LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054811.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.596	215	222	236	rVB	235988	358579	10.90%	1.966%
2	5.218	320	328	338	rBV	1069530	1701009	51.69%	9.324%
3	5.689	401	408	421	rVB	302090	486292	14.78%	2.666%
4	6.194	487	494	503	rBV	47022	78109	2.37%	0.428%
5	7.298	674	682	694	rBV	669777	1173277	35.66%	6.431%
6	8.150	819	827	832	rBV	178755	304167	9.24%	1.667%
7	8.197	832	835	845	rVB	24380	36291	1.10%	0.199%
8	9.325	1018	1027	1038	rBV	566457	1038220	31.55%	5.691%
9	10.976	1301	1308	1315	rBV	245875	447312	13.59%	2.452%
10	13.409	1713	1722	1729	rBV	1638315	2567909	78.04%	14.076%
11	14.226	1854	1861	1867	rBV	30807	54239	1.65%	0.297%
12	14.784	1944	1956	1962	rVV	397425	632787	19.23%	3.469%
13	14.848	1962	1967	1974	rVB	27971	44578	1.35%	0.244%
14	15.177	2014	2023	2031	rBV2	20938	39517	1.20%	0.217%
15	15.600	2091	2095	2101	rVB2	26264	33507	1.02%	0.184%
16	15.824	2126	2133	2139	rBV2	24300	41802	1.27%	0.229%
17	16.264	2203	2208	2217	rBV	256146	415299	12.62%	2.276%
18	16.464	2237	2242	2244	rBV	28423	42983	1.31%	0.236%
19	17.257	2372	2377	2381	rBV2	40869	59800	1.82%	0.328%
20	17.528	2416	2423	2427	rBV	468347	726614	22.08%	3.983%
21	17.569	2427	2430	2437	rVV	251877	395217	12.01%	2.166%
22	17.663	2439	2446	2452	rVV	55478	91139	2.77%	0.500%
23	17.927	2486	2491	2498	rBV	24992	47447	1.44%	0.260%
24	17.998	2499	2503	2507	rVB	34030	42733	1.30%	0.234%
25	18.403	2567	2572	2576	rBV	36790	56642	1.72%	0.310%
26	18.450	2576	2580	2587	rVV2	49182	86943	2.64%	0.477%
27	18.597	2599	2605	2609	rBV2	50411	103916	3.16%	0.570%
28	18.632	2609	2611	2617	rVB2	31158	42442	1.29%	0.233%
29	18.685	2617	2620	2625	rBV	34305	46798	1.42%	0.257%
30	18.897	2652	2656	2660	rBV	28829	39267	1.19%	0.215%
31	18.938	2660	2663	2672	rVB4	25505	45382	1.38%	0.249%
32	19.314	2722	2727	2733	rBV	66418	117000	3.56%	0.641%
33	19.455	2746	2751	2757	rBV4	28587	68089	2.07%	0.373%
34	19.578	2766	2772	2778	rBV	395523	570043	17.32%	3.125%
35	19.907	2821	2828	2829	rBV3	60951	123968	3.77%	0.680%
36	19.937	2829	2833	2841	rVB	362031	546629	16.61%	2.996%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.130	2860	2866	2872	rBV	2526157	3290601	100.00%	18.037%
38	20.418	2911	2915	2920	rVB2	74567	108129	3.29%	0.593%
39	20.918	2997	3000	3003	rVB	44461	50082	1.52%	0.275%
40	21.435	3084	3088	3092	rVB	128093	169918	5.16%	0.931%
41	21.823	3146	3154	3159	rBV2	456444	999706	30.38%	5.480%
42	21.870	3160	3162	3171	rVB	137186	209871	6.38%	1.150%
43	25.201	3721	3729	3739	rVB	250014	709107	21.55%	3.887%

