LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054807.D
Acq On : 31 Aug 2022 15:19
Operator : CG/JU
Sample : N4431-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

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: BG054807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.971	111	116	125	rVB	24068	34130	1.36%	0.242%
2	4.594	215	222	236	rBV	1208573	1865324	74.19%	13.215%
3	5.223	320	329	341	rBV	1445643	2388899	95.01%	16.925%
4	5.687	402	408	417	rVB	51365	81862	3.26%	0.580%
5	6.192	487	494	501	rBV	21900	36132	1.44%	0.256%
6	7.297	672	682	692	rBV	195838	342442	13.62%	2.426%
7	8.149	816	827	833	rBV	139595	237846	9.46%	1.685%
8	9.324	1019	1027	1037	rBV	315300	579982	23.07%	4.109%
9	10.975	1301	1308	1315	rBV	186034	338426	13.46%	2.398%
10	13.407	1715	1722	1730	rBV	948913	1485610	59.08%	10.525%
11	14.782	1949	1956	1963	rBV	319678	512491	20.38%	3.631%
12	16.269	2204	2209	2218	rBV	53250	80697	3.21%	0.572%
13	17.532	2417	2424	2428	rBV	433308	677863	26.96%	4.802%
14	17.573	2428	2431	2438	rVV	90216	134171	5.34%	0.951%
15	17.667	2438	2447	2451	rVB	16157	27334	1.09%	0.194%
16	18.454	2577	2581	2588	rVB2	18233	33040	1.31%	0.234%
17	18.601	2600	2606	2610	rBV2	19642	40087	1.59%	0.284%
18	19.312	2722	2727	2732	rBV2	23565	33624	1.34%	0.238%
19	19.577	2767	2772	2779	rBV	125327	182554	7.26%	1.293%
20	19.941	2822	2834	2842	rBV	123763	233186	9.27%	1.652%
21	20.129	2860	2866	2873	rBV	1893537	2514401	100.00%	17.814%
