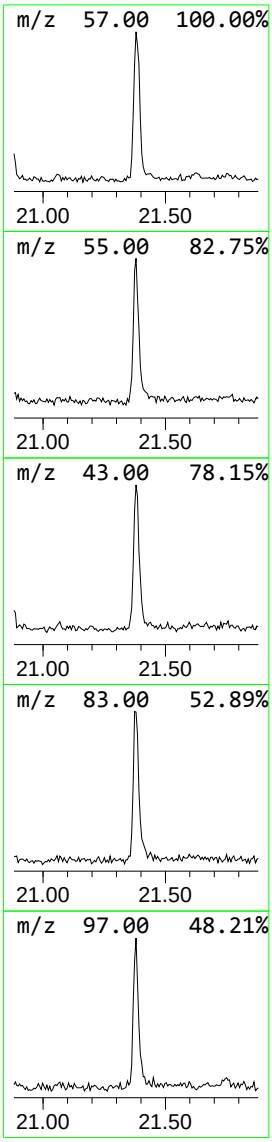
Peak Number 8 Octadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	6.93 ng	319722	Chrysene-d12	21.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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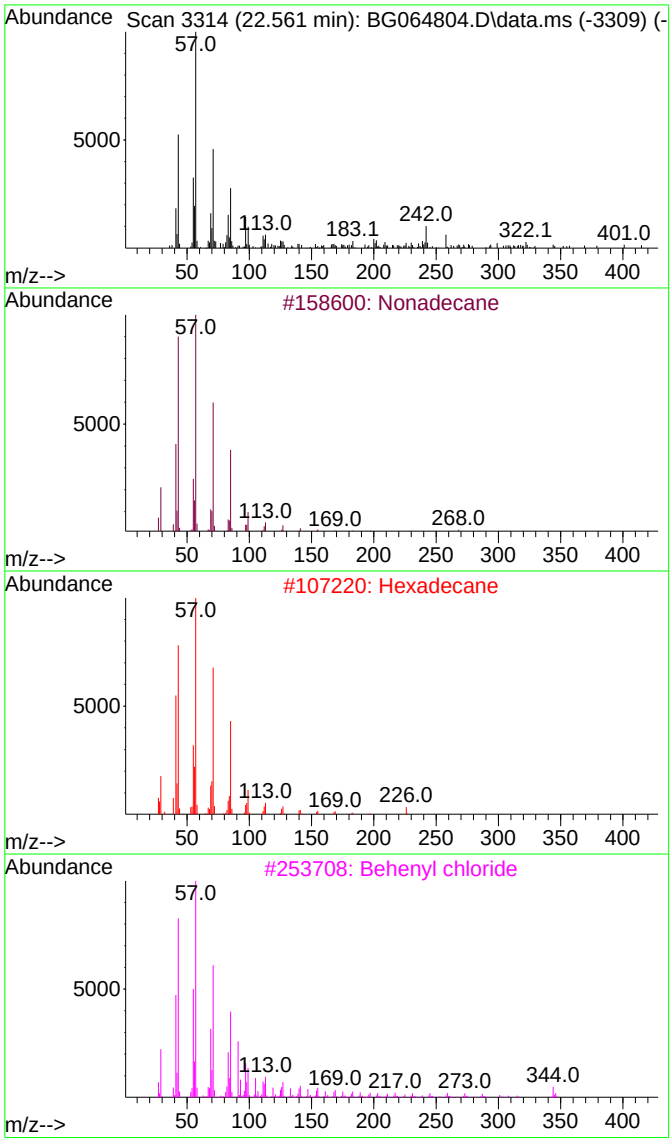
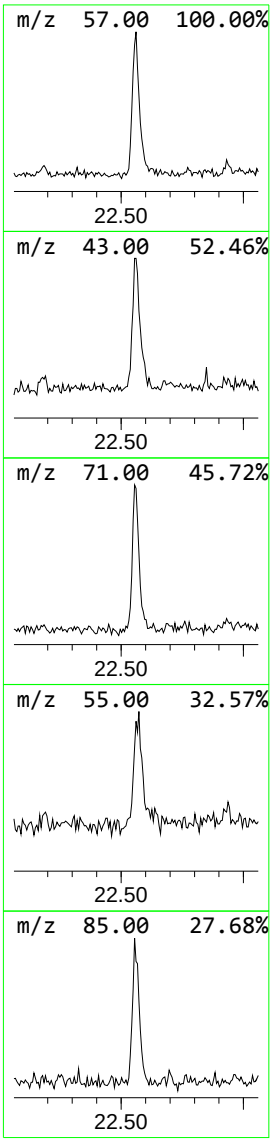
Peak Number 9 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.561	3.81 ng	175634	Chrysene-d12	21.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Hexadecane	226	C16H34	000544-76-3	83
3	Behenyl chloride	344	C22H45Cl	042217-03-8	74
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