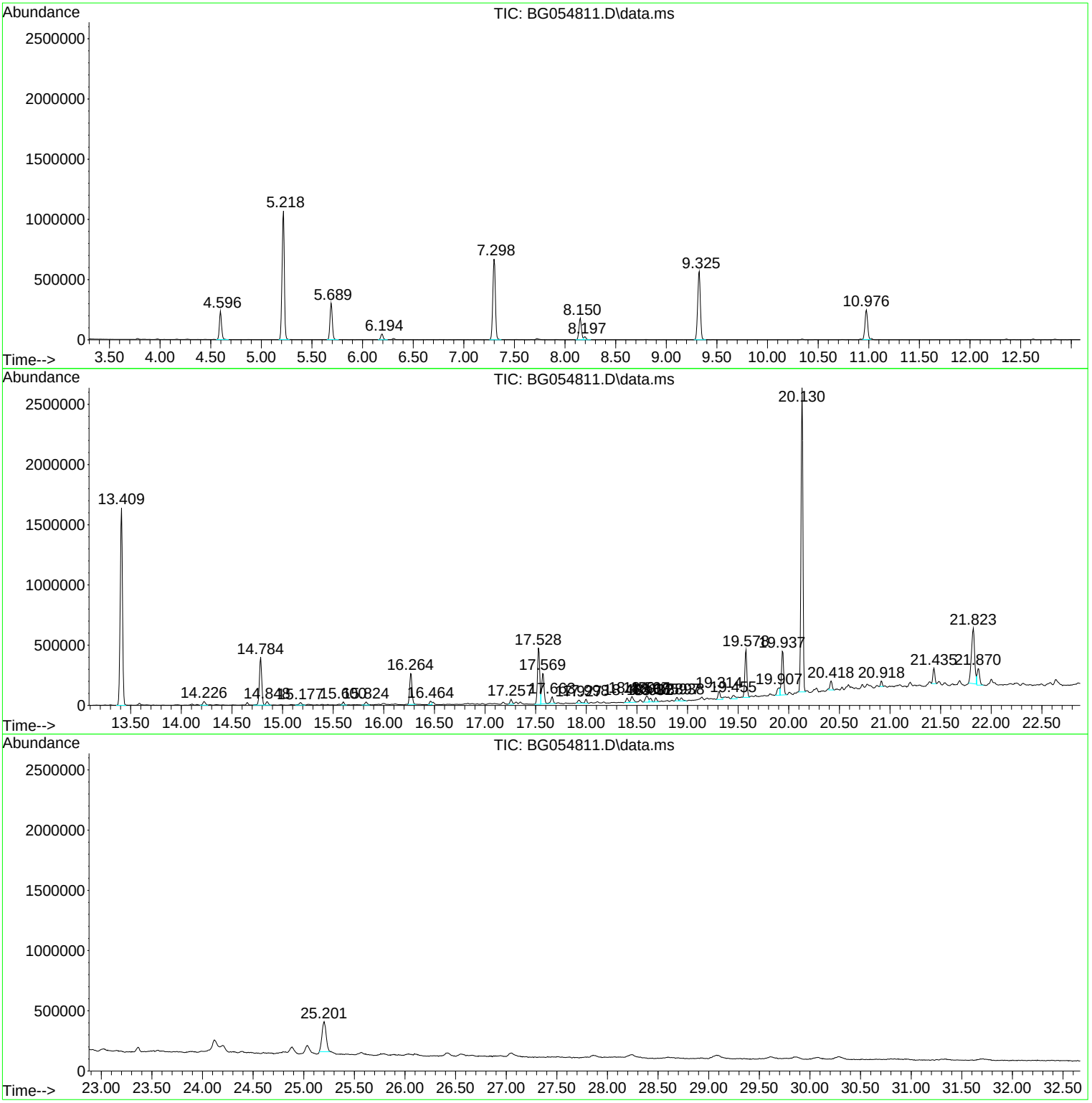
Sum of corrected areas: 18243360

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

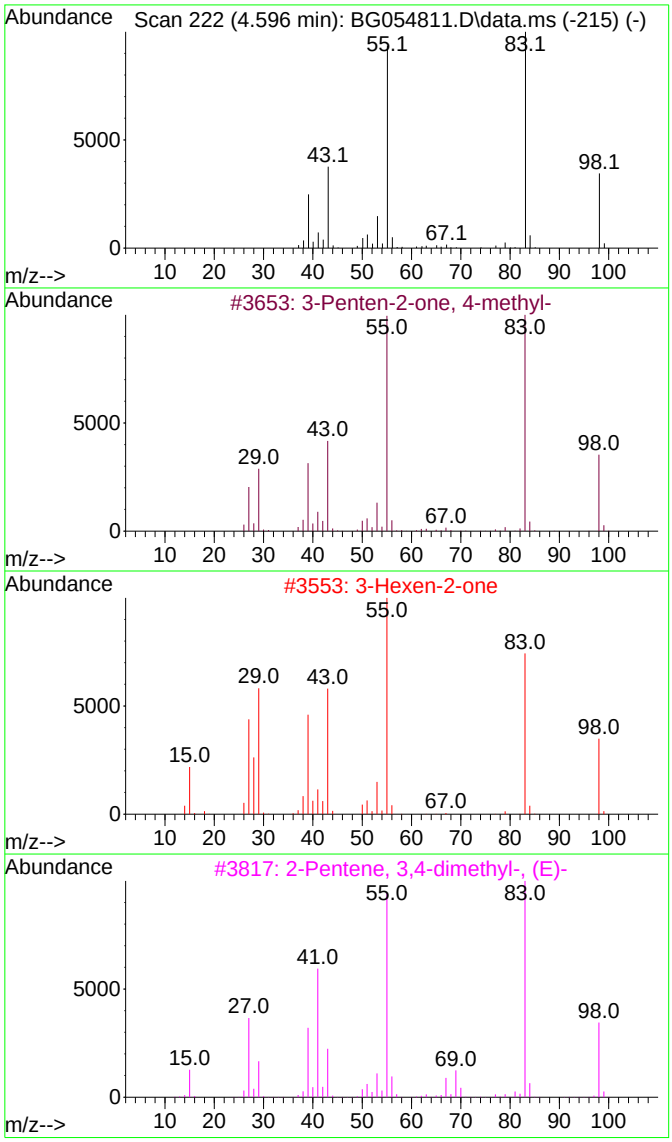
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