22	20.270	2882	2890	2896	rBV8	12751	30867	1.23%	0.219%
23	20.423	2912	2916	2922	rVB3	28544	43851	1.74%	0.311%
24	21.433	3084	3088	3094	rBV	107968	161789	6.43%	1.146%
25	21.827	3146	3155	3160	rBV	429071	861959	34.28%	6.107%
26	21.874	3160	3163	3171	rVB	52253	89255	3.55%	0.632%
27	22.003	3182	3185	3193	rVB4	18051	35533	1.41%	0.252%
28	22.638	3289	3293	3306	rVB6	16869	48956	1.95%	0.347%
29	23.360	3412	3416	3422	rVB4	14268	27852	1.11%	0.197%
30	24.118	3537	3545	3554	rBV2	29488	110244	4.38%	0.781%
31	25.035	3696	3701	3709	rVB2	19880	52801	2.10%	0.374%
32	25.199	3718	3729	3742	rBV2	254645	791683	31.49%	5.609%

Sum of corrected areas: 14114891

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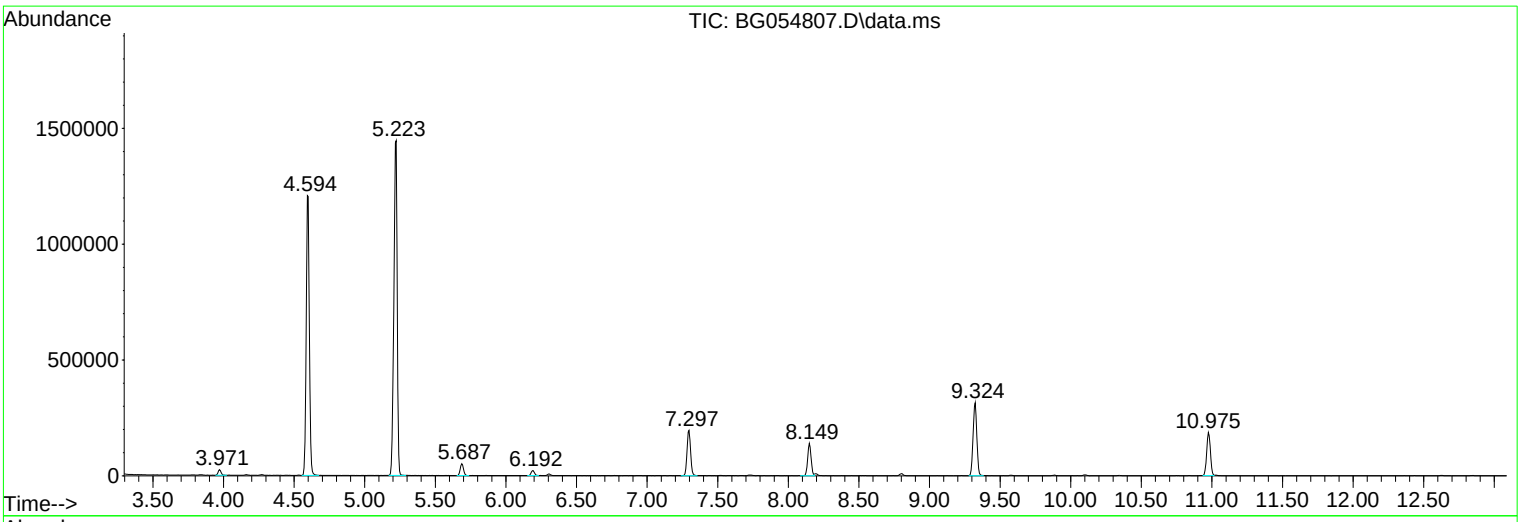
