LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022292.D
Acq On : 10 Jun 2016 17:43
Operator : UM/SJ
Sample : H3448-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-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	2.970	16	22	42	rVB	685147	1143622	59.00%	9.944%
2	5.173	392	397	405	rBV	19403	36470	1.88%	0.317%
3	5.655	472	479	494	rBV	347571	657482	33.92%	5.717%
4	7.271	746	754	766	rBV	384694	750078	38.69%	6.522%
5	7.635	808	816	826	rBV	409256	777969	40.13%	6.765%
6	8.105	890	896	908	rVB2	67112	132118	6.82%	1.149%
7	8.428	943	951	962	rVB	299647	579077	29.87%	5.035%
8	9.280	1084	1096	1111	rBV	214302	453998	23.42%	3.948%
9	10.925	1369	1376	1384	rBV	105975	212161	10.94%	1.845%
10	13.358	1782	1790	1806	rBV	708894	1229669	63.43%	10.692%
11	14.180	1921	1930	1937	rBV	240585	387013	19.96%	3.365%
12	14.738	2018	2025	2035	rBV2	183269	324722	16.75%	2.824%
13	15.555	2159	2164	2168	rVB	17344	23689	1.22%	0.206%
14	16.225	2272	2278	2292	rBV	466950	800424	41.29%	6.960%
15	16.413	2304	2310	2322	rBV3	15991	35710	1.84%	0.311%
16	17.482	2486	2492	2506	rBV	227674	384656	19.84%	3.345%
17	17.835	2545	2552	2566	rBV2	64182	132669	6.84%	1.154%
18	19.192	2778	2783	2798	rBV	177640	333963	17.23%	2.904%
19	20.079	2926	2934	2945	rBV	1349331	1938503	100.00%	16.856%
20	20.696	3033	3039	3044	rBV	34256	54021	2.79%	0.470%
21	21.366	3148	3153	3165	rBV6	30869	68823	3.55%	0.598%
22	21.613	3190	3195	3204	rVB	35417	53817	2.78%	0.468%
23	21.760	3212	3220	3235	rBV2	220150	445951	23.00%	3.878%