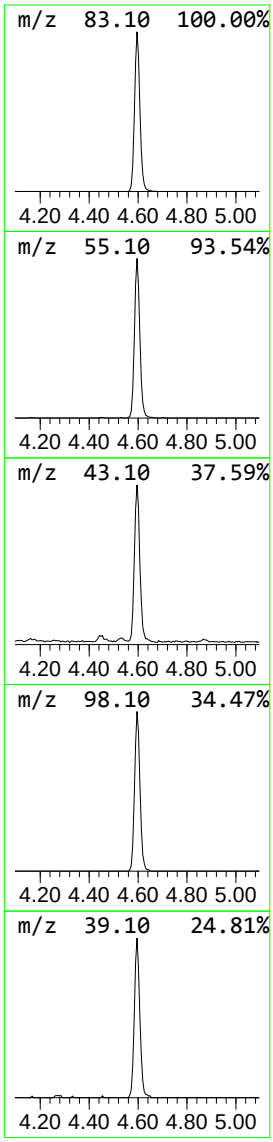
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.596	23.58 ng	358579	1,4-Dichlorobenzene-d4	8.150

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

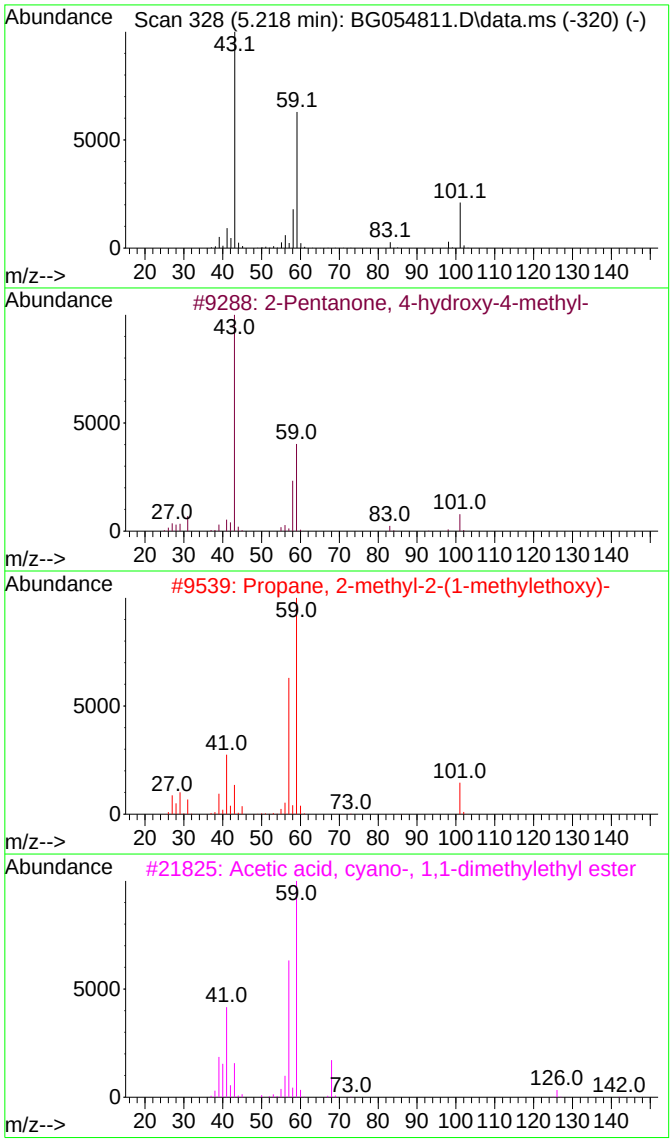
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