5	Heptadecane	240	C17H36	000629-78-7	70





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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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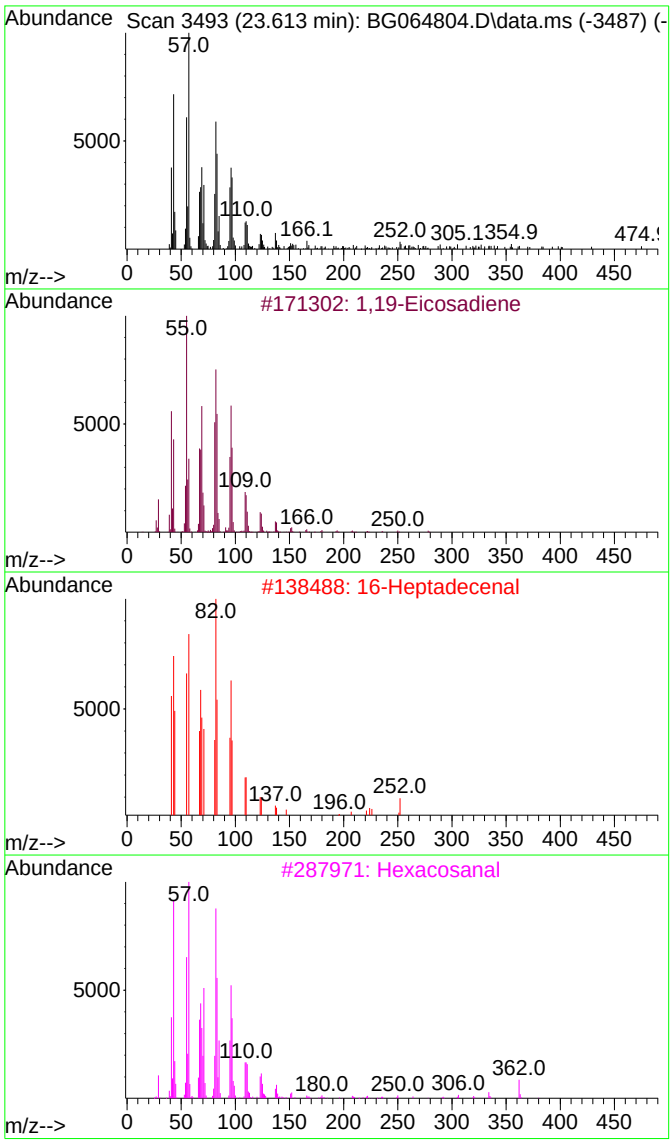
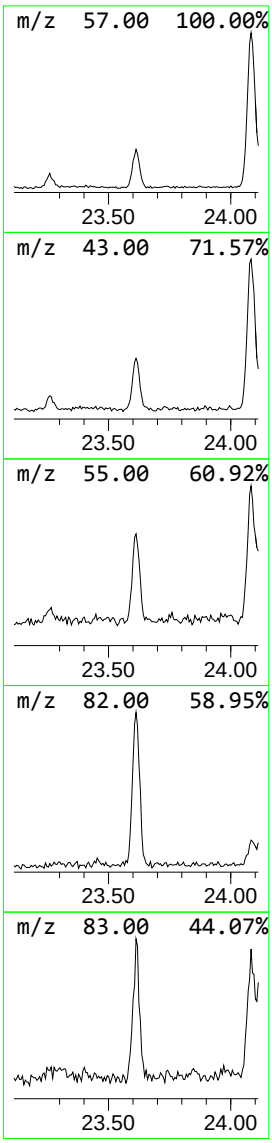
Peak Number 10 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.613	6.59 ng	288822	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	90
2	16-Heptadecenal	252	C17H32O	1010144-57-9	89
3	Hexacosanal	380	C26H52O	026627-85-0	87
4	Hexadecanal	240	C16H32O	000629-80-1	87