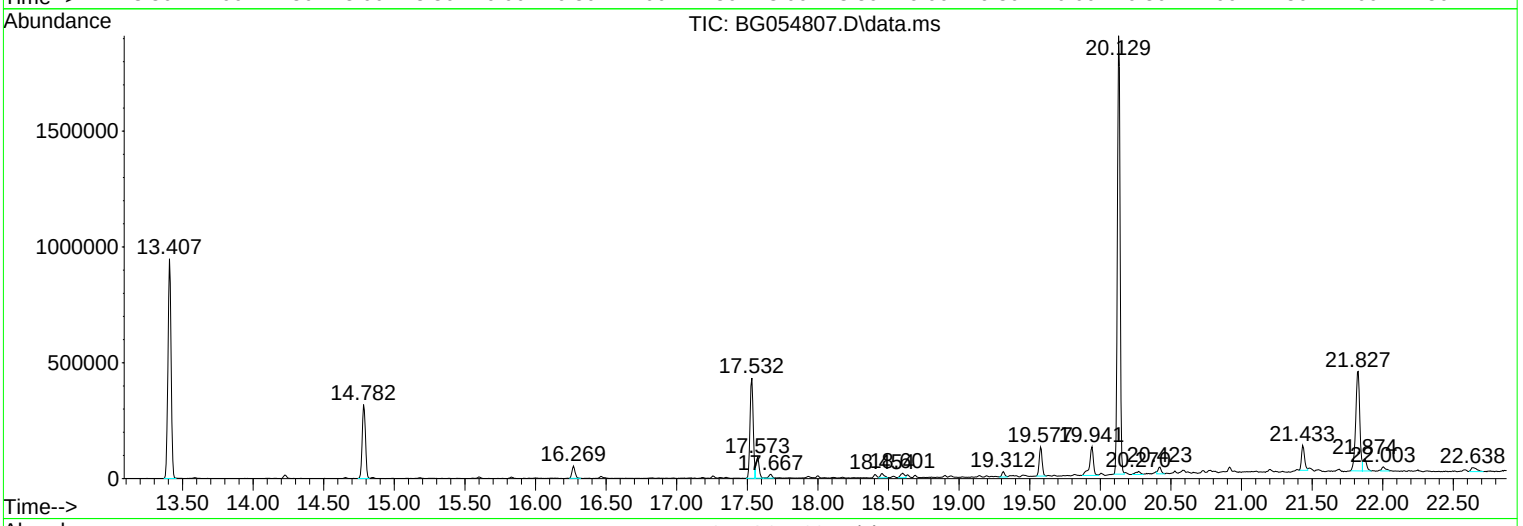
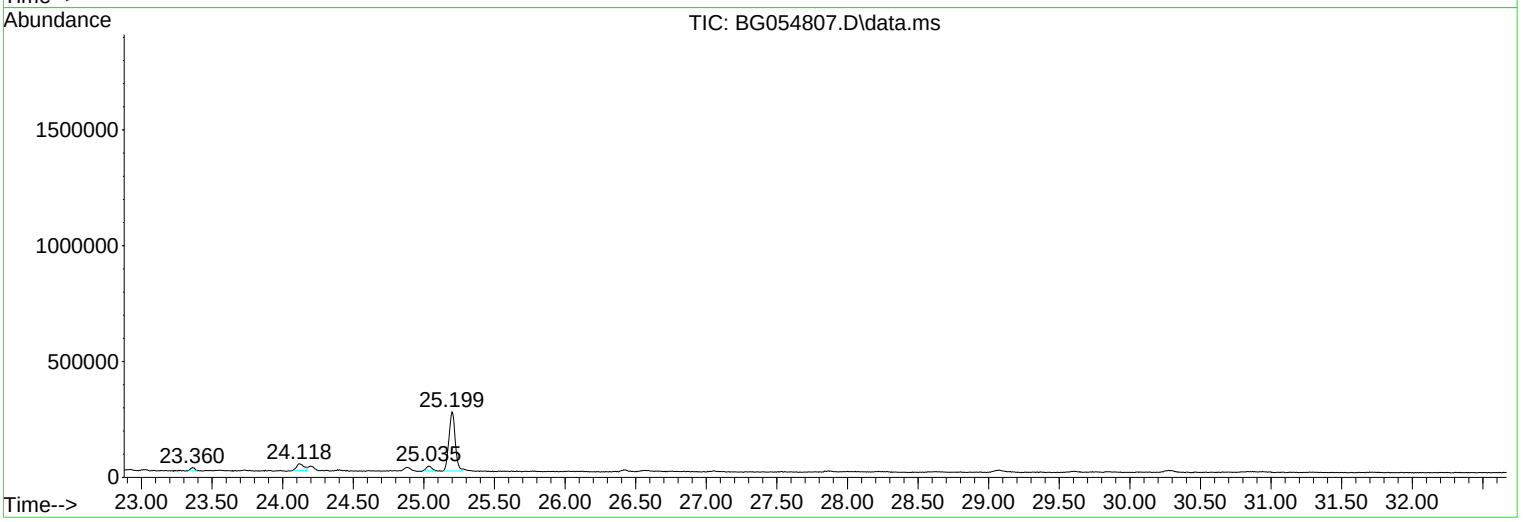
Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

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







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TIC Library : C:\Database\NIST20.L
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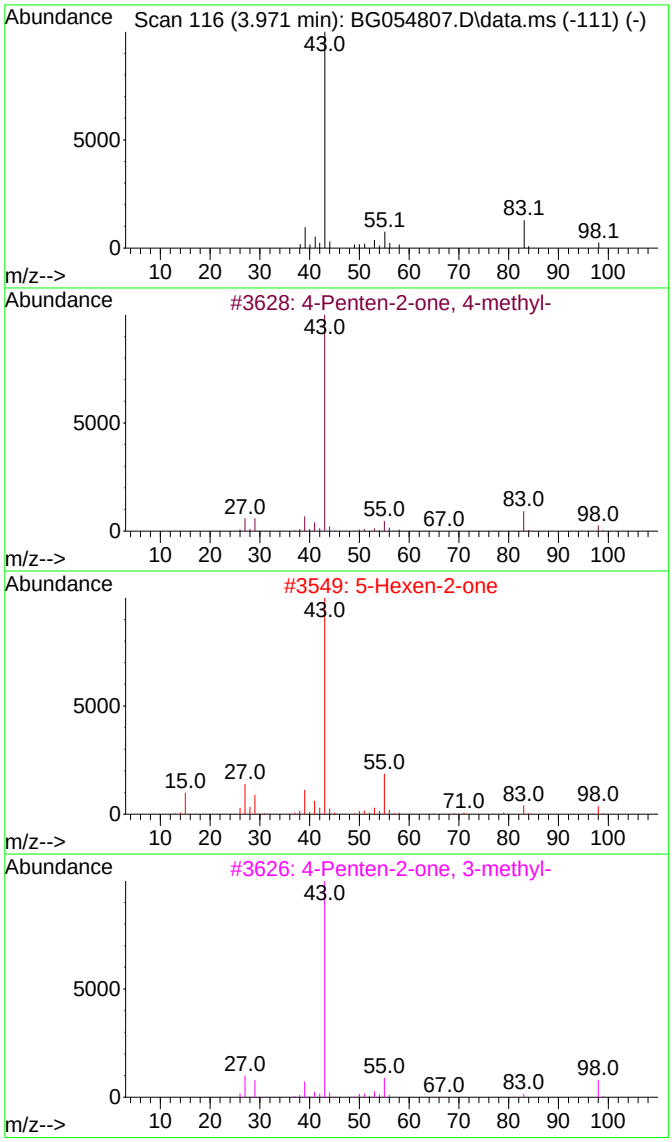
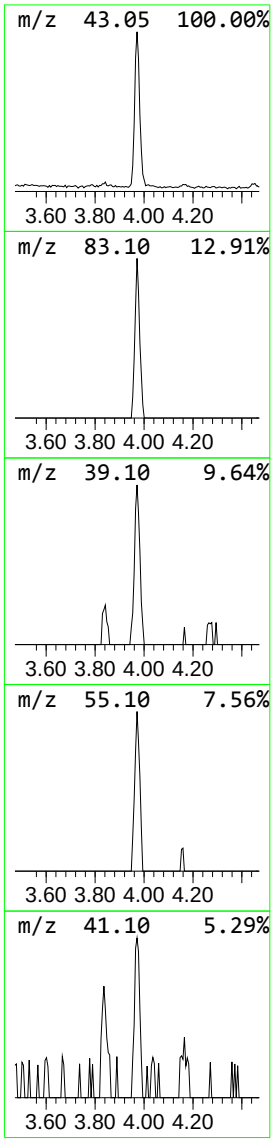
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.971	2.87 ng	34130	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	49
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	28
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17
5	4-Hexen-2-one	98	C6H10O	025659-22-7	9