24	22.212	3287	3297	3305	rBV	52878	116615	6.02%	1.014%
25	23.428	3498	3504	3510	rVB5	10302	25484	1.31%	0.222%
26	25.050	3768	3780	3791	rBV3	124742	401817	20.73%	3.494%

Sum of corrected areas: 11500521

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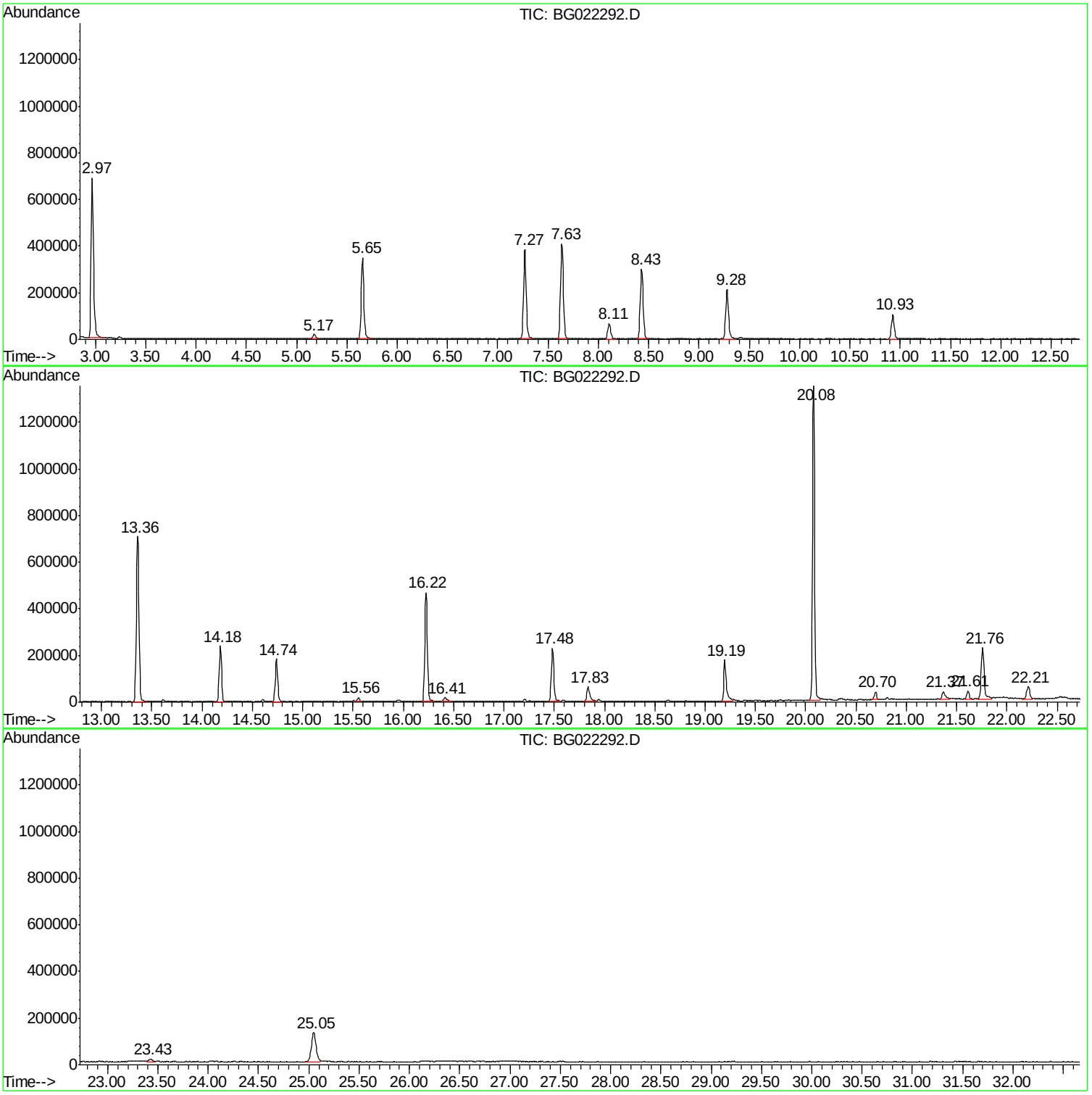
ClientSampleId :
7-VE-PILE-WALL(0-2)

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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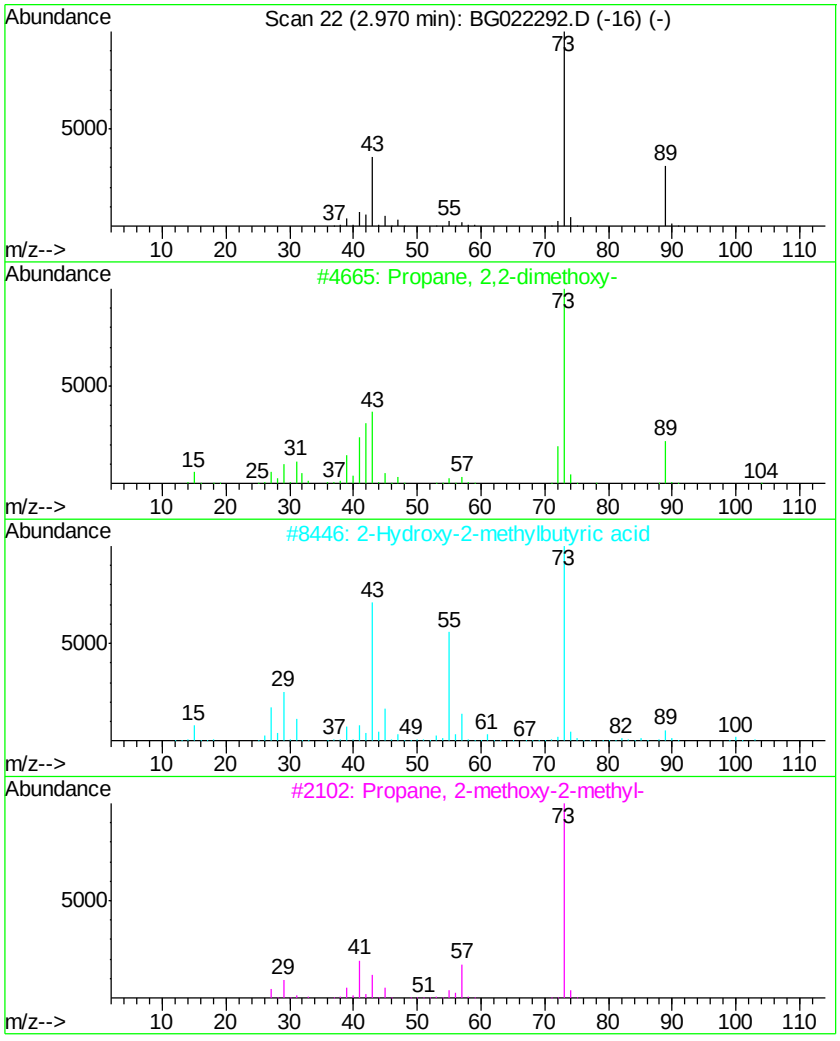
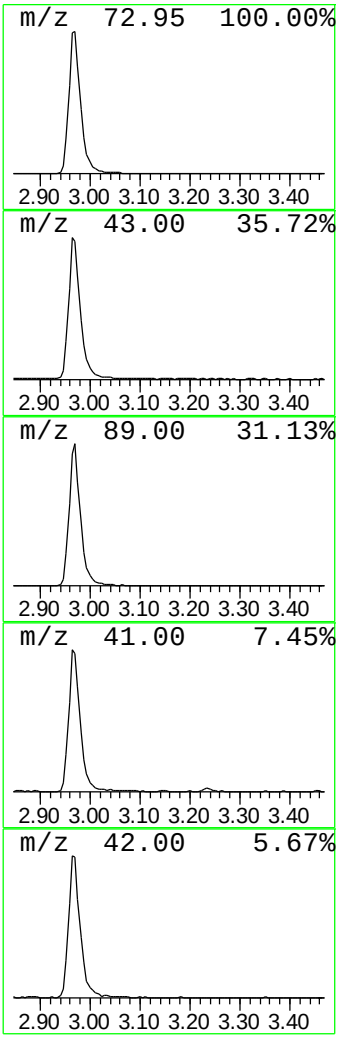
Peak Number 1 unknown2.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	173.12 ng	1143620	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





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Sample : H3448-13
