LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086144.D
Acq On : 7 Apr 2016 22:00
Operator : UM/SJ
Sample : H2282-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-13(0.5-20.0)

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_F\METHODS\8270-BF040216.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	4.899	244	246	261	rBV	210939	376818	12.34%	1.483%
2	5.333	281	284	302	rBV	2294287	2420931	79.26%	9.526%
3	6.384	374	376	378	rBV	2287868	2416004	79.10%	9.507%
4	6.510	384	387	389	rBV	1937924	2622446	85.86%	10.319%
5	6.739	404	407	409	rBV	494836	643966	21.08%	2.534%
6	6.887	418	420	423	rBV	2001476	1847748	60.49%	7.271%
7	7.310	454	457	459	rBV	1283916	1713667	56.10%	6.743%
8	8.019	517	519	522	rBV	981576	887681	29.06%	3.493%
9	9.093	611	613	616	rBV	2258536	2845320	93.15%	11.196%
10	9.493	646	648	651	rBV	379929	373592	12.23%	1.470%
11	9.711	665	667	669	rBV	60773	54340	1.78%	0.214%
12	9.768	670	672	675	rVB	854454	966576	31.65%	3.803%
13	9.939	684	687	691	rBV3	13385	31823	1.04%	0.125%
14	10.202	709	710	712	rVB	73351	85480	2.80%	0.336%
15	10.419	726	729	733	rBV	33912	64760	2.12%	0.255%
16	10.568	739	742	744	rBV	1794523	2014565	65.96%	7.927%
17	10.682	750	752	758	rVB	102921	143671	4.70%	0.565%
18	11.128	789	791	792	rBV	71404	66905	2.19%	0.263%
19	11.254	800	802	805	rBV	1129779	1012089	33.14%	3.982%
20	11.791	847	849	856	rBV	70143	84097	2.75%	0.331%
21	12.842	938	941	943	rBV	3237594	3054400	100.00%	12.019%
22	13.322	977	983	985	rBV	36050	45362	1.49%	0.178%
23	13.745	1017	1020	1027	rBV	67522	126864	4.15%	0.499%
24	13.894	1030	1033	1035	rBV	799604	857264	28.07%	3.373%
25	14.717	1103	1105	1107	rVB	81642	75545	2.47%	0.297%
26	15.288	1152	1155	1161	rBV	487148	581546	19.04%	2.288%

