LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	316	321	330	rVB	50721	77370	4.13%	0.777%
2	5.440	391	400	415	rBV	388925	615666	32.84%	6.186%
3	7.020	661	669	681	rVB	449445	758426	40.46%	7.620%
4	7.854	804	811	818	rBV2	113456	189952	10.13%	1.909%
5	9.006	999	1007	1018	rBV	267823	483661	25.80%	4.860%
6	10.645	1278	1286	1295	rBV	167579	299039	15.95%	3.005%
7	13.107	1697	1705	1712	rBV	745598	1190025	63.48%	11.957%
8	14.482	1930	1939	1946	rBV	304956	473336	25.25%	4.756%
9	15.833	2164	2169	2175	rVB	153816	217513	11.60%	2.186%
10	15.963	2184	2191	2200	rBV	685968	1041964	55.59%	10.469%
11	16.397	2258	2265	2269	rBV4	14418	25493	1.36%	0.256%
12	17.032	2369	2373	2374	rBV4	21106	27749	1.48%	0.279%
13	17.220	2399	2405	2411	rBV	395102	592384	31.60%	5.952%
14	17.302	2415	2419	2427	rVV6	30105	73508	3.92%	0.739%
15	17.472	2444	2448	2449	rBV4	15877	20368	1.09%	0.205%
16	17.531	2455	2458	2465	rBV7	29988	58271	3.11%	0.585%
17	18.007	2536	2539	2544	rBV5	33033	60653	3.24%	0.609%
18	18.125	2554	2559	2565	rBV	181932	267773	14.28%	2.690%
19	19.270	2751	2754	2759	rVB3	60099	80052	4.27%	0.804%
20	19.394	2772	2775	2779	rBV3	57746	71512	3.81%	0.719%
21	19.629	2813	2815	2818	rBV2	35714	39442	2.10%	0.396%
22	19.840	2845	2851	2856	rBV	1478587	1874505	100.00%	18.834%
23	21.127	3067	3070	3077	rBV2	81651	126740	6.76%	1.273%
24	21.450	3119	3125	3130	rVB	383536	627563	33.48%	6.306%
25	24.458	3629	3637	3648	rVB	256670	659585	35.19%	6.627%