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Instrument : BNA_G
ClientSampleId : 7-VE-PILE-WALL(0-2)

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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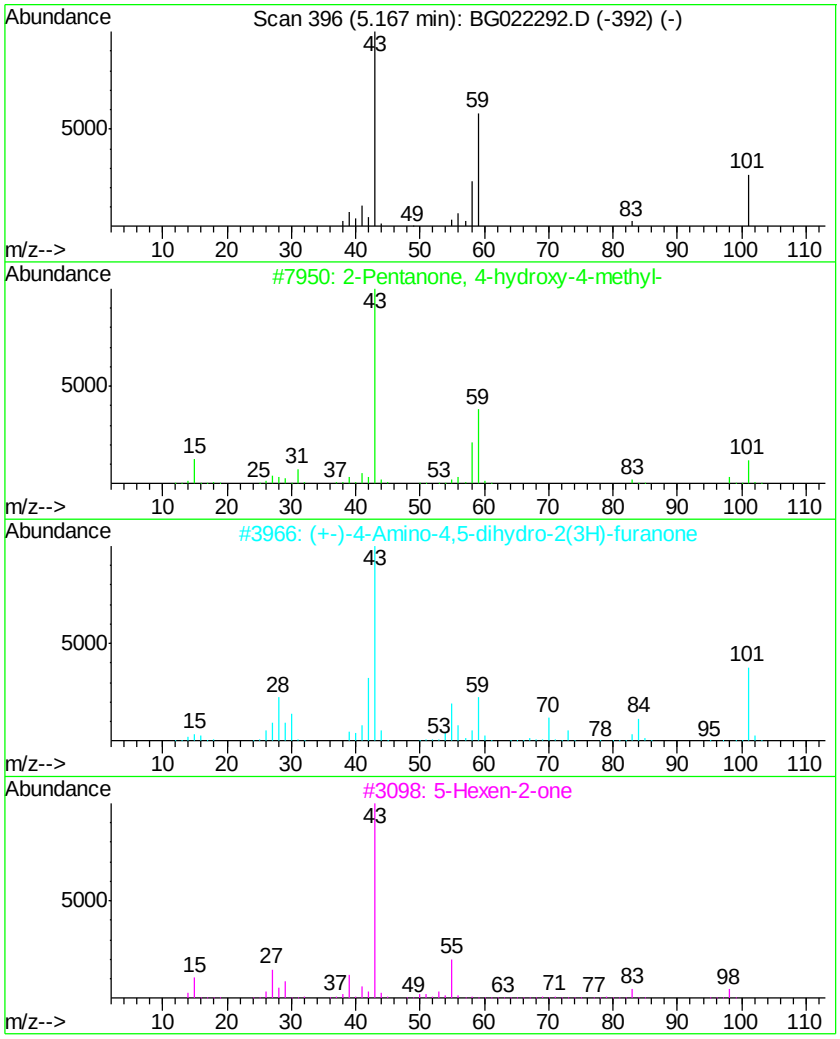
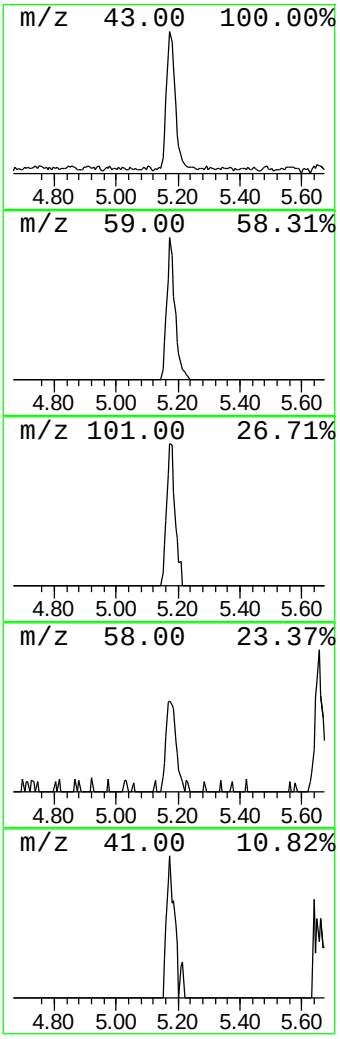
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.52 ng	36470	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





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Operator : UM/SJ
Sample : H3448-13
Misc :
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Instrument : BNA_G
ClientSampleId : 7-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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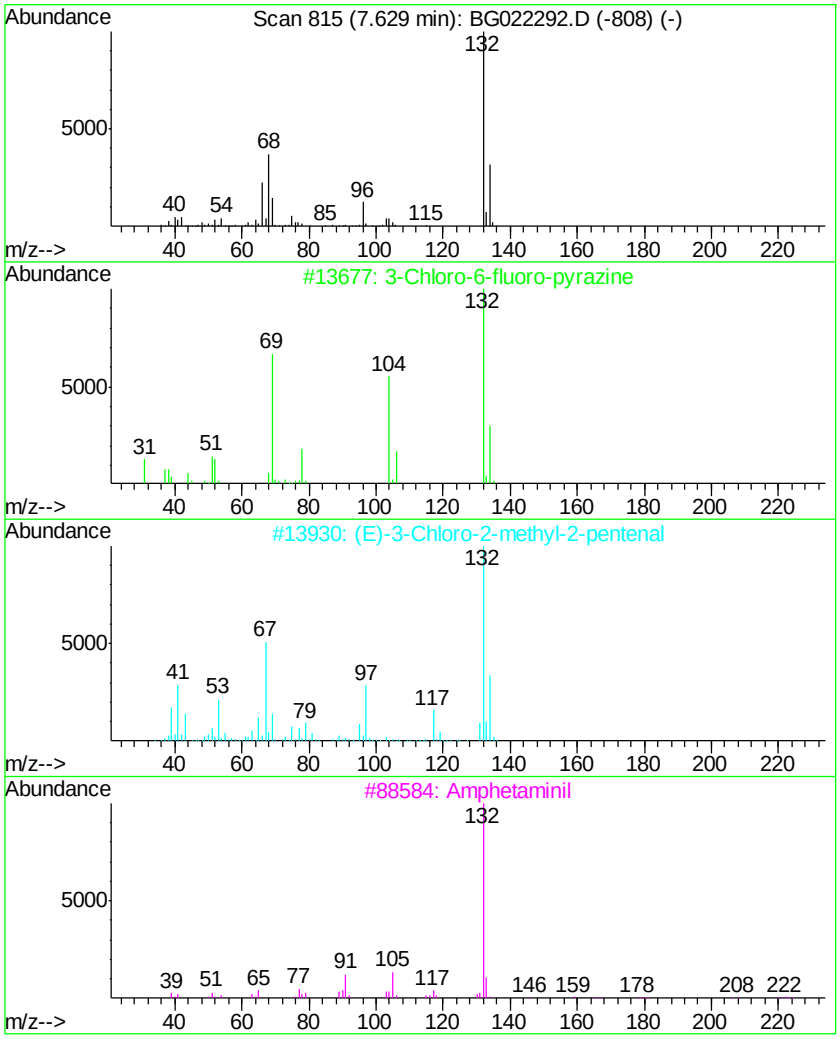