Sum of corrected areas: 25413460

LSC Report - Integrated Chromatogram

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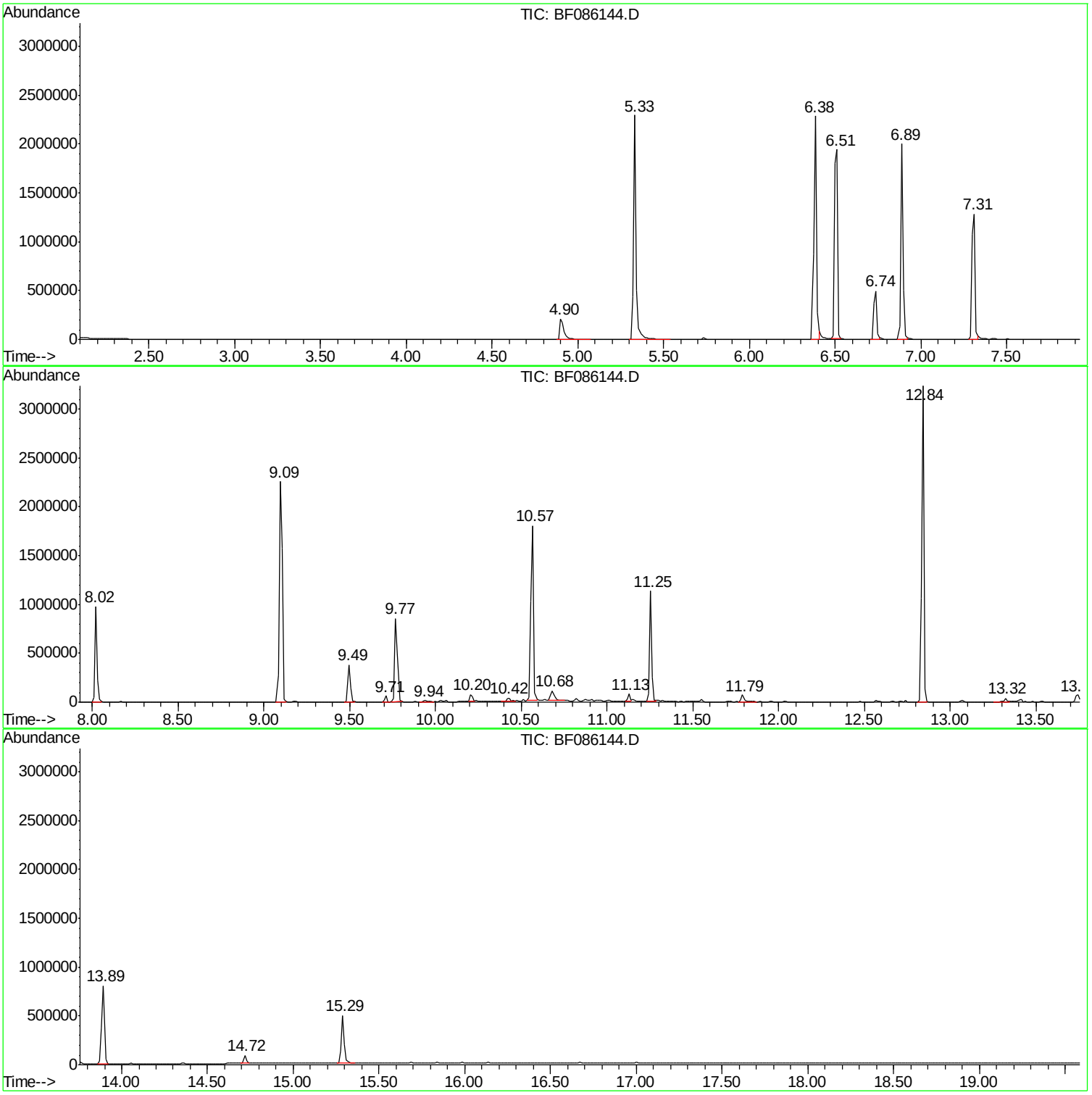
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-13(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086144.D
Acq On : 7 Apr 2016 22:00
Operator : UM/SJ
Sample : H2282-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-13(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

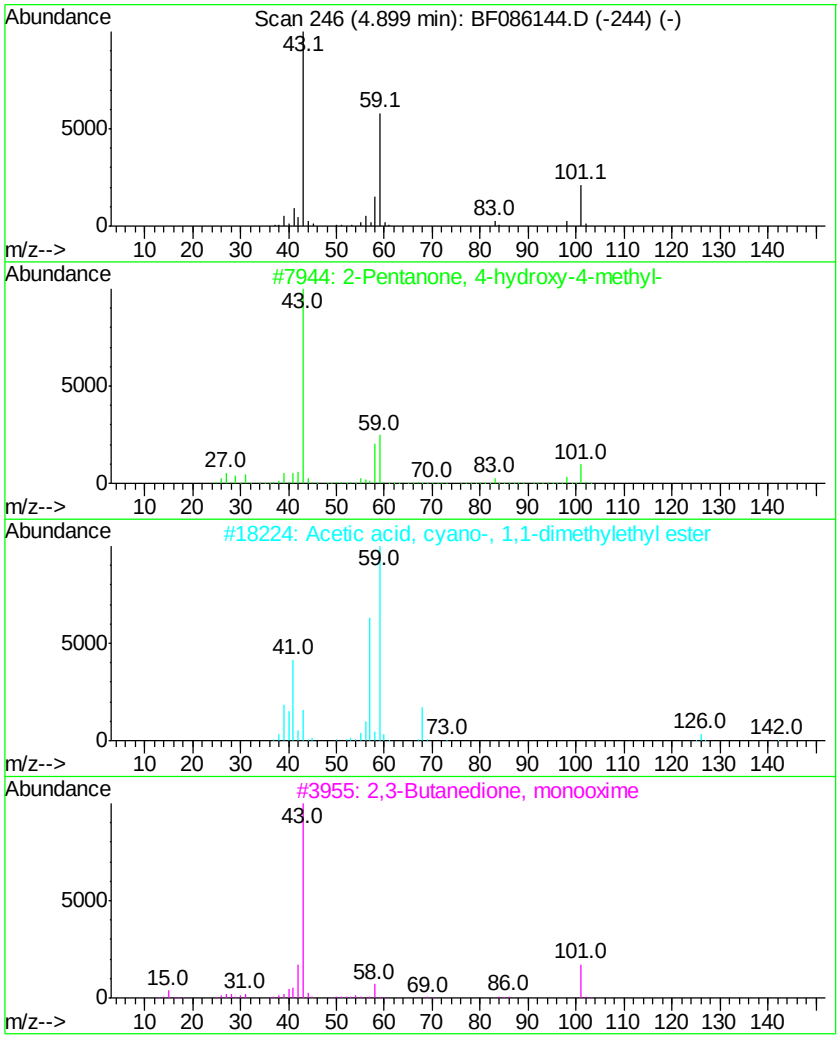
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