Sum of corrected areas: 9952550

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
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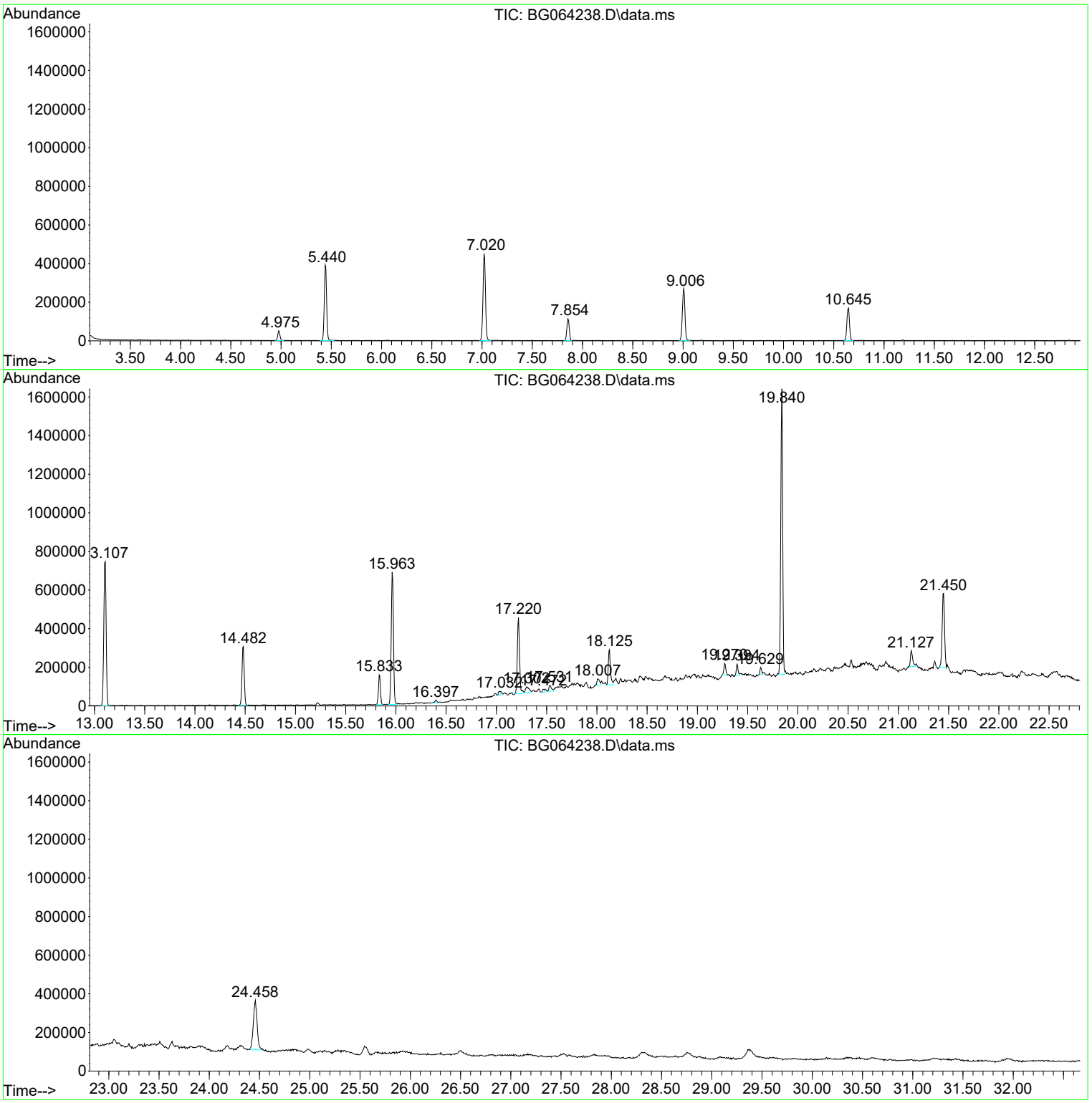
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG082925\
Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
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Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

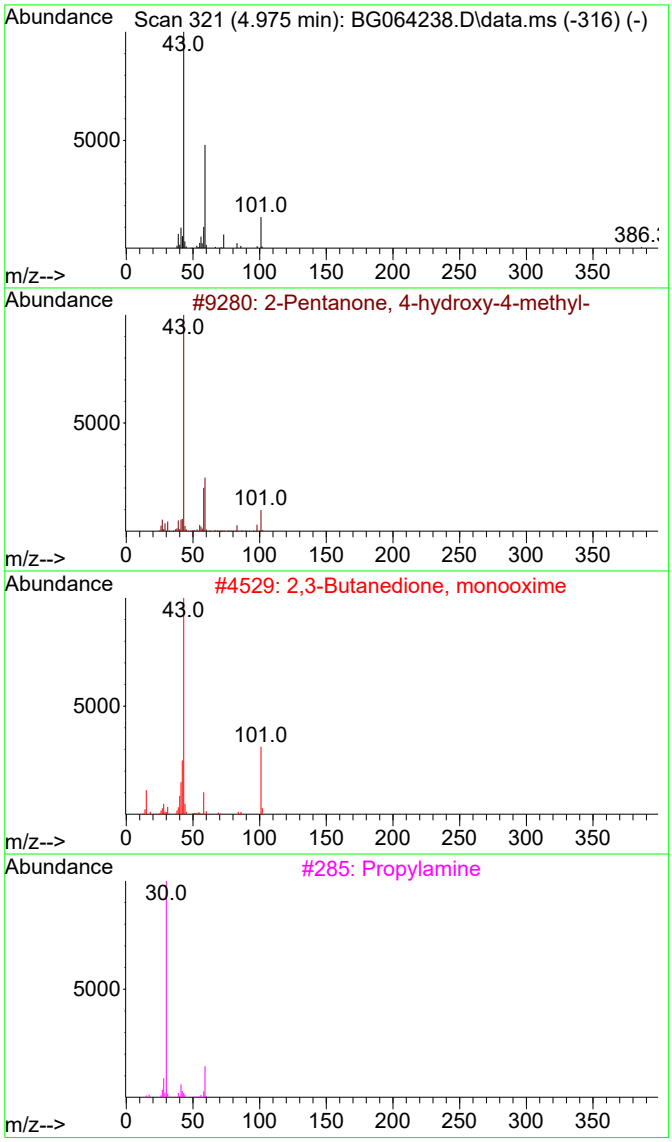
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