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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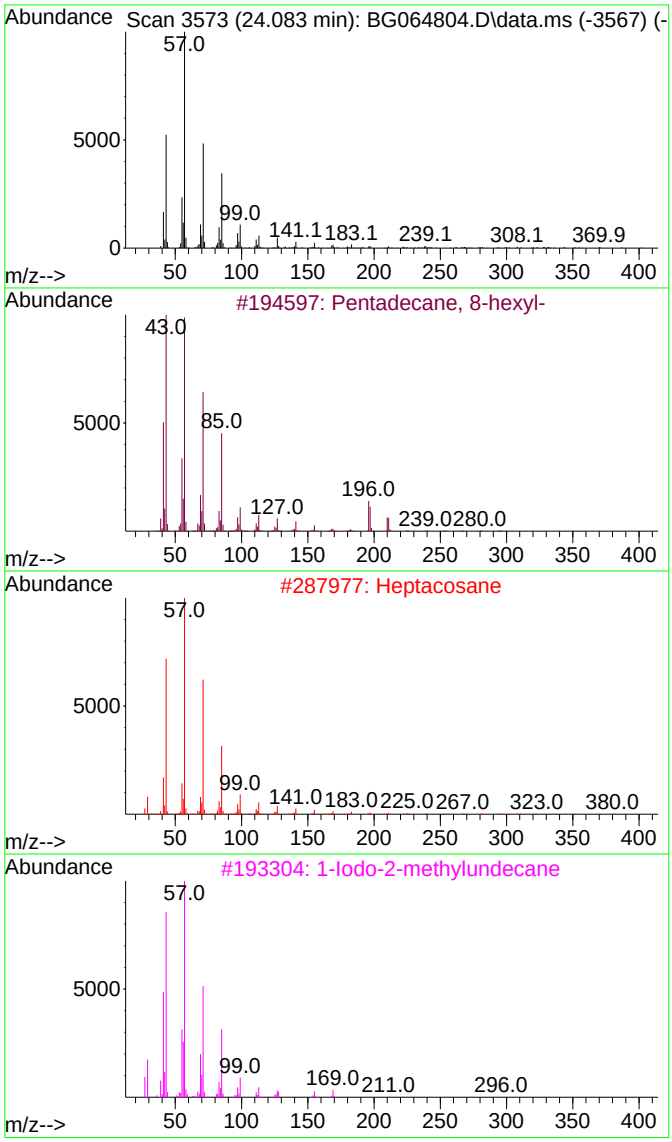
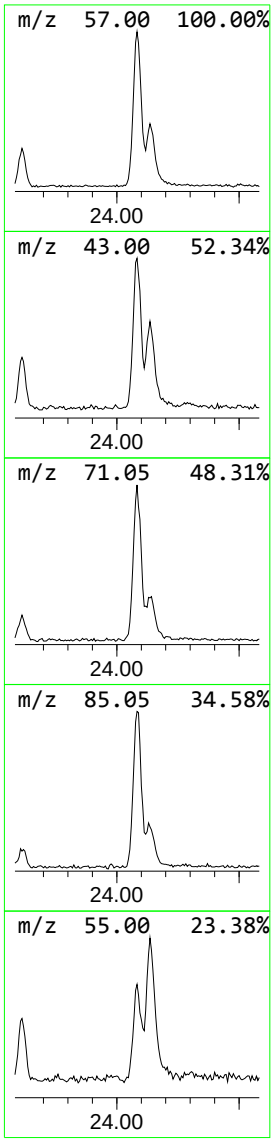
Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.083	12.33 ng	540251	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

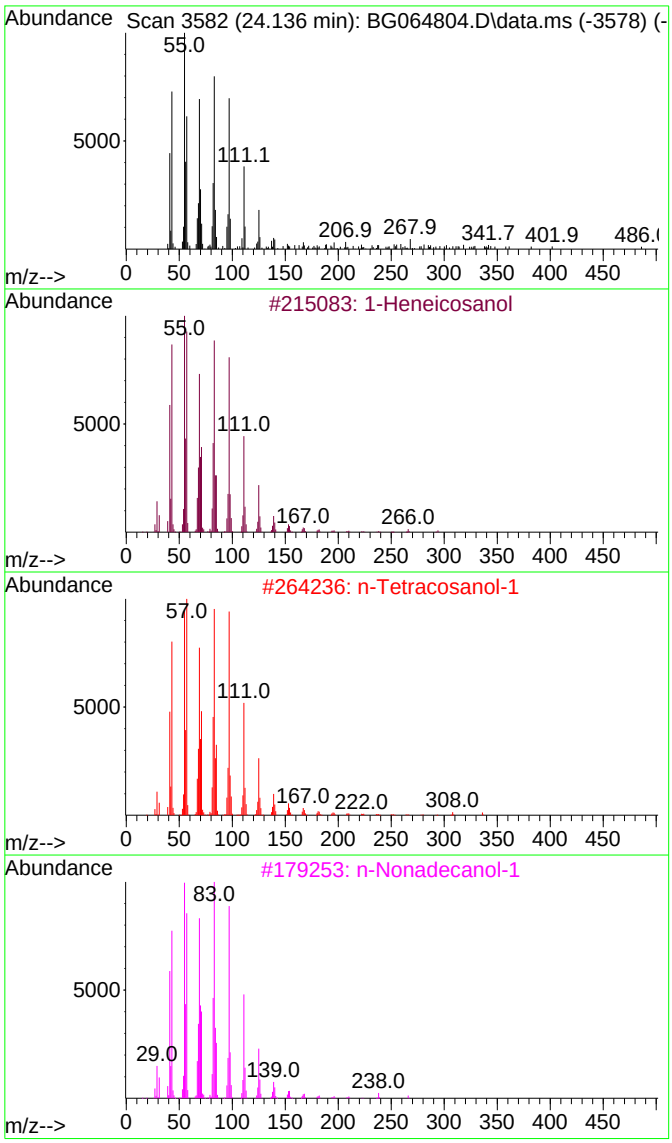
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

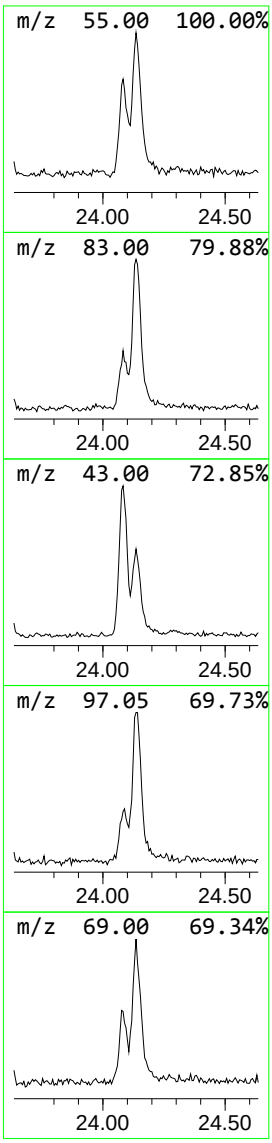
****

Peak Number 12 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.136	11.06 ng	484758	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	1-Tricosanol	340	C23H48O	003133-01-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