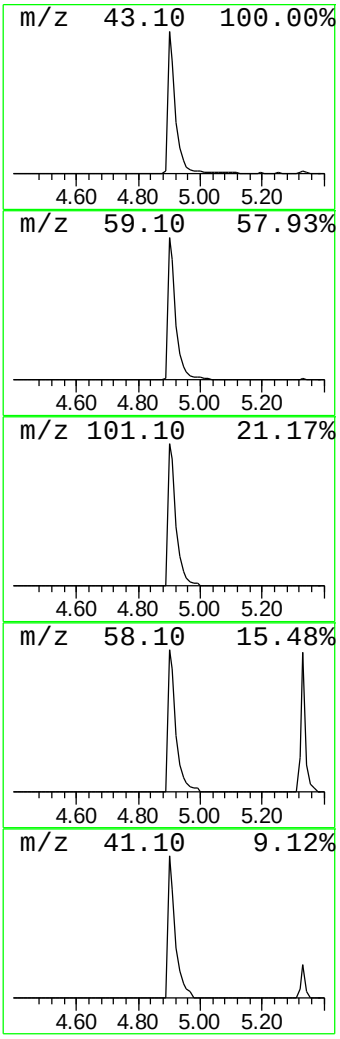
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	11.70 ng	376818	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-13(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

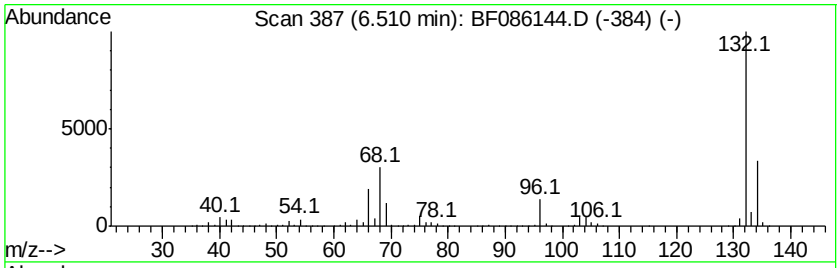
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