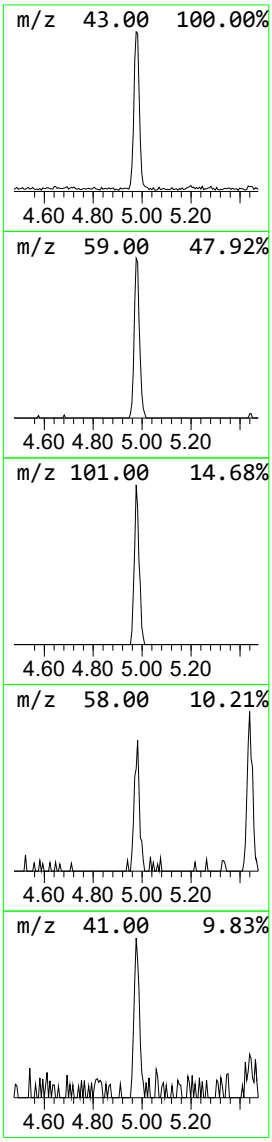
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	8.15 ng	77370	1,4-Dichlorobenzene-d4	7.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Propylamine	59	C3H9N	000107-10-8	9
4	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

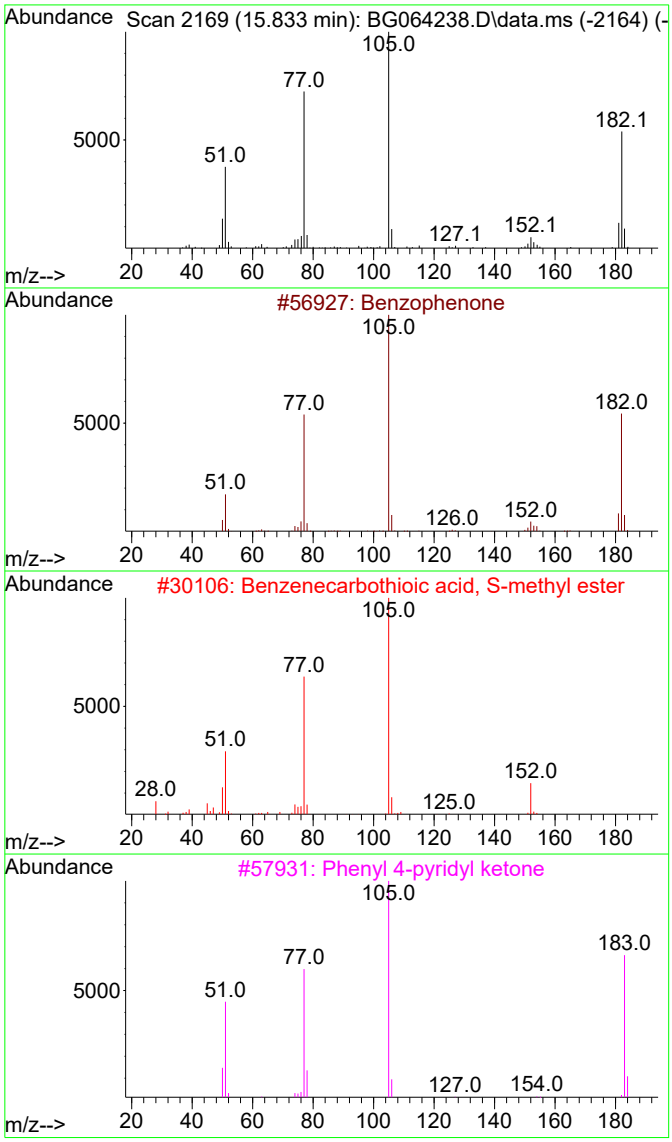
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