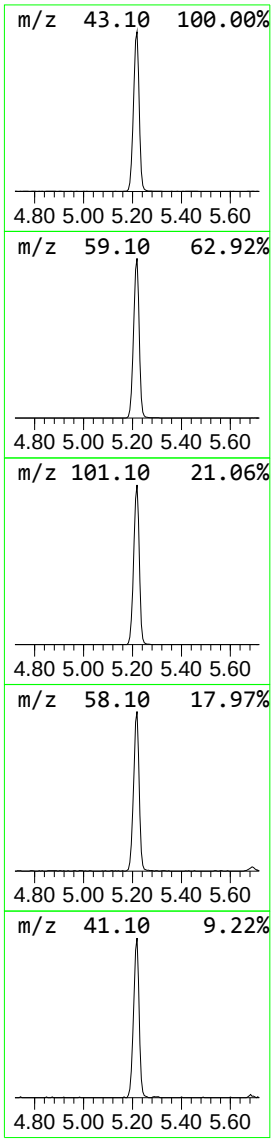
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.218	111.85 ng	1701010	1,4-Dichlorobenzene-d4	8.150

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

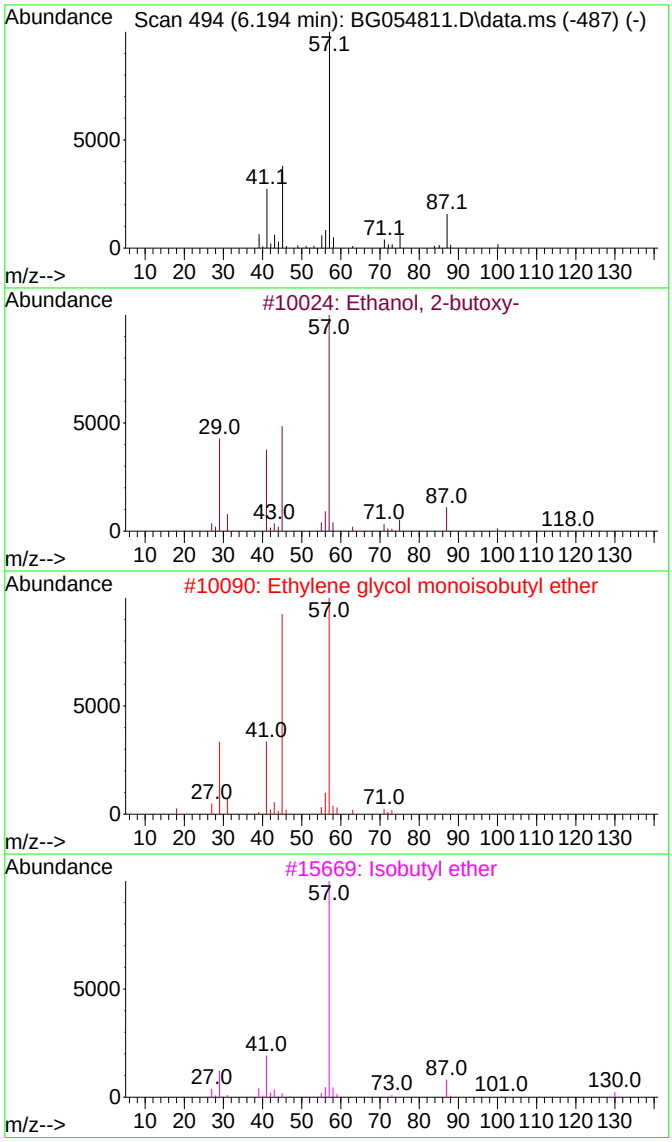
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

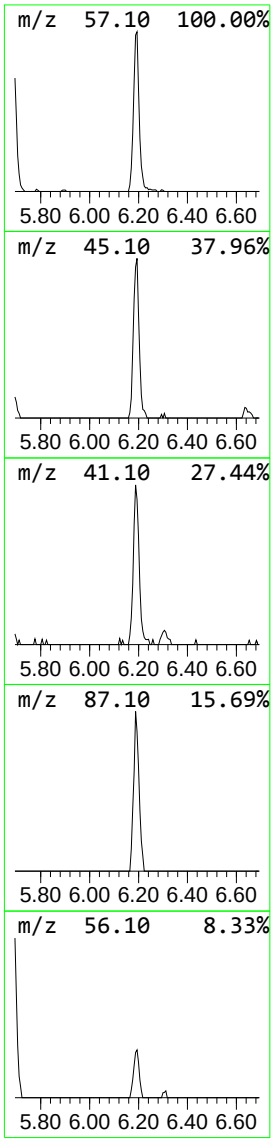
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.194	5.14 ng	78109	1,4-Dichlorobenzene-d4	8.150

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
3	Isobutyl ether	130	C8H18O	000628-55-7	32
4	n-Butyl ether	130	C8H18O	000142-96-1	32
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

