LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022314.D
Acq On : 11 Jun 2016 9:16
Operator : UM/SJ
Sample : H3449-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20-VE-PILE-WALL(0-2)

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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.964	17	21	28	rVB	18393	27593	1.74%	0.296%
2	4.562	287	293	305	rBV2	10862	22271	1.40%	0.239%
3	5.173	391	397	405	rBV	36955	67682	4.26%	0.725%
4	5.655	472	479	491	rBV	345375	646855	40.74%	6.929%
5	7.265	745	753	770	rBV	365062	724605	45.64%	7.762%
6	7.635	808	816	830	rBV	393692	764955	48.18%	8.195%
7	8.105	889	896	909	rBV	84389	165922	10.45%	1.777%
8	8.293	923	928	936	rVB3	15516	27570	1.74%	0.295%
9	8.428	939	951	968	rBV	292094	571459	35.99%	6.122%
10	9.274	1087	1095	1111	rBV	200854	426242	26.84%	4.566%
11	10.925	1369	1376	1388	rBV	130789	267617	16.85%	2.867%
12	13.357	1783	1790	1803	rBV	684595	1187139	74.77%	12.717%
13	14.180	1920	1930	1936	rBV	76185	134212	8.45%	1.438%
14	14.738	2018	2025	2034	rBV2	240971	406089	25.58%	4.350%
15	15.555	2158	2164	2169	rVB2	17306	25273	1.59%	0.271%