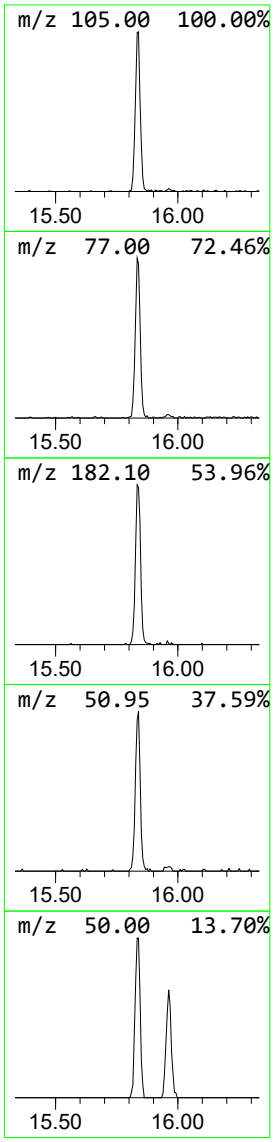
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	9.19 ng	217513	Acenaphthene-d10	14.482

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Azobenzene	182	C12H10N2	000103-33-3	58
5	Benzoylformic acid	150	C8H6O3	000611-73-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

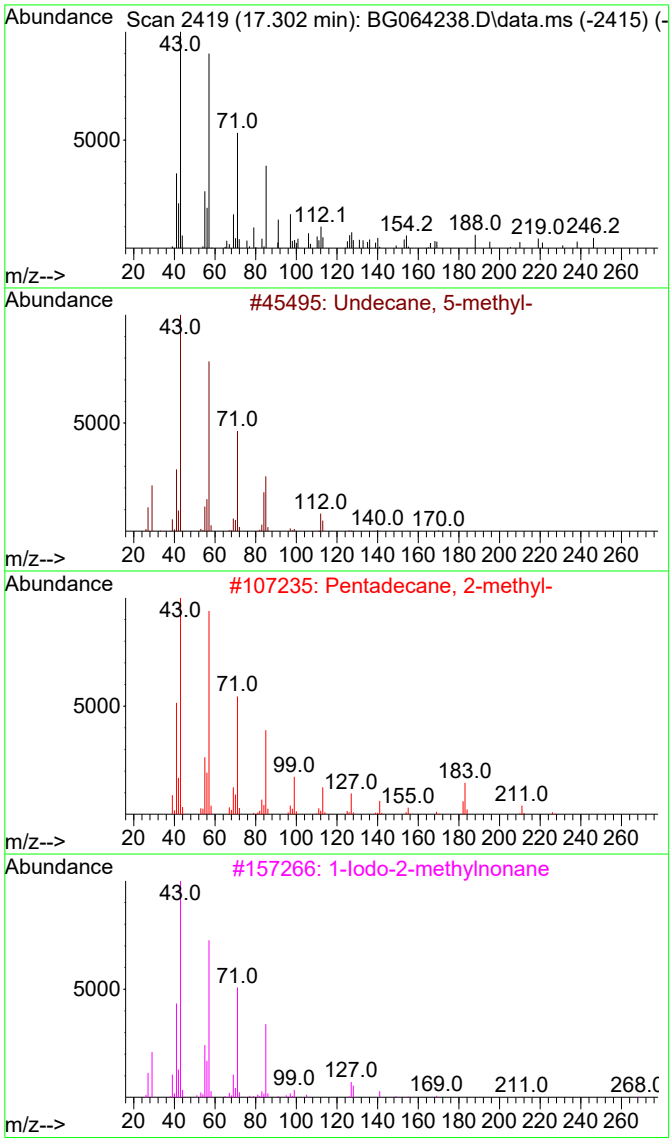
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