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BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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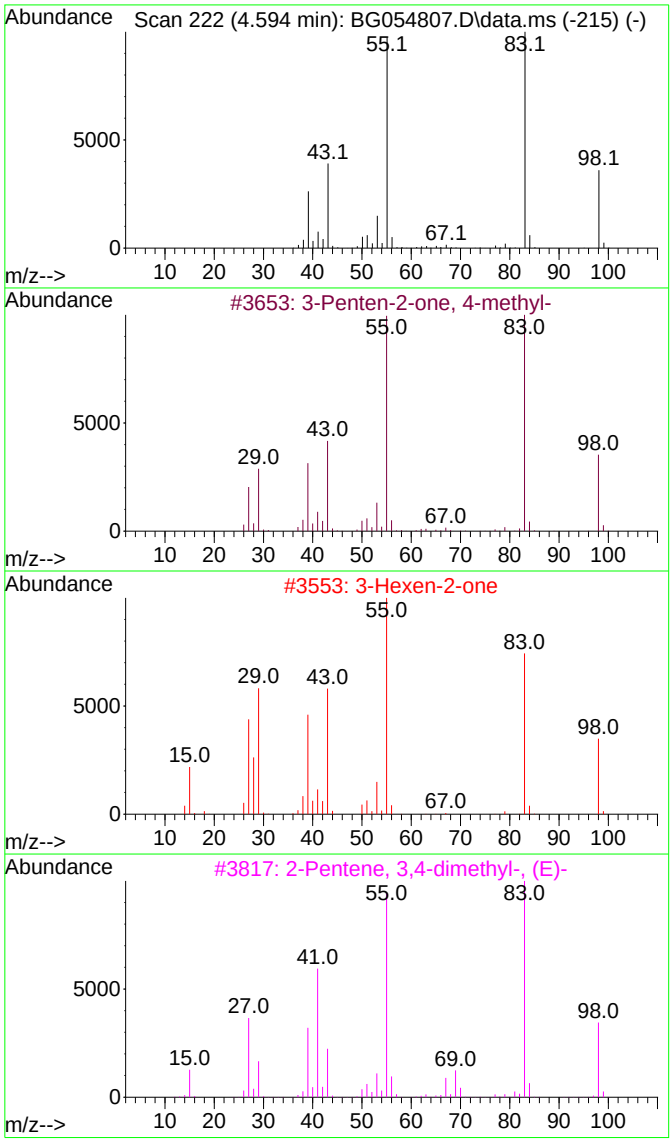
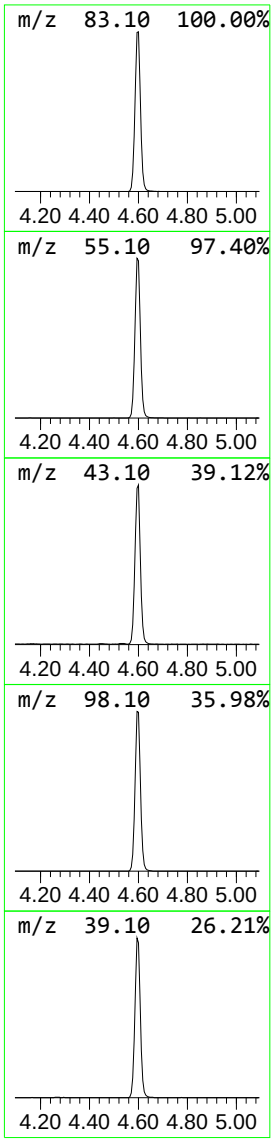
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.594	156.85 ng	1865320	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
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, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Data File : BG054807.D
Acq On : 31 Aug 2022 15:19
Operator : CG/JU
Sample : N4431-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

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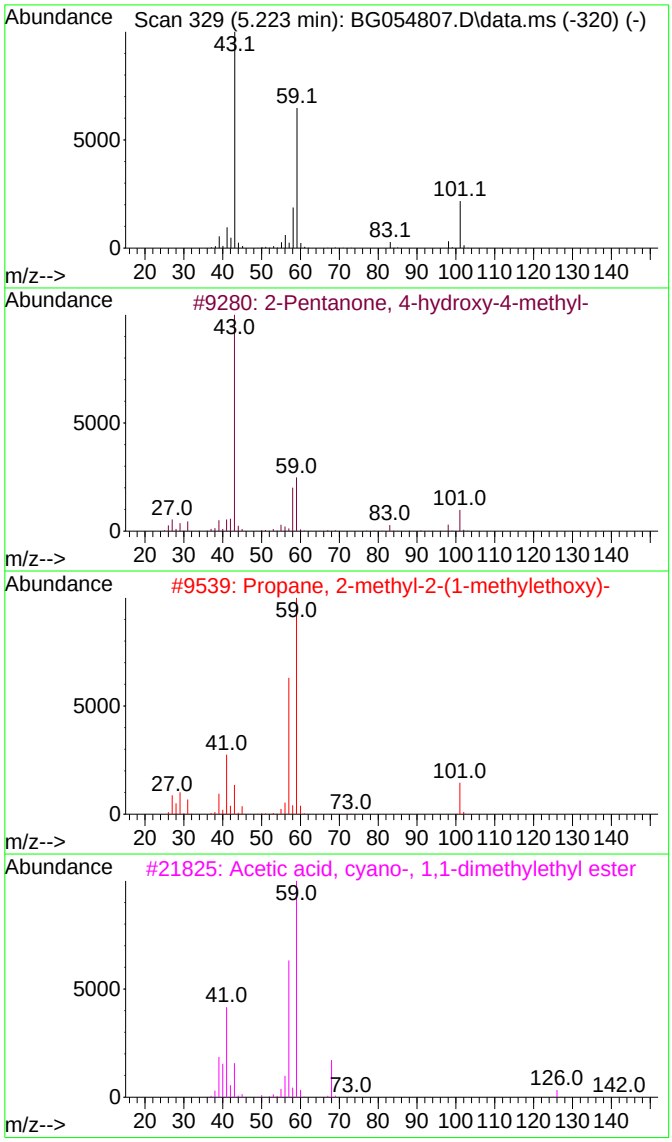