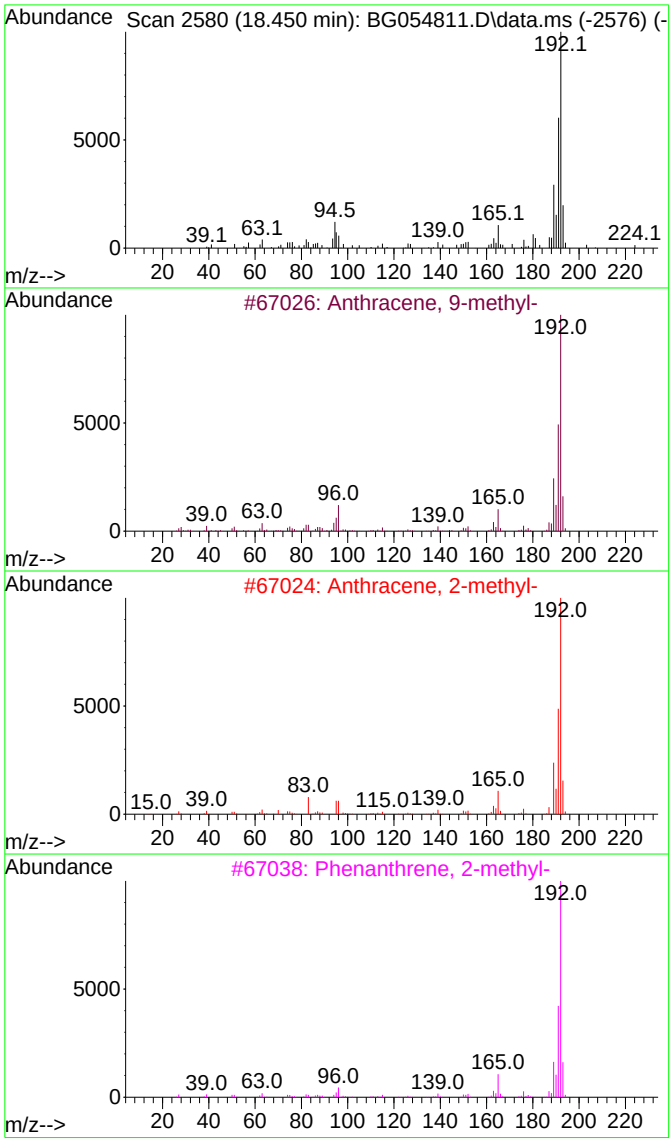
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

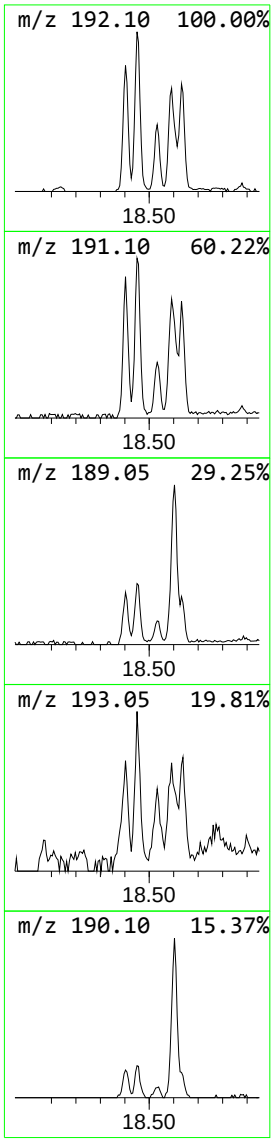
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	2.39 ng	86943	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

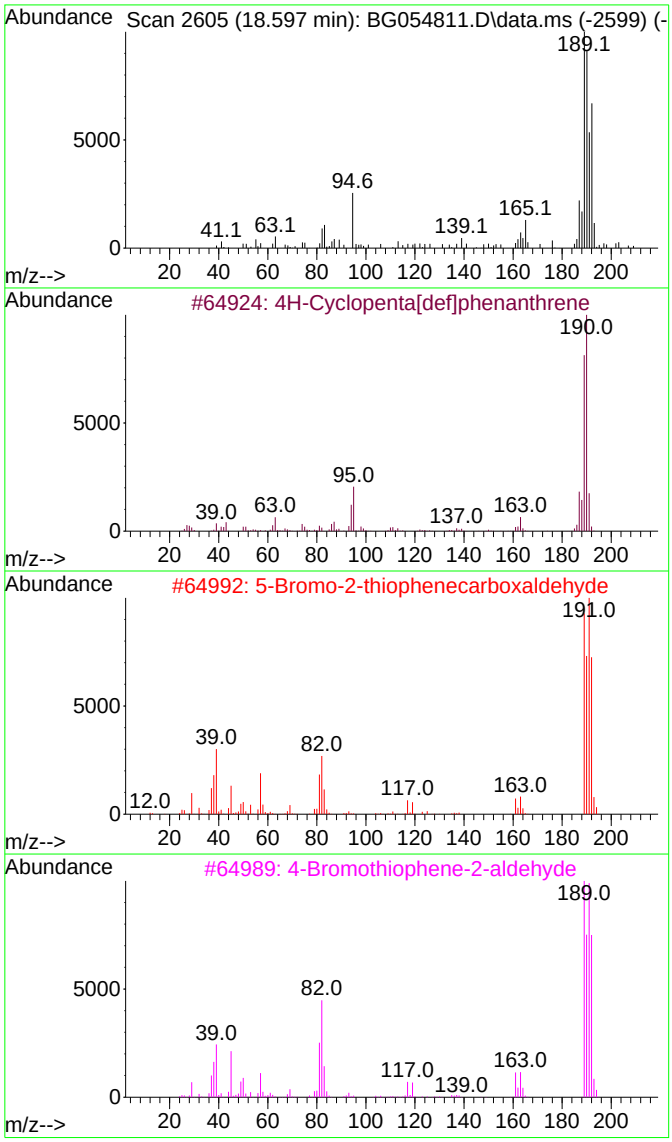
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