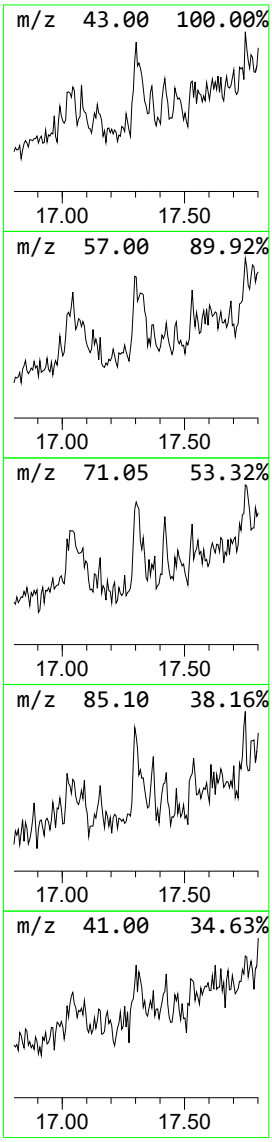
****

Peak Number 3 Undecane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.302	2.48 ng	73508	Phenanthrene-d10	17.220

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	59
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
4	10-Methylnonadecane	282	C20H42	056862-62-5	53
5	2-Bromononane	206	C9H19Br	002216-35-5	53





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Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

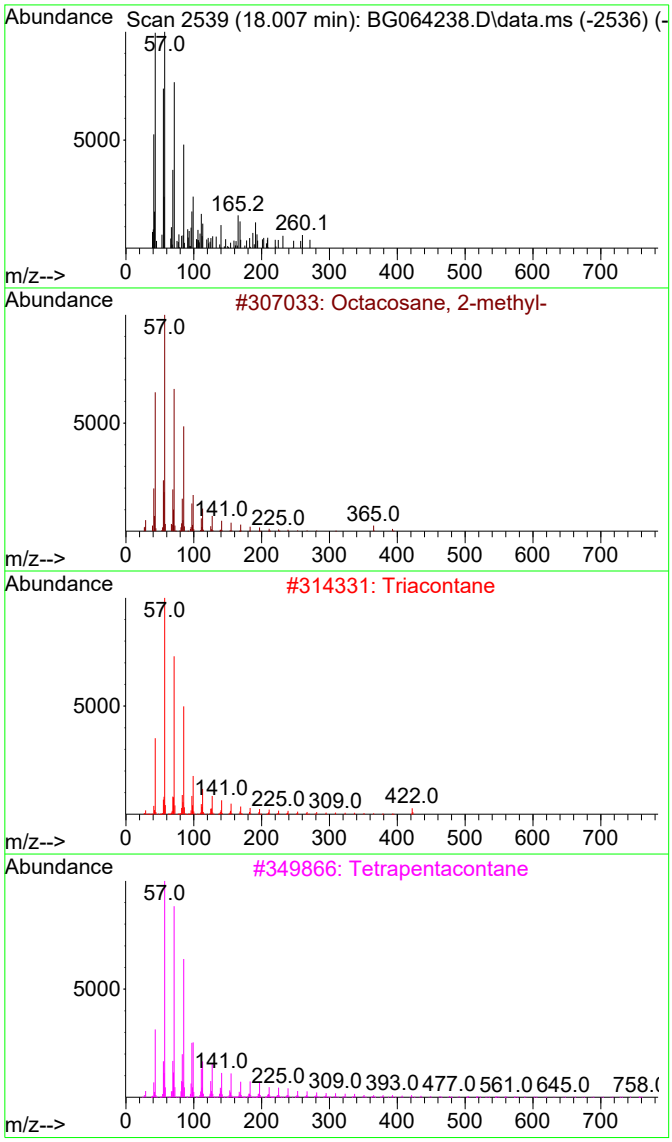
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

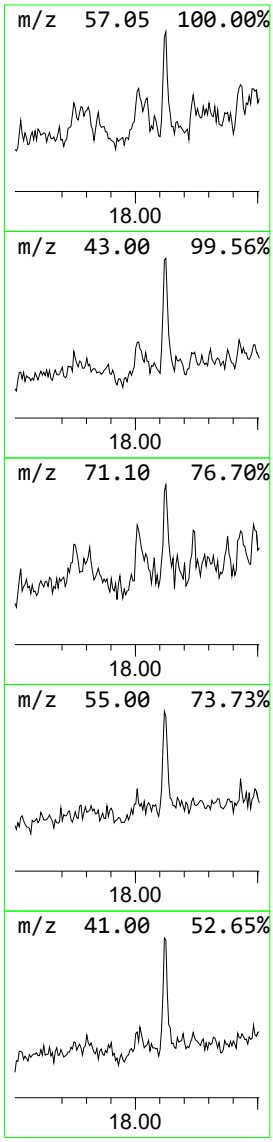
****

Peak Number 4 Octacosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	2.05 ng	60653	Phenanthrene-d10	17.220