16	16.225	2271	2278	2287	rBV	481325	788795	49.68%	8.450%
17	16.413	2305	2310	2320	rBV3	17921	35257	2.22%	0.378%
18	17.482	2484	2492	2505	rBV2	274553	463552	29.19%	4.966%
19	20.073	2927	2933	2947	rBV	1095399	1587803	100.00%	17.009%
20	21.366	3148	3153	3167	rBV6	16724	49499	3.12%	0.530%
21	21.753	3212	3219	3233	rBV2	244472	466364	29.37%	4.996%
22	23.422	3497	3503	3513	rVB3	12731	28169	1.77%	0.302%
23	24.039	3604	3608	3618	rVB9	6023	16146	1.02%	0.173%
24	25.044	3768	3779	3795	rVB2	133593	433872	27.33%	4.648%

Sum of corrected areas: 9334941

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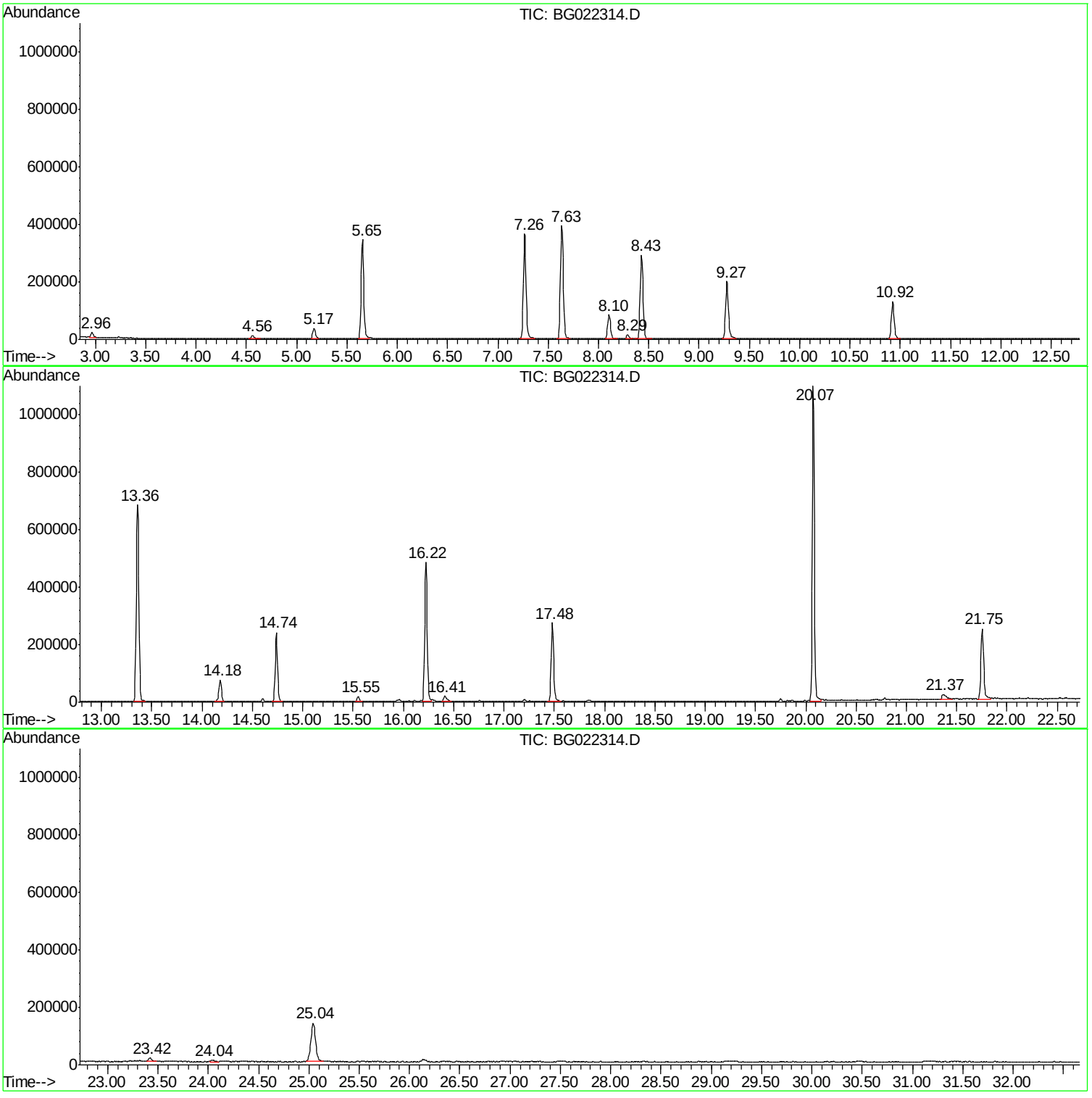
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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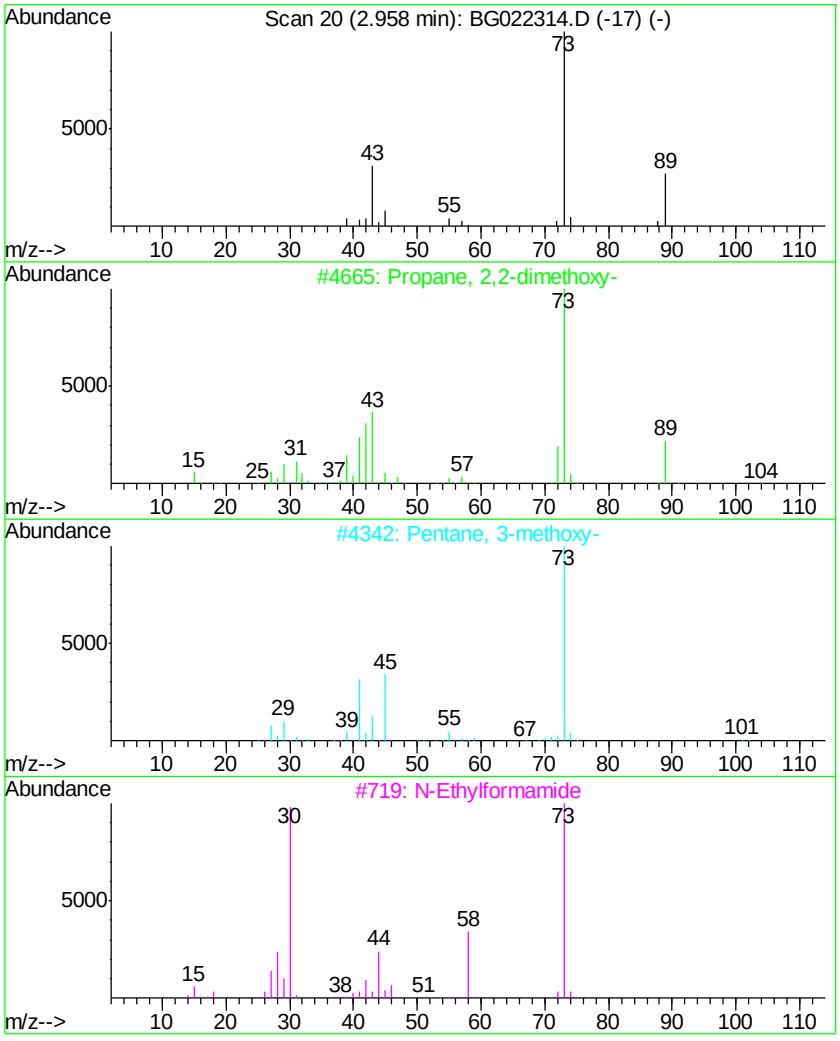
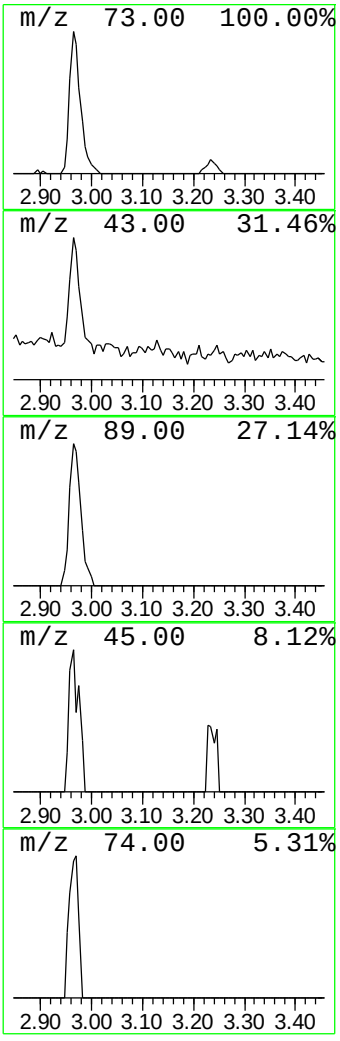
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	3.33 ng	27593	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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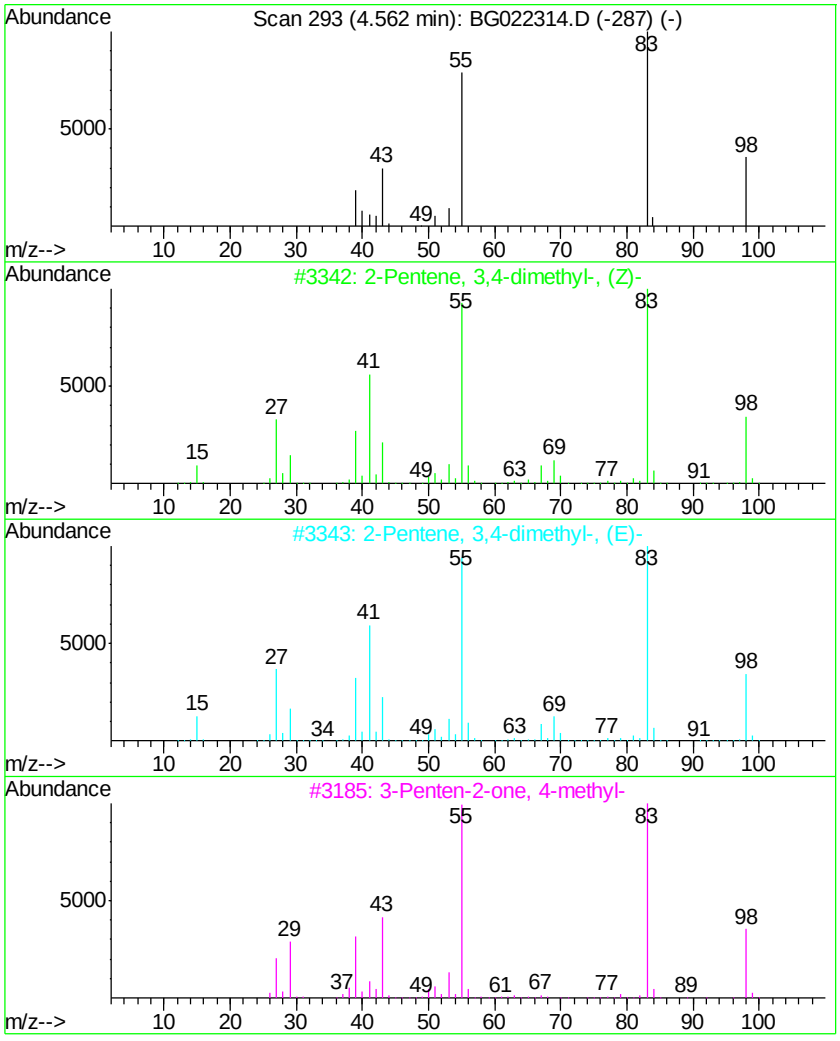
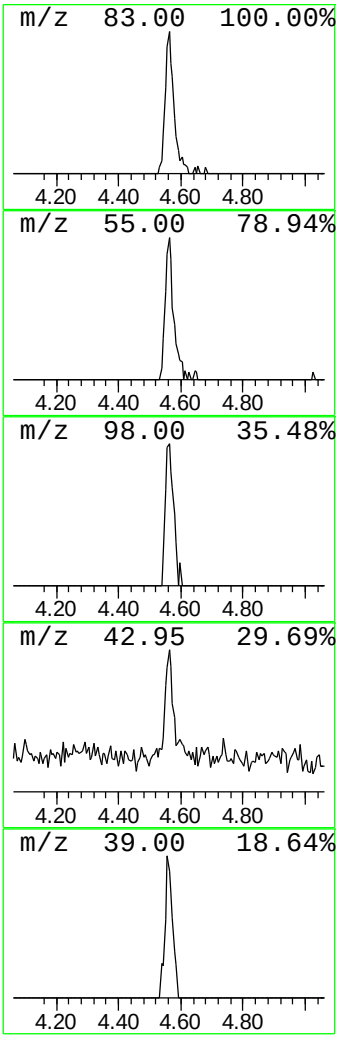