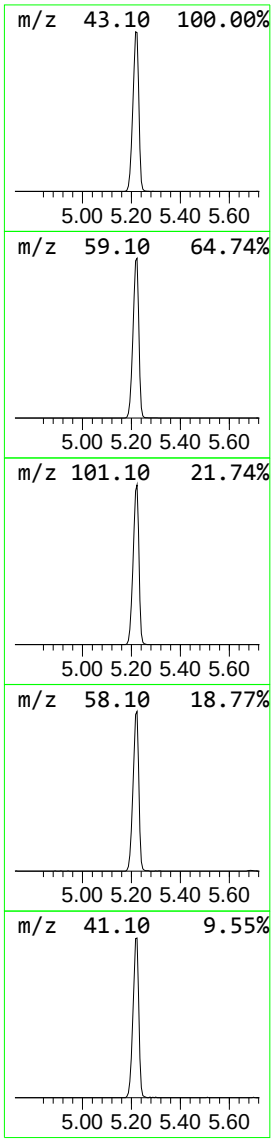
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.223	200.88 ng	2388900	1,4-Dichlorobenzene-d4	8.149

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	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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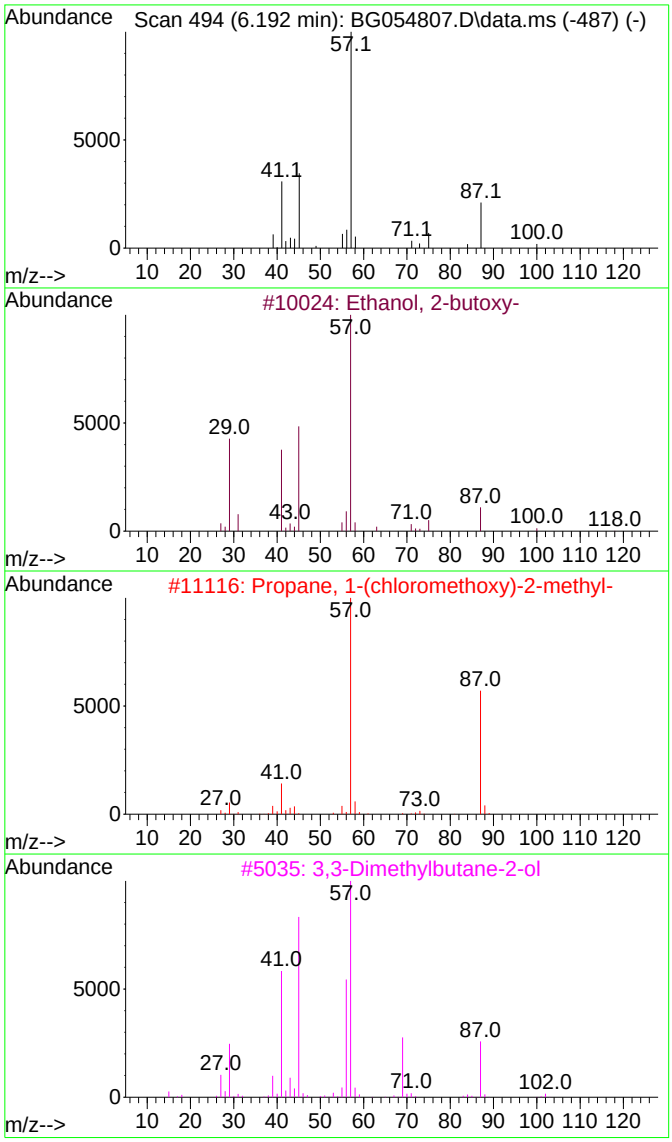
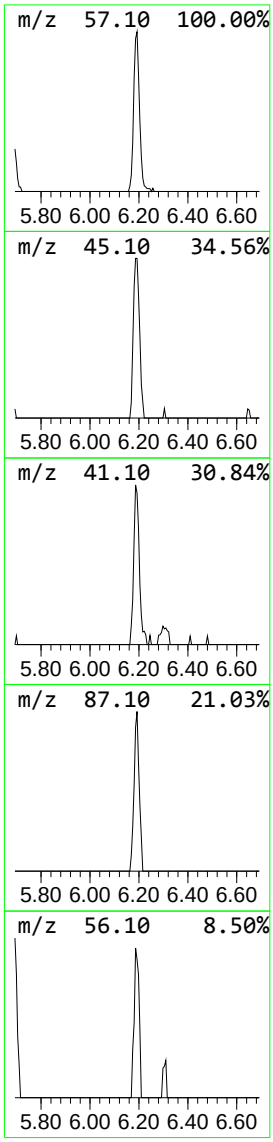
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.192	3.04 ng	36132	1,4-Dichlorobenzene-d4	8.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	38
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
4	n-Butyl ether	130	C8H18O	000142-96-1	28
5	1,3-Propanediol, 2-methyl-, dipr...	202	C10H18O4	054932-83-1	23