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	59
2	Triacontane	422	C30H62	000638-68-6	59
3	Tetrapentacontane	759	C54H110	005856-66-6	59
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	59
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

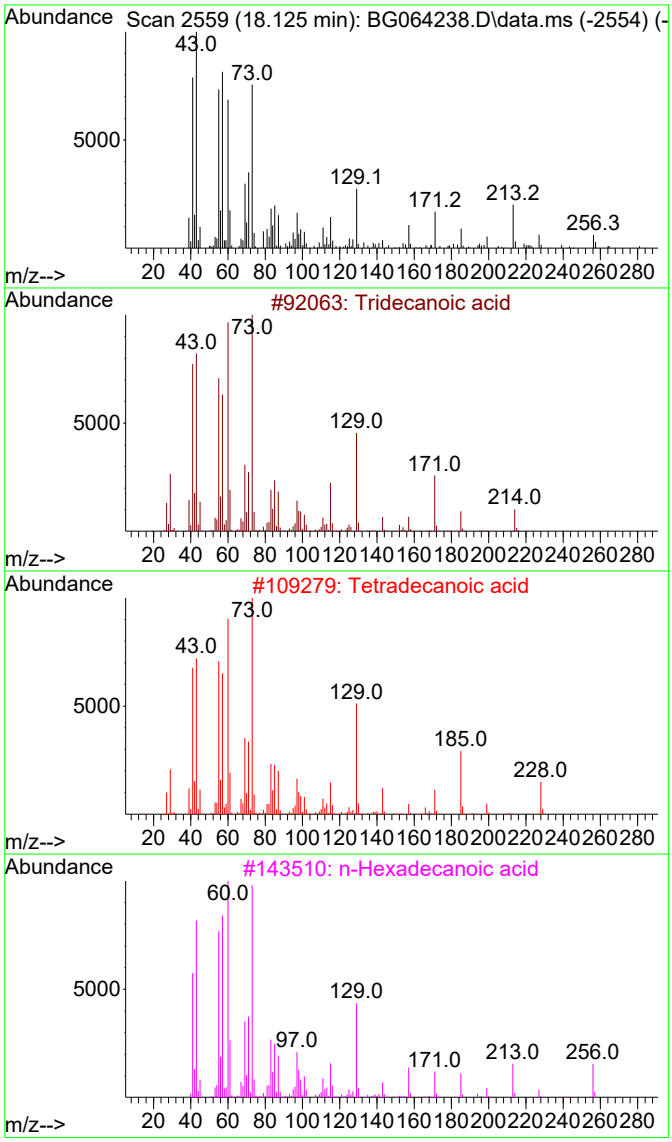
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

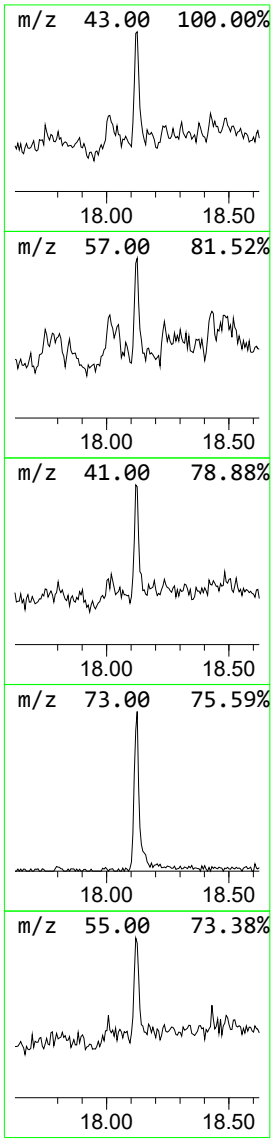
****

Peak Number 5 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	9.04 ng	267773	Phenanthrene-d10	17.220