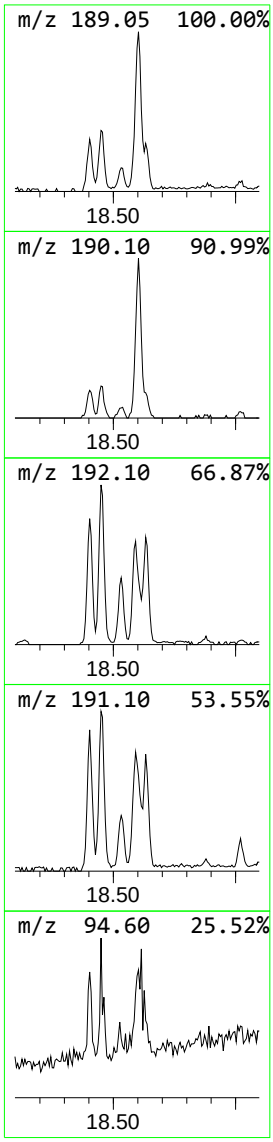
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.597	2.86 ng	103916	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

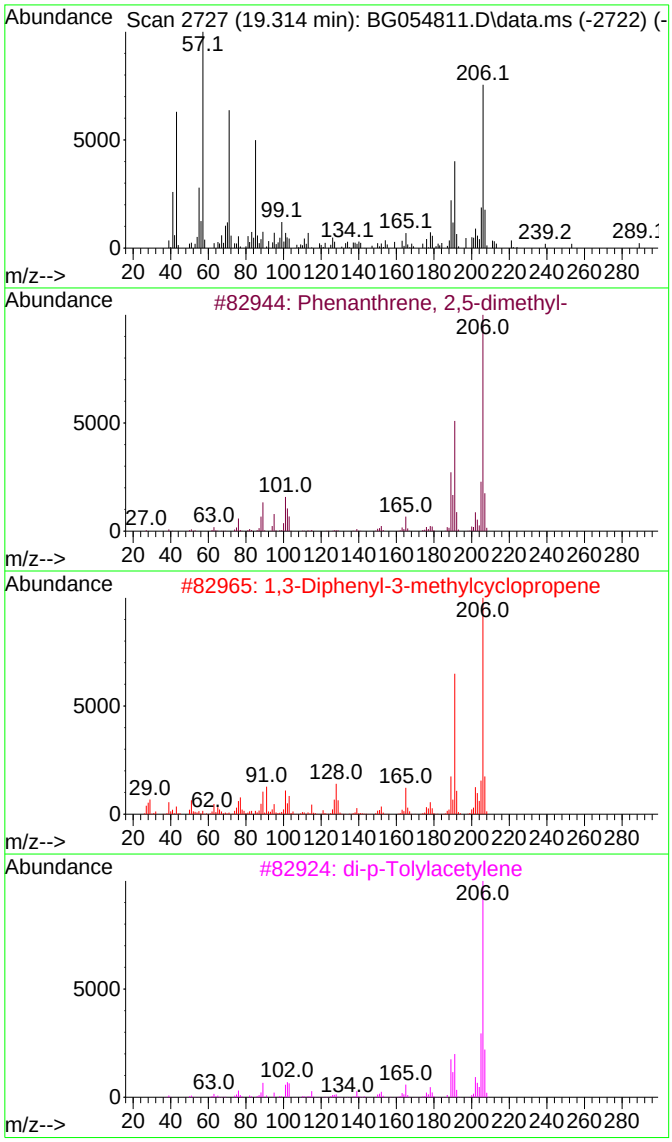
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