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Sample : N4431-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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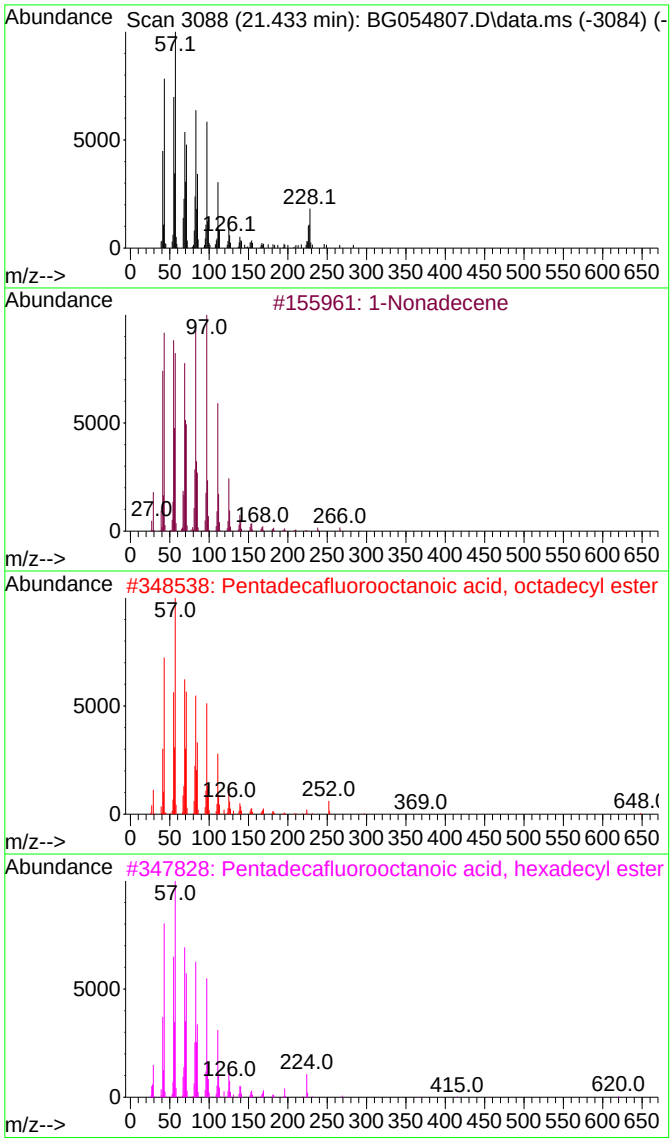
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

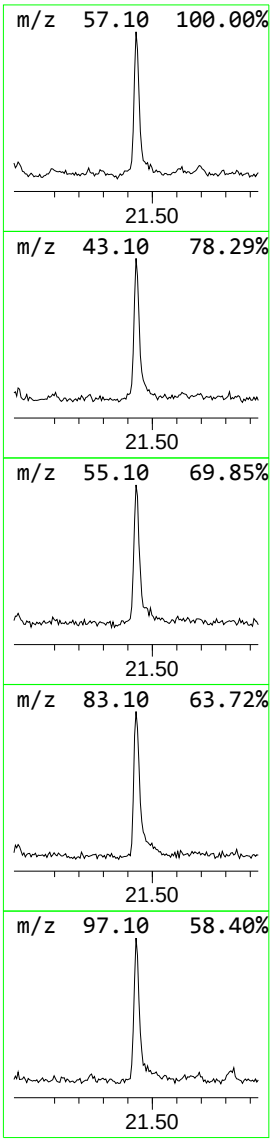
****

Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.433	3.75 ng	161789	Chrysene-d12	21.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one,...	3.971	2.9	ng	34130	1	8.149	237846	20.0
3-Penten-2-one,...	4.594	156.8	ng	1865320	1	8.149	237846	20.0
2-Pentanone, 4-...	5.223	200.9	ng	2388900	1	8.149	237846	20.0
Ethanol, 2-butoxy-	6.192	3.0	ng	36132	1	8.149	237846	20.0
1-Nonadecene	21.433	3.8	ng	161789	5	21.827	861959	20.0