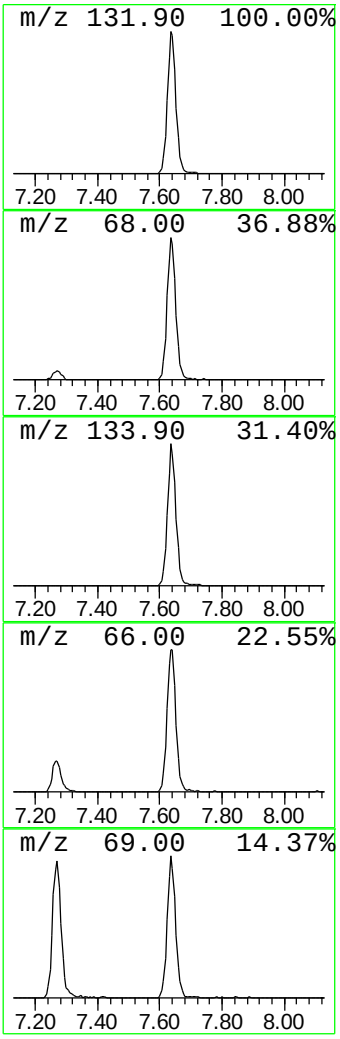
Peak Number 3 unknown7.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	117.77 ng	777969	1,4-Dichlorobenzene-d4	8.11

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	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Operator : UM/SJ
Sample : H3448-13
Misc :
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Instrument : BNA_G
ClientSampleId : 7-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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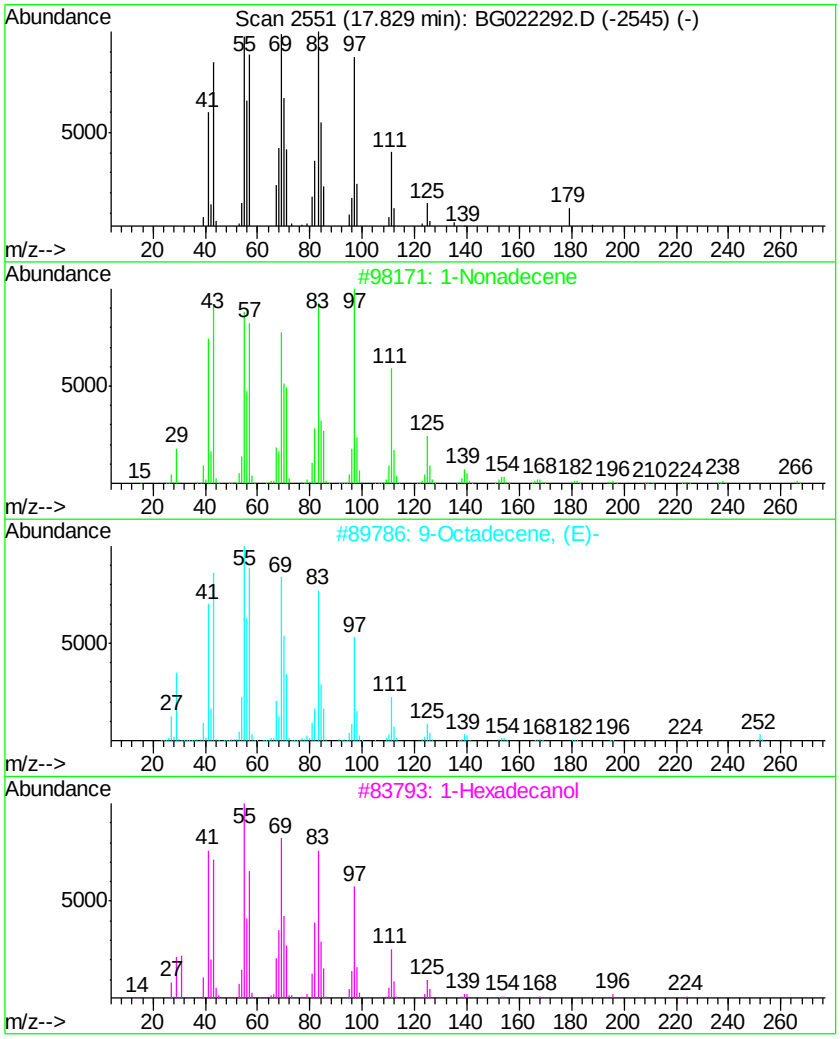
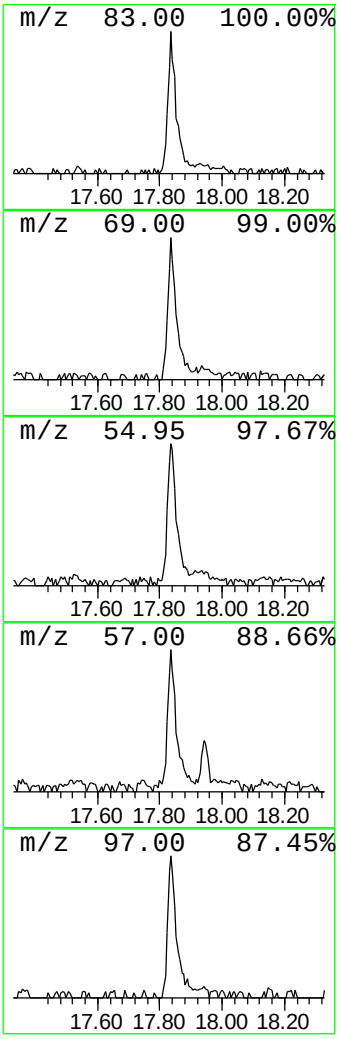
Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.90 ng	132669	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	90