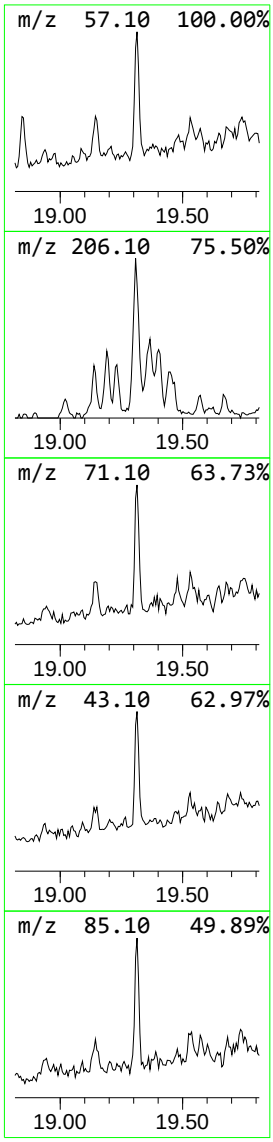
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.314	3.22 ng	117000	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

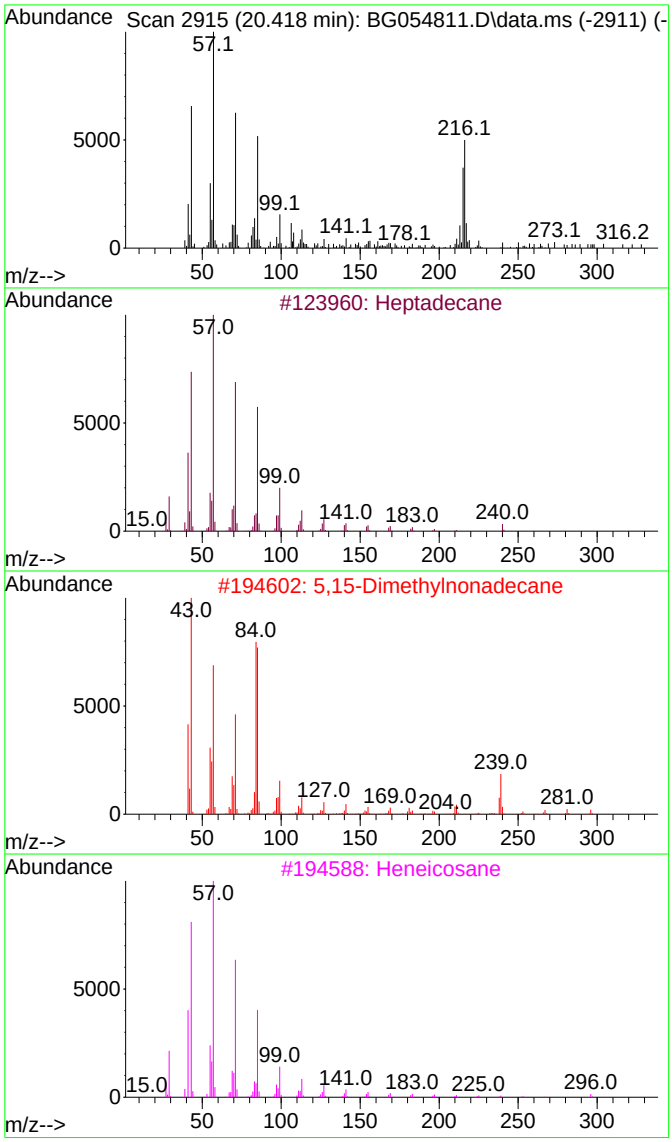
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

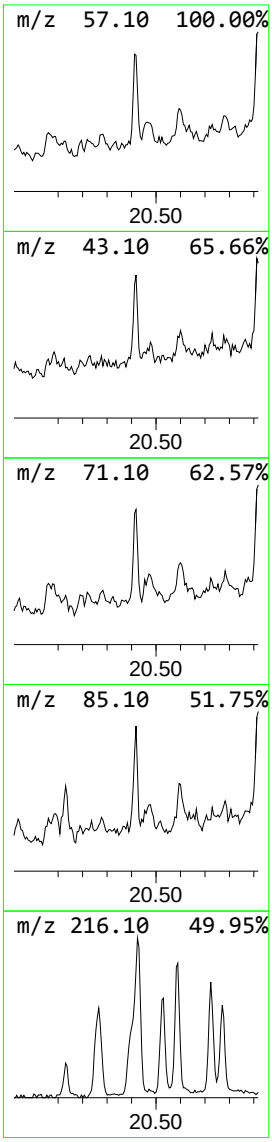
****

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.418	2.16 ng	108129	Chrysene-d12	21.823