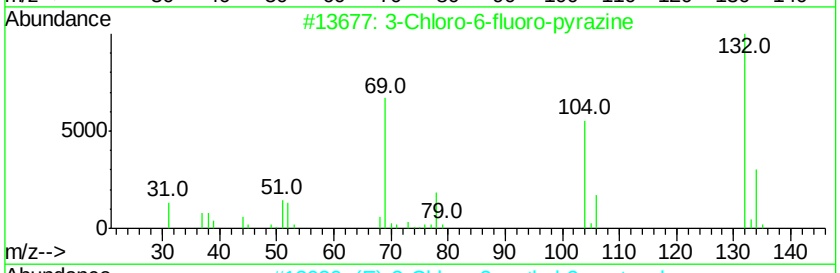
****

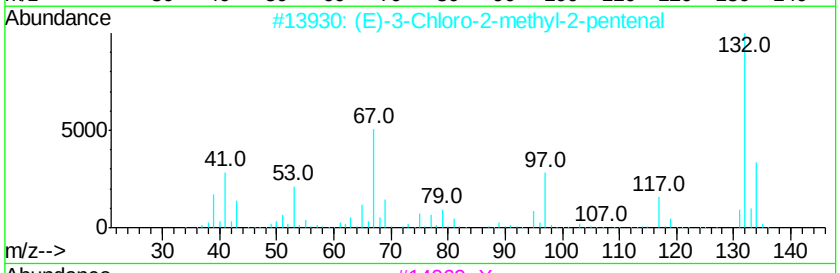
Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

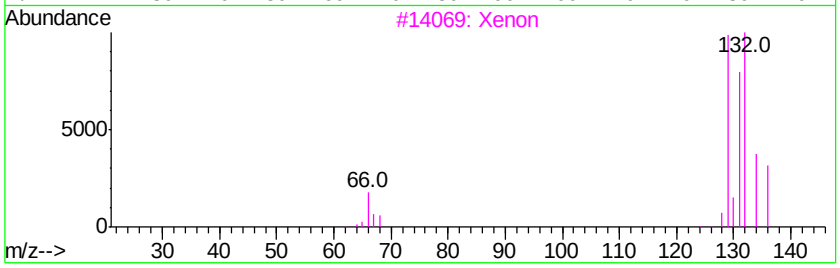
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	81.45 ng	2622450	1,4-Dichlorobenzene-d4	6.74

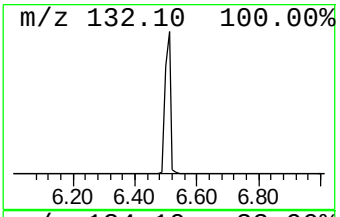
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	52
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3	Xenon	132	Xe	007440-63-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9

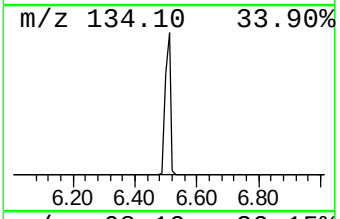


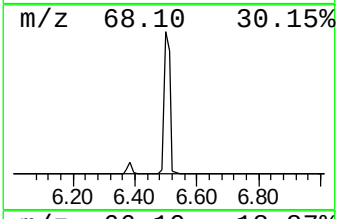


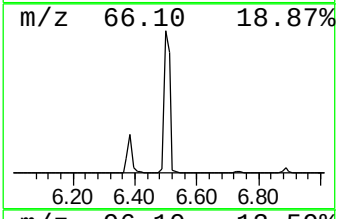


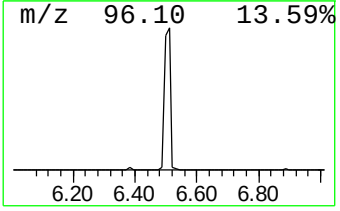












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Instrument : BNA_F
ClientSampleId : AMBOY-SB-13(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