Peak Number 2 2-Pentene, 3,4-dimethyl-, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.68 ng	22271	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	3-Hexen-2-one	98	C6H10O	000763-93-9	83





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ClientSampleId :
20-VE-PILE-WALL(0-2)

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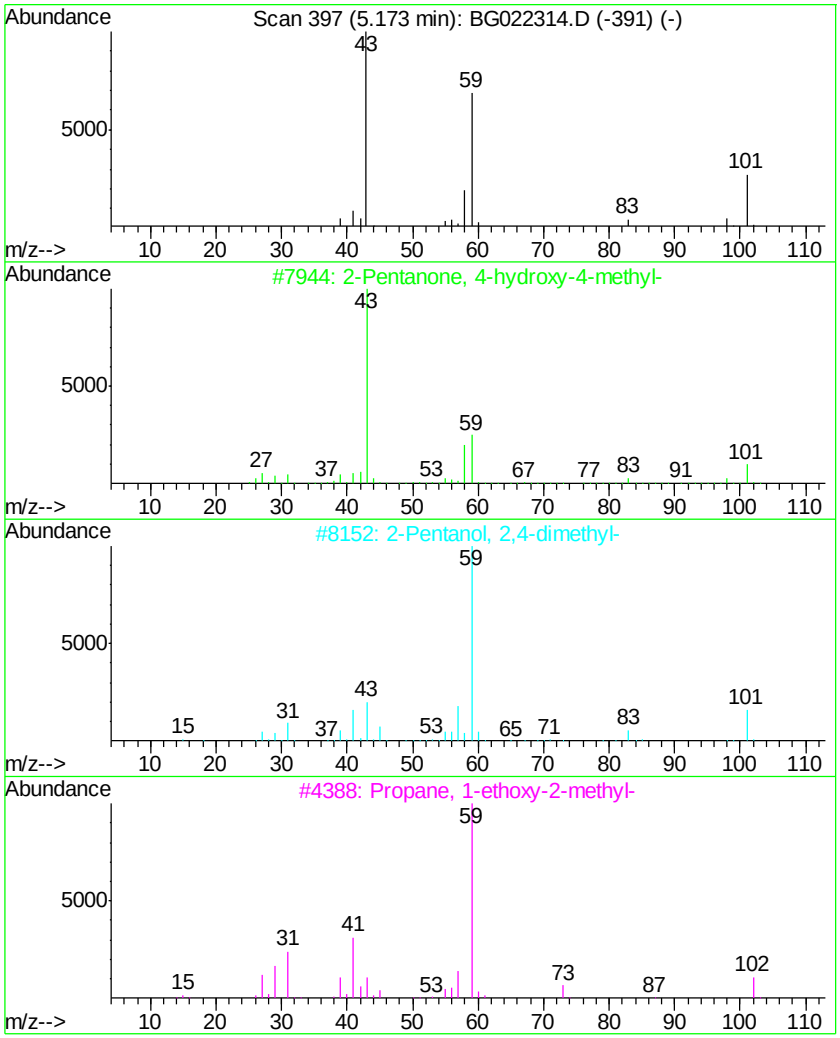
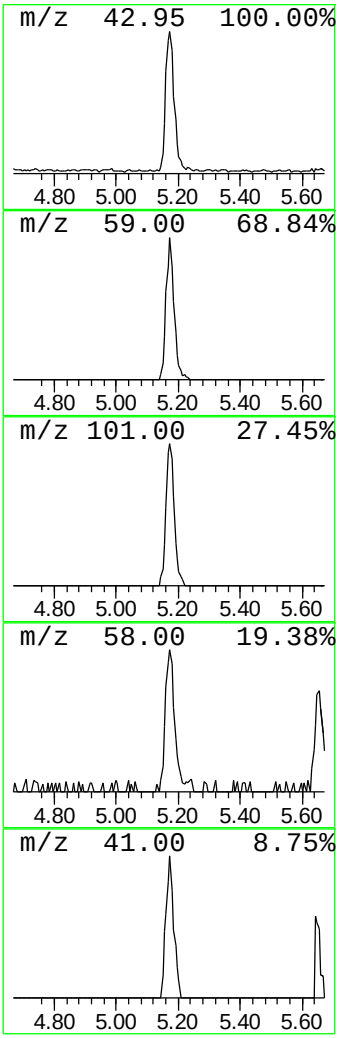
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	8.16 ng	67682	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	37
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