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	5,15-Dimethylnonadecane	296	C21H44	1000131-09-1	72
3	Heneicosane	296	C21H44	000629-94-7	58
4	Pentadecane	212	C15H32	000629-62-9	55
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

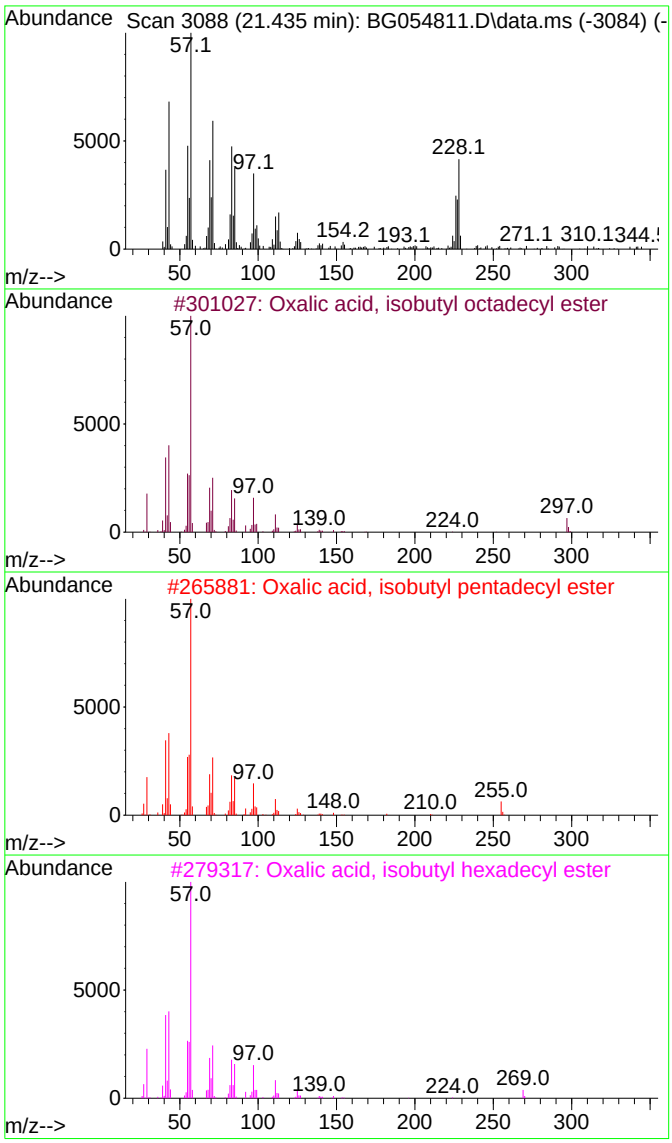
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

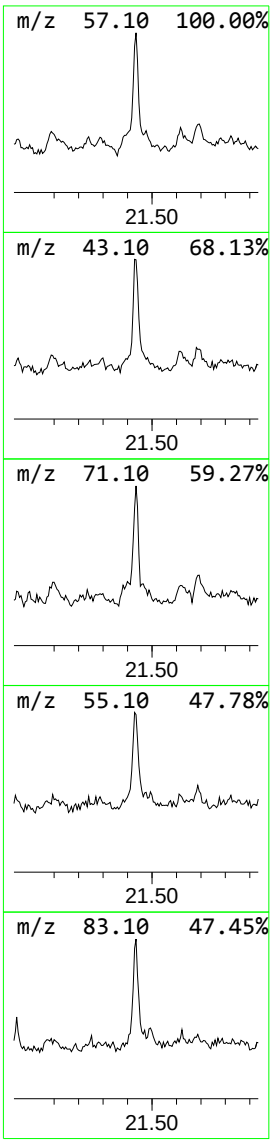
****

Peak Number 8 unknown21.435 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.435	3.40 ng	169918	Chrysene-d12	21.823

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	49
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	49
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	49
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	49
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
3-Penten-2-one,...	4.596	23.6	ng	358579	1	8.150	304167	20.0
2-Pentanone, 4-...	5.218	111.8	ng	1701010	1	8.150	304167	20.0
Ethanol, 2-butoxy-	6.194	5.1	ng	78109	1	8.150	304167	20.0
Anthracene, 9-m...	18.450	2.4	ng	86943	4	17.528	726614	20.0
4H-Cyclopenta[d...	18.597	2.9	ng	103916	4	17.528	726614	20.0
Phenanthrene, 2...	19.314	3.2	ng	117000	4	17.528	726614	20.0
Heptadecane	20.418	2.2	ng	108129	5	21.823	999706	20.0
unknown21.435	21.435	3.4	ng	169918	5	21.823	999706	20.0