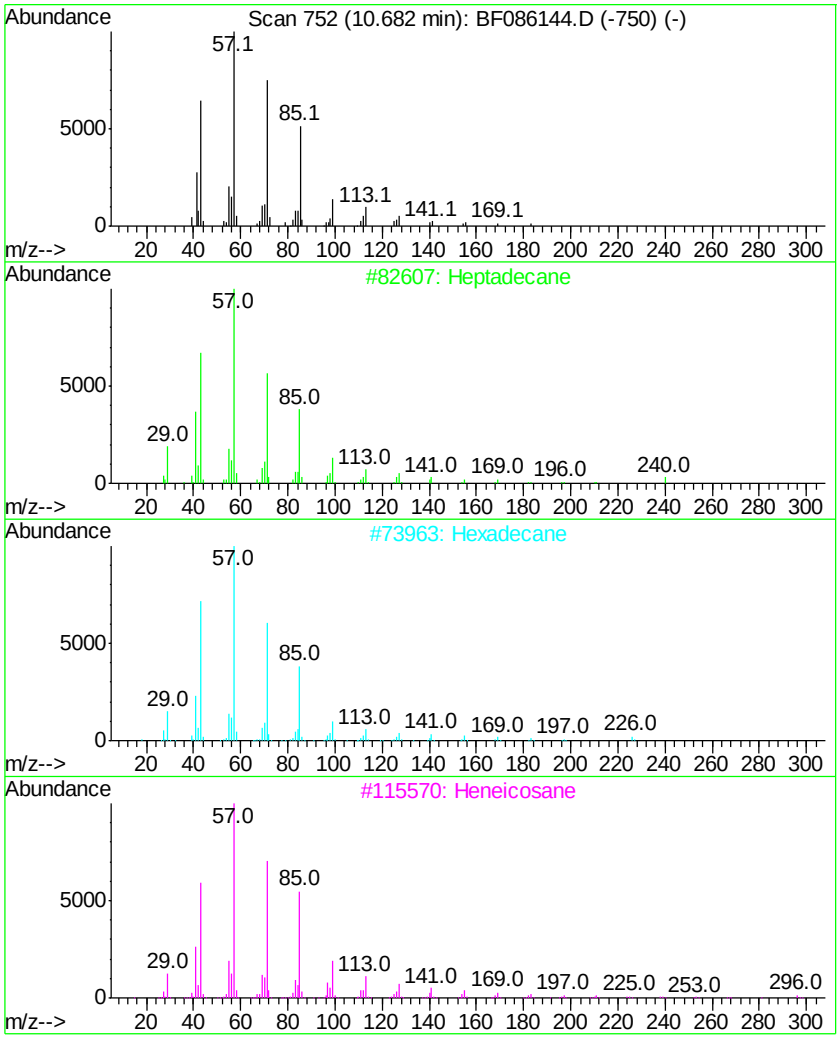
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

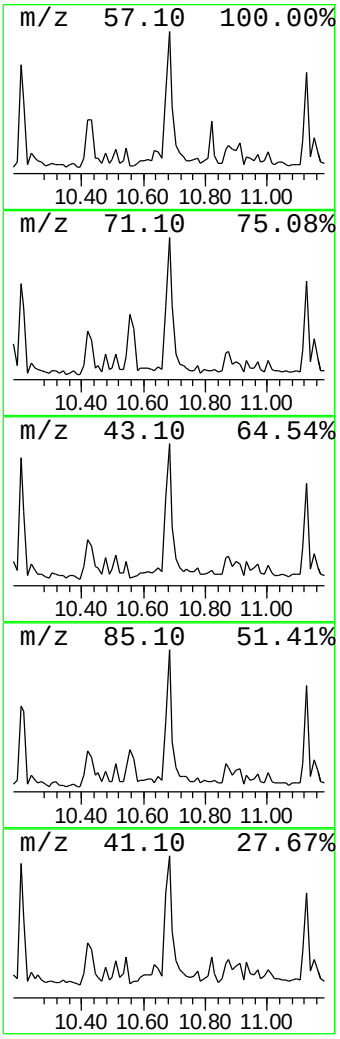
****

Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.84 ng	143671	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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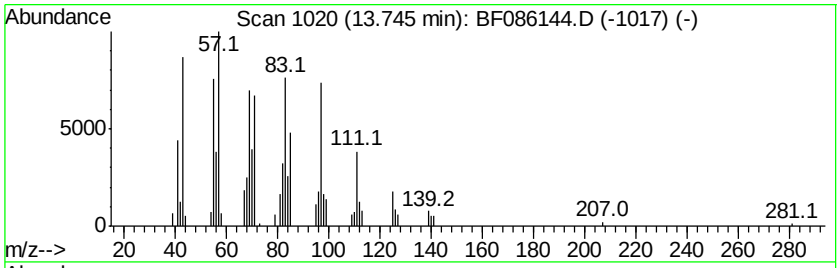
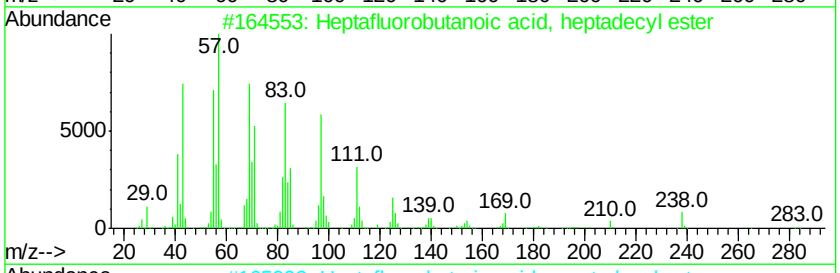
****