5	1-Pentadecanol	228	C15H32O	000629-76-5	87





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Operator : UM/SJ
Sample : H3448-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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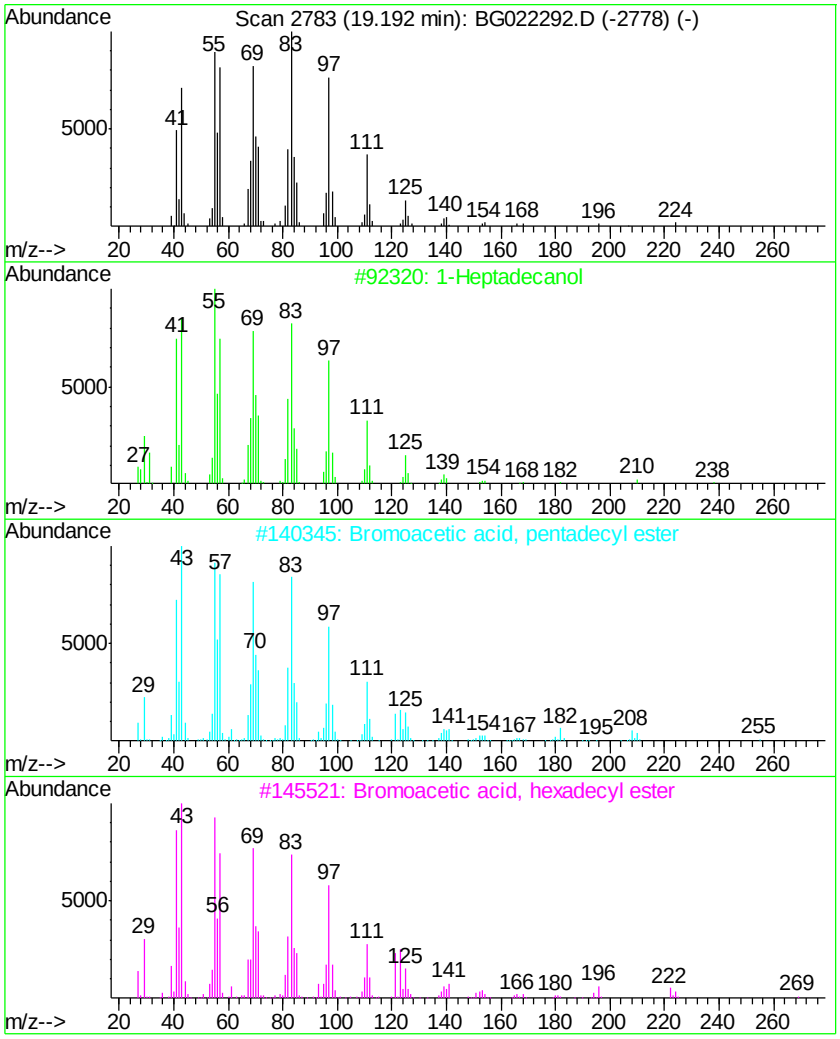
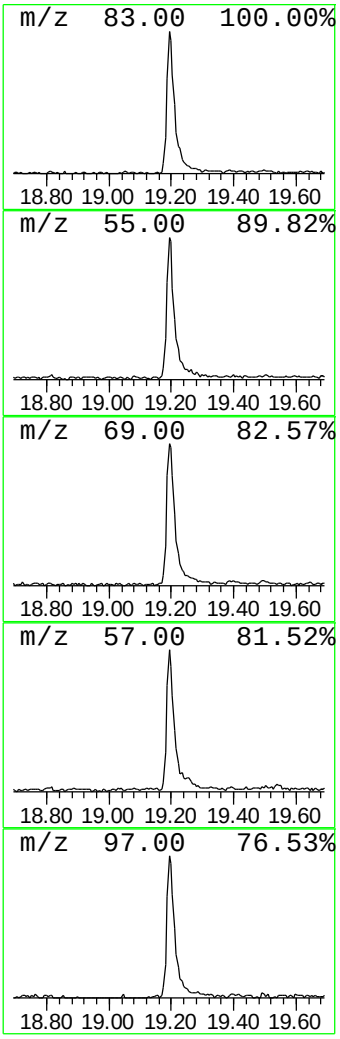
Peak Number 6 1-Heptadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	17.36 ng	333963	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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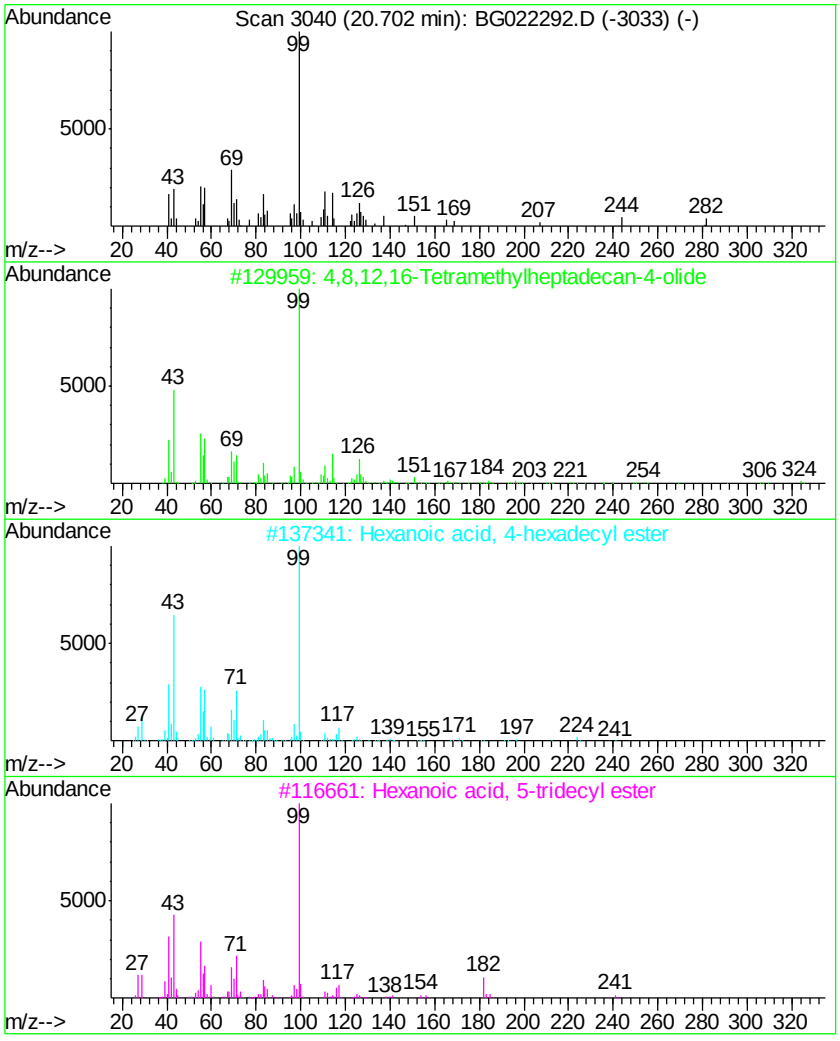
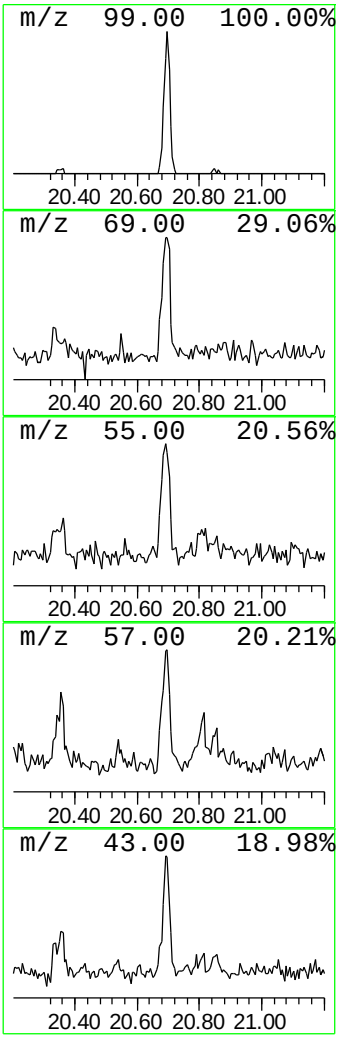
Peak Number 7 4,8,12,16-Tetramethylheptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.42 ng	54021	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	87