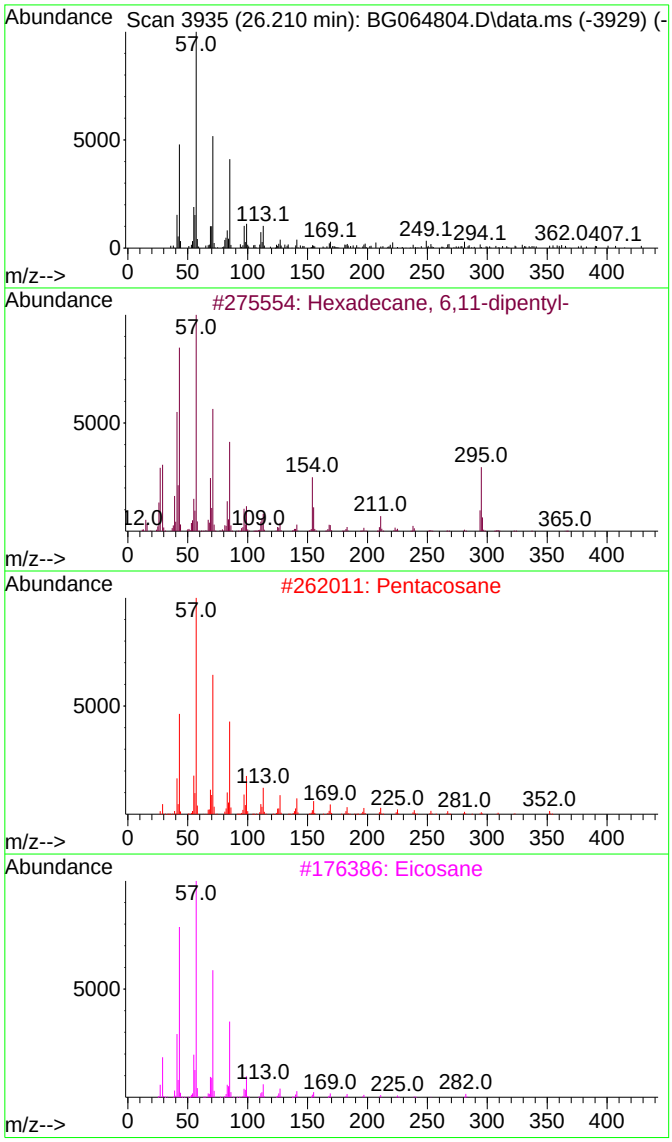
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

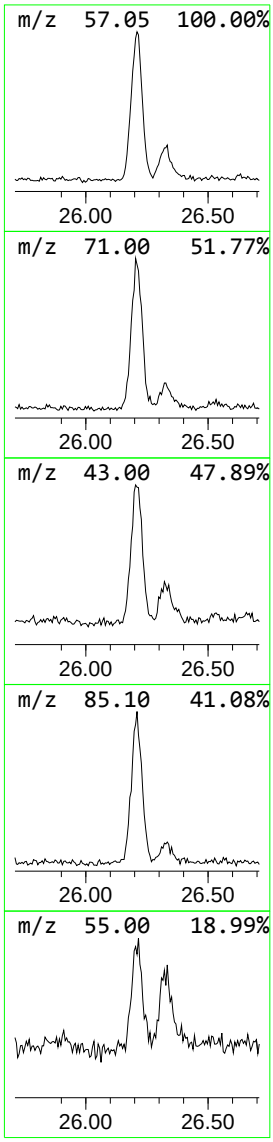
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecane, 6,11-dipentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.210	7.65 ng	335129	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	87
2	Pentacosane	352	C25H52	000629-99-2	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064804.D
Acq On : 18 Nov 2025 15:40
Operator : RC/JU
Sample : Q3658-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	6.844	11.7	ng	143370	1	8.160	244972	20.0
.beta.-Pinene	7.608	16.6	ng	202989	1	8.160	244972	20.0
Benzophenone	16.110	11.4	ng	317671	3	14.770	558230	20.0
n-Hexadecanoic ...	18.372	18.3	ng	687951	4	17.502	750820	20.0
Octadecanoic acid	19.629	5.6	ng	258080	5	21.750	922944	20.0
Octadecyl trifl...	21.380	6.9	ng	319722	5	21.750	922944	20.0
Nonadecane	22.561	3.8	ng	175634	5	21.750	922944	20.0
1,19-Eicosadiene	23.613	6.6	ng	288822	6	25.005	876372	20.0
Pentadecane, 8-...	24.083	12.3	ng	540251	6	25.005	876372	20.0
1-Heneicosanol	24.136	11.1	ng	484758	6	25.005	876372	20.0
Hexadecane, 6,1...	26.210	7.7	ng	335129	6	25.005	876372	20.0