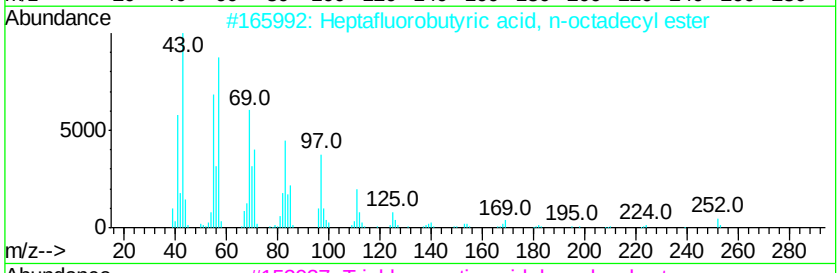
Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 4

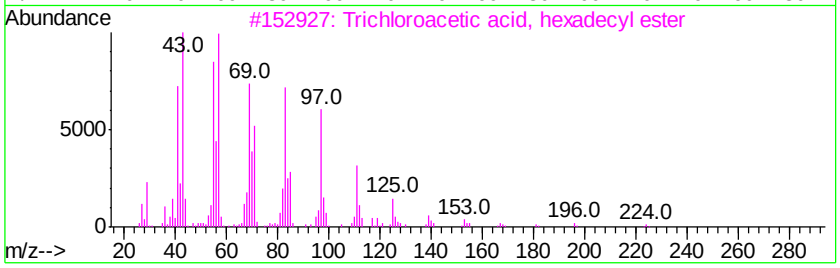
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.96 ng	126864	Chrysene-d12	13.89

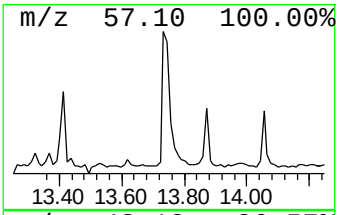
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91