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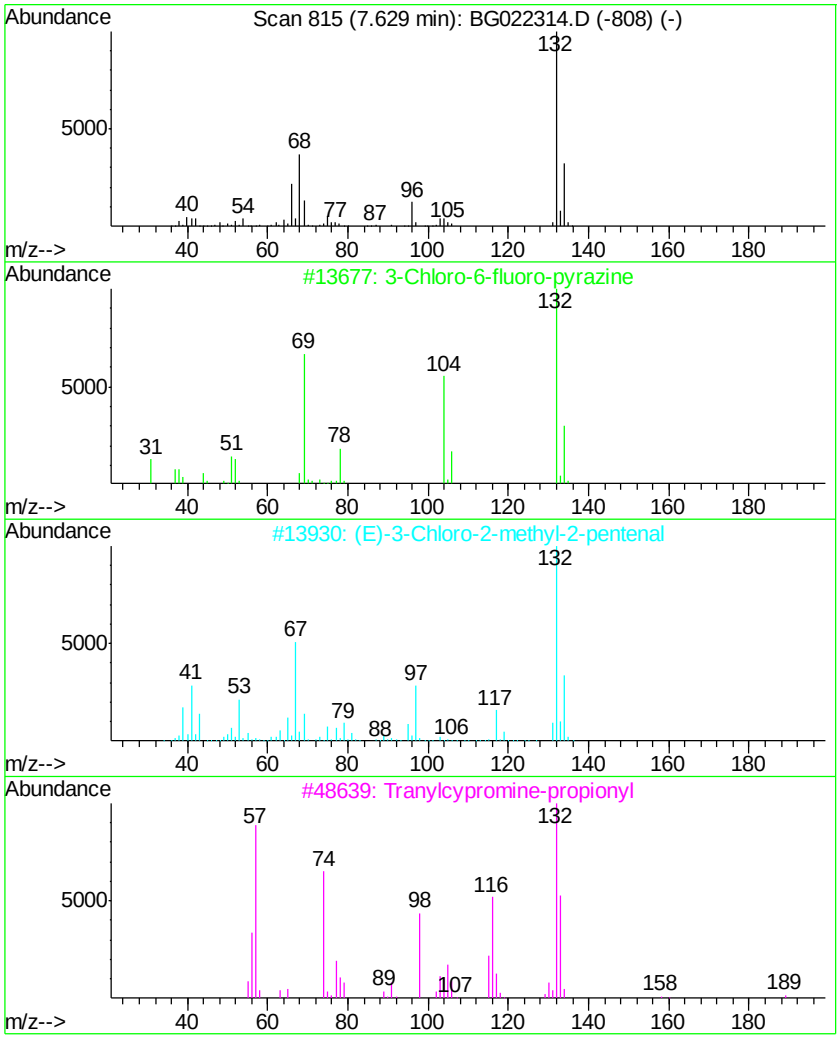
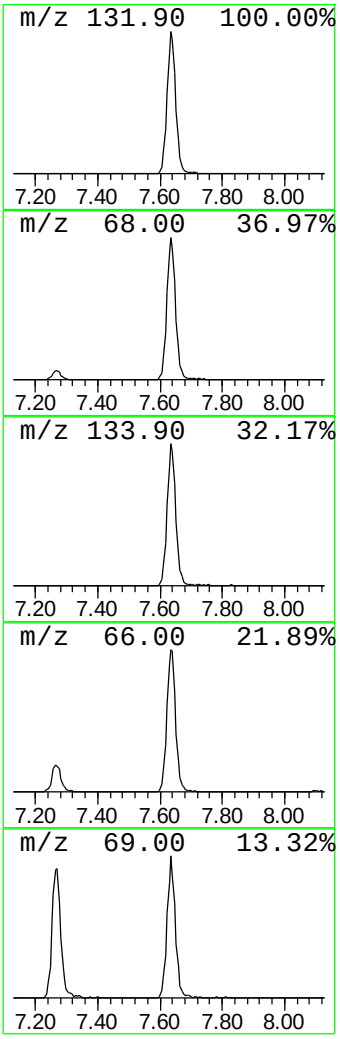
Peak Number 4 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	92.21 ng	764955	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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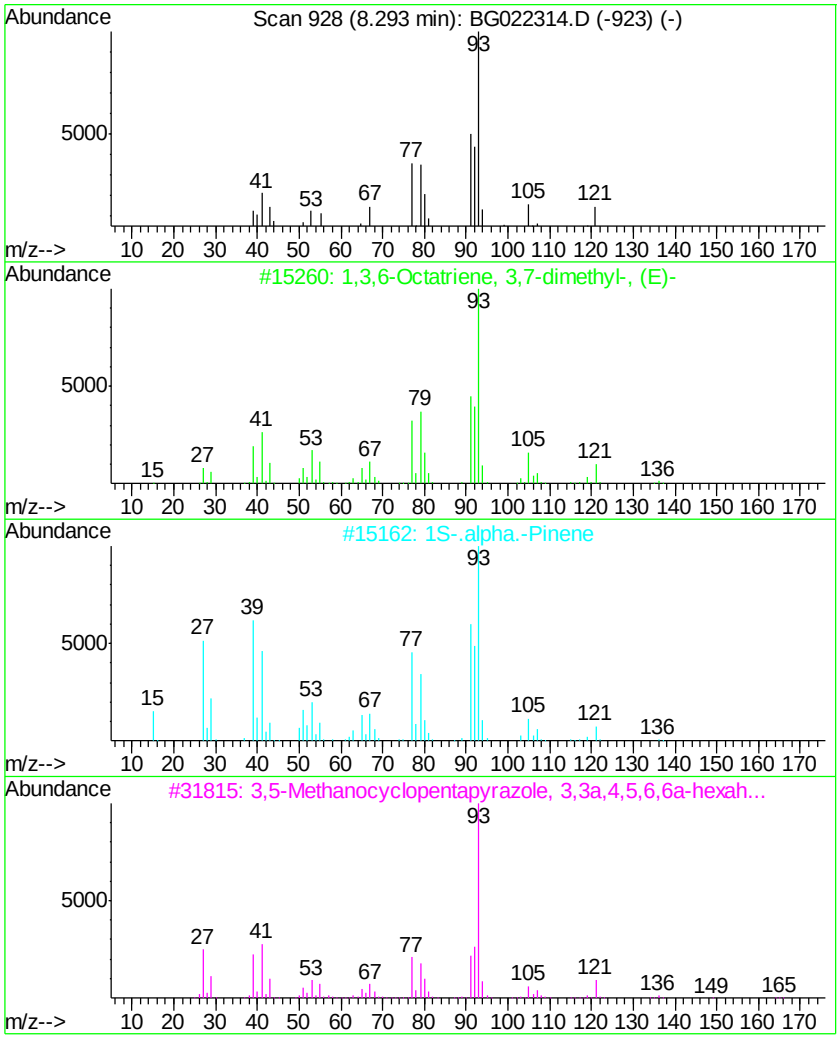
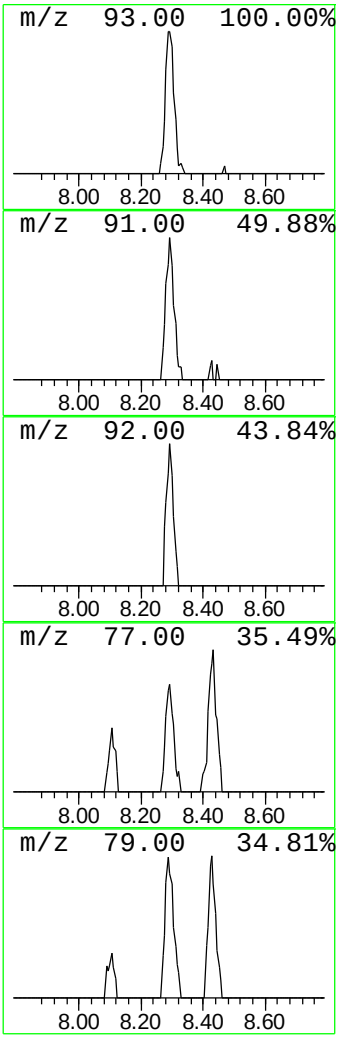
Peak Number 5 1,3,6-Octatriene, 3,7-dimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	3.32 ng	27570	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	90