2	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	53
3	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	53
4	Acetaldehyde, diethylhydrazone	114	C6H14N2	007422-91-5	50
5	3,5,5-Trimethyl-1-hexyl methylph...	224	C10H22FO2P	1000298-44-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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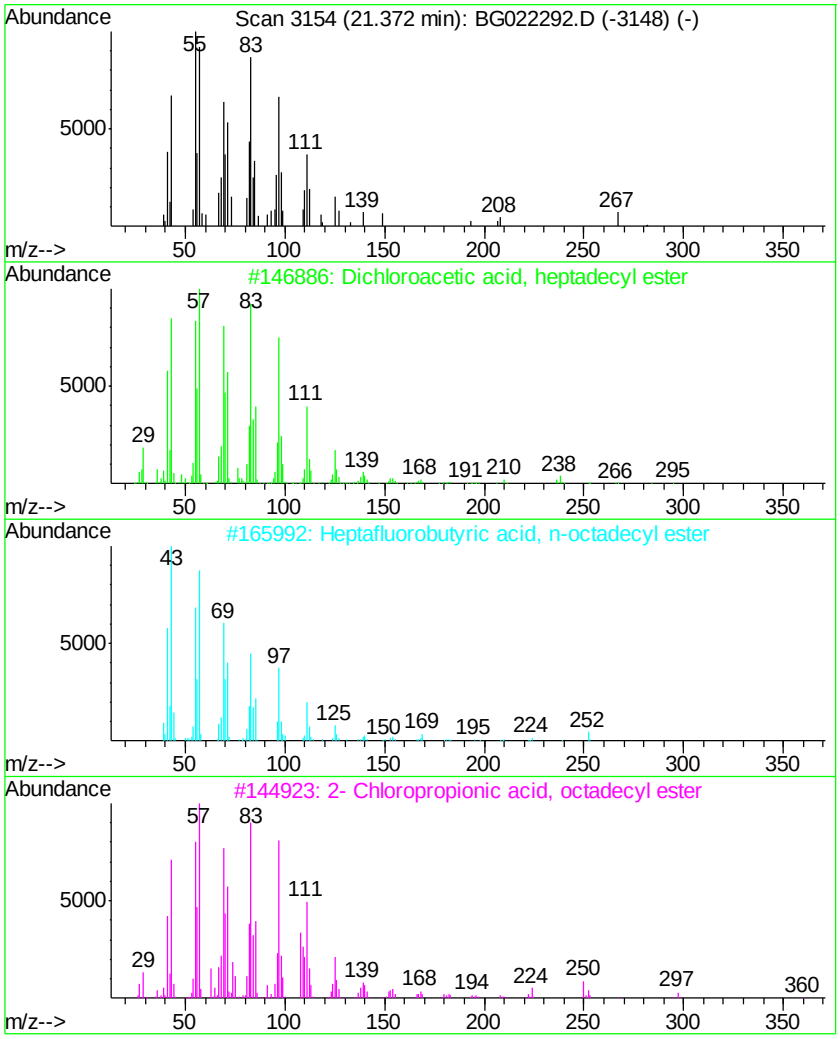
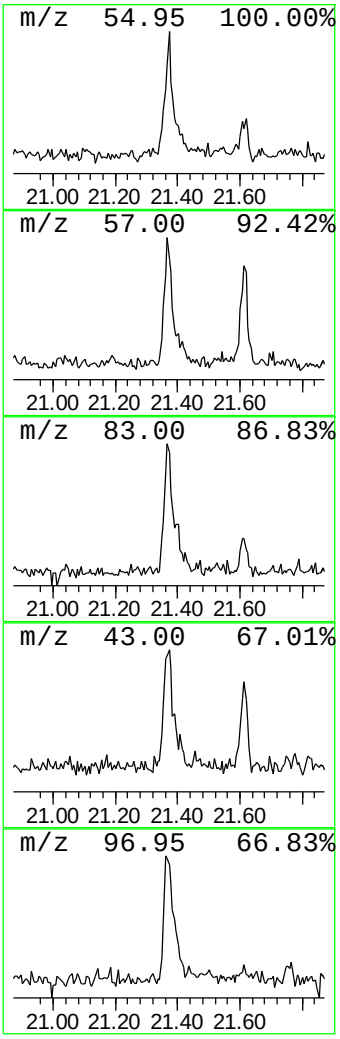
Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.09 ng	68823	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	86





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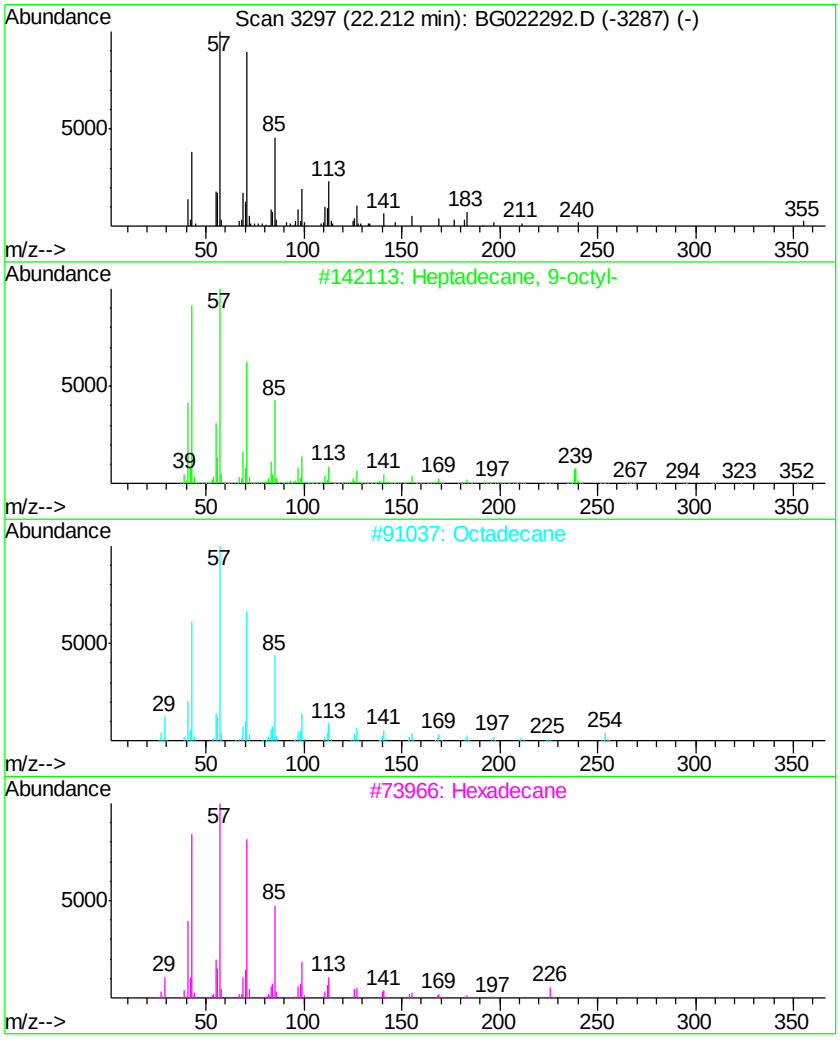
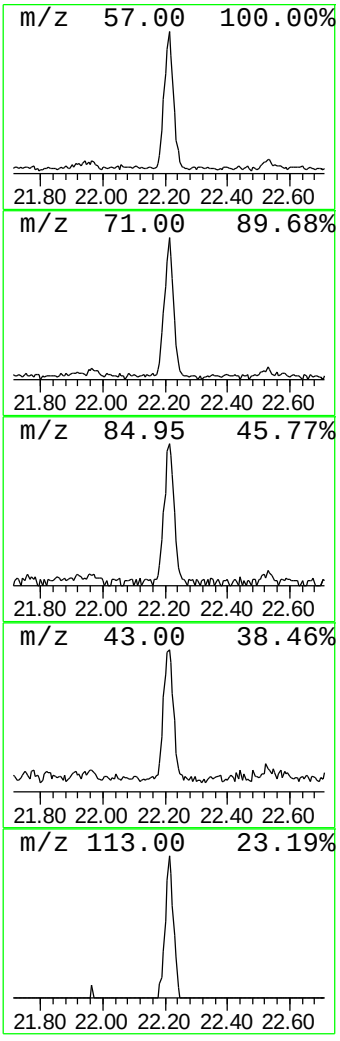
Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	5.23 ng	116615	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
2	Octadecane	254	C18H38	000593-45-3	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Tetratriacontane	479	C34H70	014167-59-0	80





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.97	2.97	173.1	ng	1143620	1	8.11	132118	20.0
2-Pentanone, 4-hy...	5.17	5.5	ng	36470	1	8.11	132118	20.0
unknown7.63	7.63	117.8	ng	777969	1	8.11	132118	20.0
1-Nonadecene	17.83	6.9	ng	132669	4	17.48	384656	20.0
1-Heptadecanol	19.19	17.4	ng	333963	4	17.48	384656	20.0
4,8,12,16-Tetrame...	20.70	2.4	ng	54021	5	21.76	445951	20.0
Dichloroacetic ac...	21.37	3.1	ng	68823	5	21.76	445951	20.0
Heptadecane, 9-oc...	22.21	5.2	ng	116615	5	21.76	445951	20.0