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

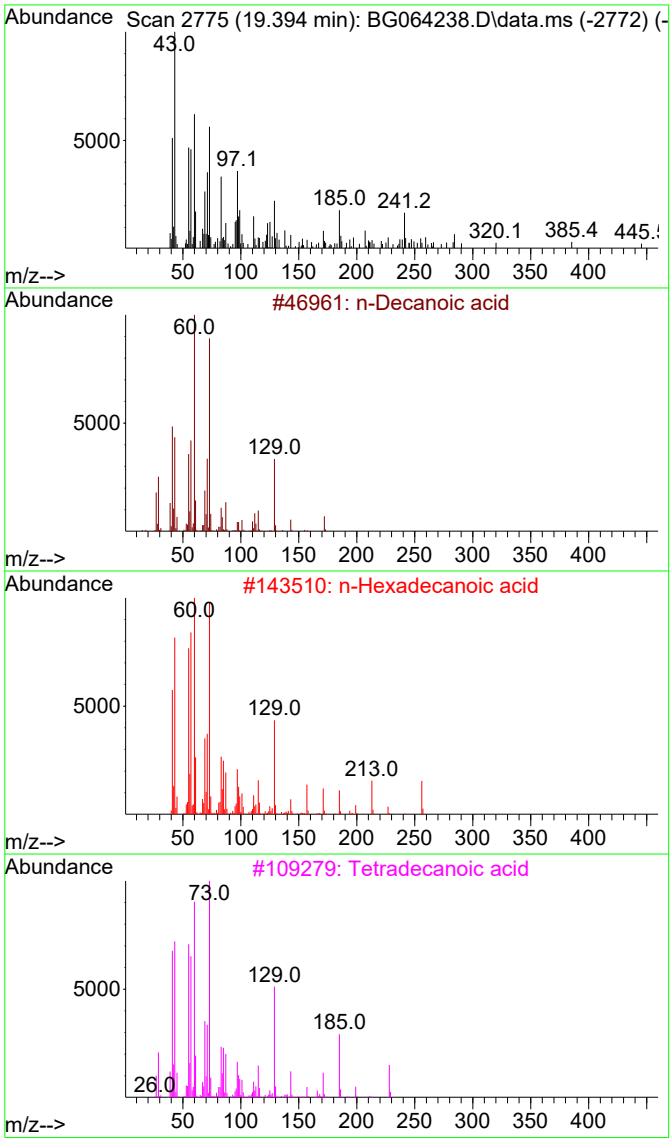
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

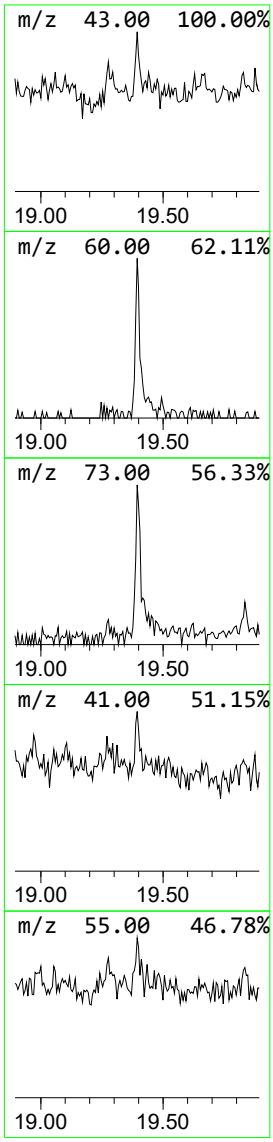
****

Peak Number 7 n-Decanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.394	2.28 ng	71512	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	50
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Octadecanoic acid	284	C18H36O2	000057-11-4	38





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BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