2	1S-.alpha.-Pinene	136	C10H16	007785-26-4	72
3	3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	37
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	37
5	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	28





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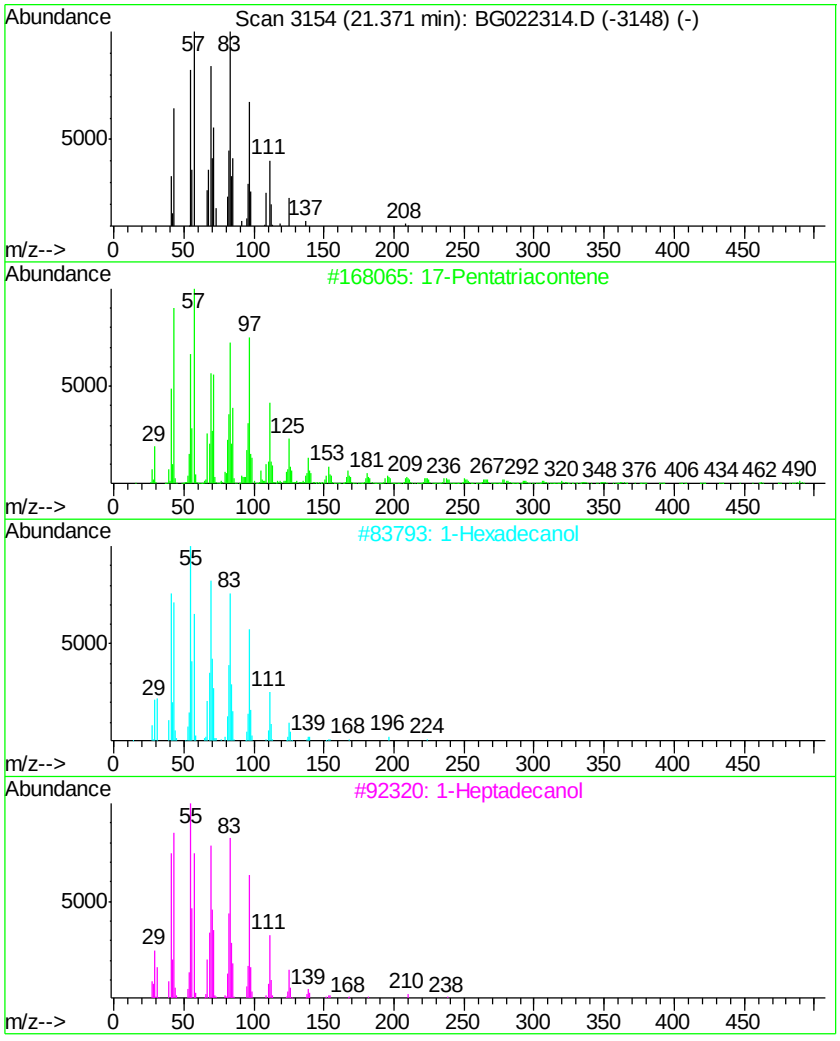
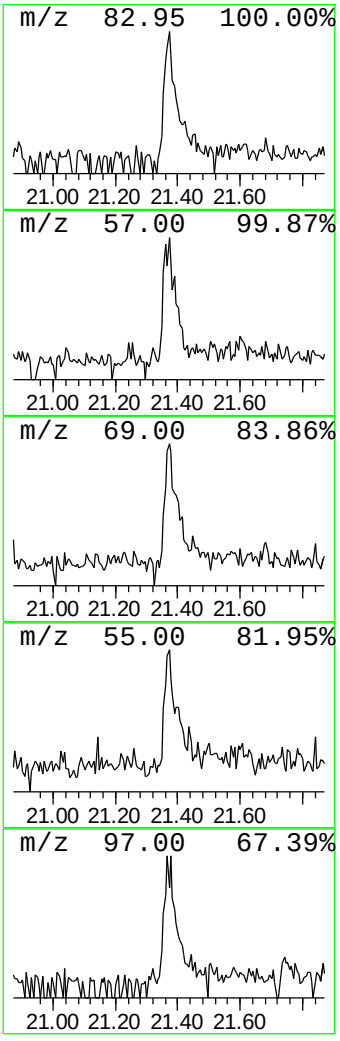
Peak Number 7 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.12 ng	49499	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	64
2	1-Hexadecanol	242	C16H34O	036653-82-4	46
3	1-Heptadecanol	256	C17H36O	001454-85-9	46
4	1,1'-Bicyclohexyl, 2-propyl-, cis-	208	C15H28	054934-88-2	30
5	1-Heptadecene	238	C17H34	006765-39-5	22





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
Propane, 2,2-dime...	2.96	3.3	ng	27593	1	8.10	165922	20.0
2-Pentene, 3,4-di...	4.56	2.7	ng	22271	1	8.10	165922	20.0
2-Pentanone, 4-hy...	5.17	8.2	ng	67682	1	8.10	165922	20.0
unknown7.63	7.63	92.2	ng	764955	1	8.10	165922	20.0
1,3,6-Octatriene,...	8.29	3.3	ng	27570	1	8.10	165922	20.0
17-Pentatriacontene	21.37	2.1	ng	49499	5	21.75	466364	20.0