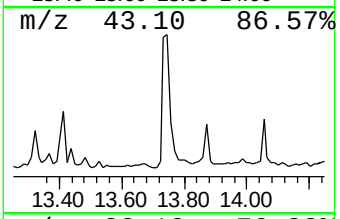


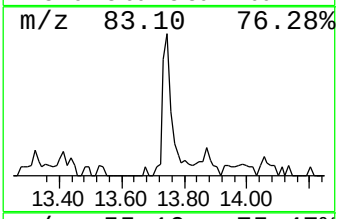


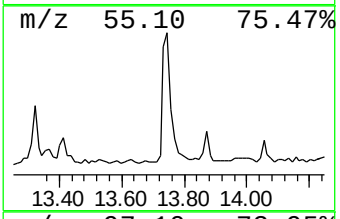


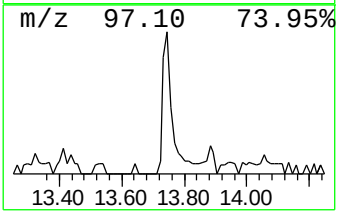












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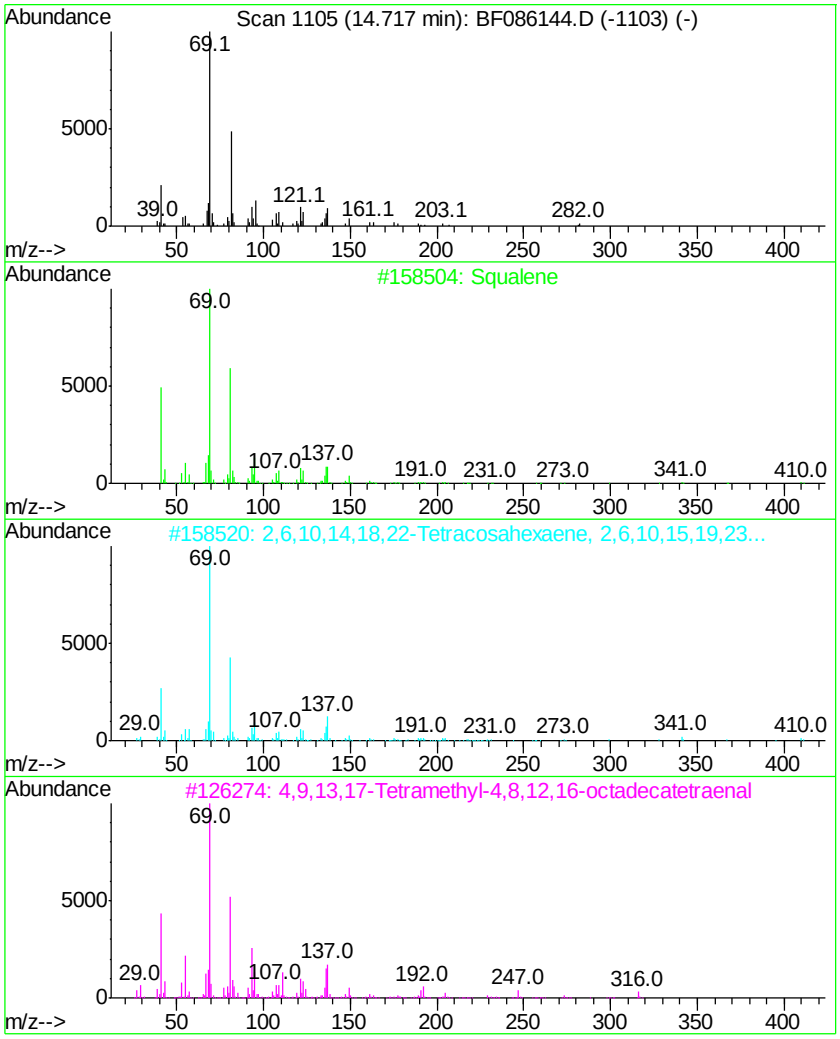
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

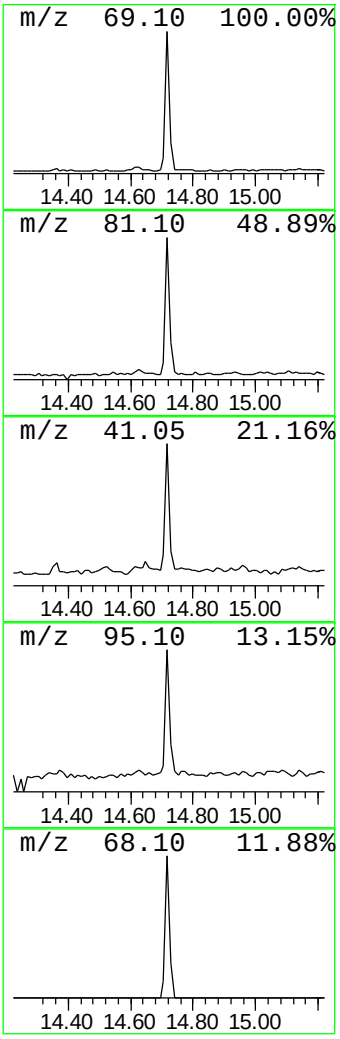
****

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.60 ng	75545	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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
2-Pentanone, 4-hy...	4.90	11.7	ng	376818	1	6.74	643966	20.0
3-Chloro-6-fluoro...	6.51	81.5	ng	2622450	1	6.74	643966	20.0
Heptadecane	10.68	2.8	ng	143671	4	11.25	1012090	20.0
Heptafluorobutano...	13.75	3.0	ng	126864	5	13.89	857264	20.0
Squalene	14.72	2.6	ng	75545	6	15.29	581546	20.0