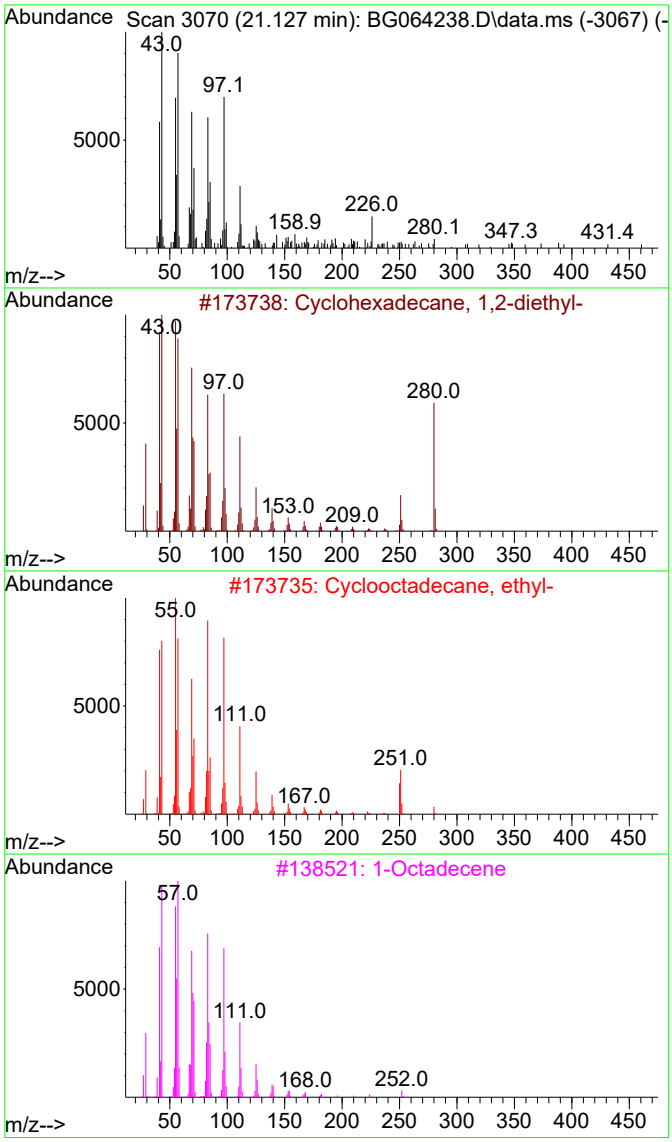
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

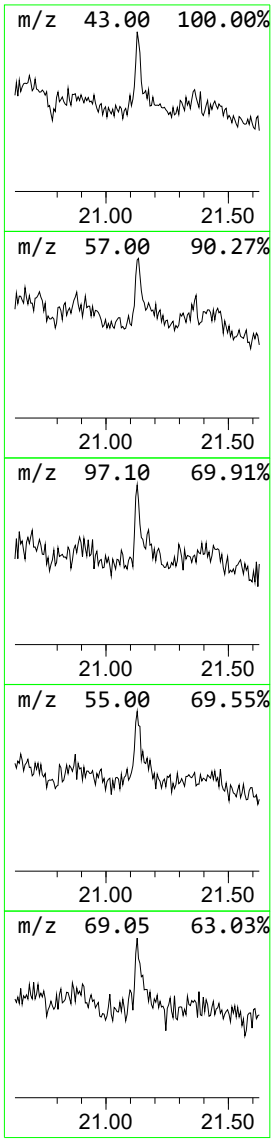
****

Peak Number 8 Cyclohexadecane, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	4.04 ng	126740	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	86
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	76
3	1-Octadecene	252	C18H36	000112-88-9	76
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	74
5	1-Eicosene	280	C20H40	003452-07-1	74





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-...	4.975	8.2	ng	77370	1	7.854	189952	20.0
Benzophenone	15.833	9.2	ng	217513	3	14.482	473336	20.0
Undecane, 5-met...	17.302	2.5	ng	73508	4	17.220	592384	20.0
Octacosane, 2-m...	18.007	2.0	ng	60653	4	17.220	592384	20.0
Tridecanoic acid	18.125	9.0	ng	267773	4	17.220	592384	20.0
n-Decanoic acid	19.394	2.3	ng	71512	5	21.450	627563	20.0
Cyclohexadecane...	21.127	4.0	ng	126740	5	21.450	627563	20.0