LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086541.D
Acq On : 1 May 2016 00:29
Operator : UM/SJ
Sample : H2720-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10D46

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-BF042716.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	4.933	247	249	257	rBV	206991	296318	6.63%	0.815%
2	5.356	283	286	289	rBV	3443830	3628724	81.21%	9.982%
3	5.767	319	322	331	rVB2	26187	56962	1.27%	0.157%
4	6.407	375	378	380	rBV	3767046	4468587	100.00%	12.292%
5	6.533	386	389	391	rBV	4031701	4033590	90.27%	11.096%
6	6.761	407	409	420	rBV	741829	855985	19.16%	2.355%
7	6.921	420	423	425	rBV	3186955	2998063	67.09%	8.247%
8	7.333	456	459	461	rBV	2427066	2709276	60.63%	7.453%
9	8.053	519	522	524	rBV	991728	1052438	23.55%	2.895%
10	9.127	613	616	619	rBV	3727265	3720819	83.27%	10.235%
11	9.527	649	651	653	rBV	382876	434875	9.73%	1.196%
12	9.745	667	670	672	rBV	78372	70467	1.58%	0.194%
13	9.802	672	675	677	rBV	1375302	1286301	28.79%	3.538%
14	10.247	710	714	715	rBV2	80777	120662	2.70%	0.332%
15	10.465	729	733	736	rBV	38451	69852	1.56%	0.192%
16	10.590	741	744	746	rBV	2775505	2943443	65.87%	8.097%
17	10.716	753	755	762	rVB	129853	175996	3.94%	0.484%
18	11.162	792	794	795	rBV	61965	55071	1.23%	0.151%
19	11.276	802	804	807	rBV	894413	1198016	26.81%	3.296%
20	12.865	940	943	946	rBV	3136120	3714458	83.12%	10.218%
21	13.779	1020	1023	1032	rBV2	102612	224387	5.02%	0.617%
22	13.905	1032	1034	1042	rBV	888682	1175554	26.31%	3.234%
23	15.299	1153	1156	1159	rBV	590436	845012	18.91%	2.324%
24	16.740	1277	1282	1289	rBV	21716	63865	1.43%	0.176%
25	17.368	1333	1337	1344	rVB	22313	58509	1.31%	0.161%
26	18.111	1398	1402	1408	rBV3	15699	50002	1.12%	0.138%
27	19.003	1475	1480	1487	rBV3	13934	45751	1.02%	0.126%

Sum of corrected areas: 36352983

LSC Report - Integrated Chromatogram

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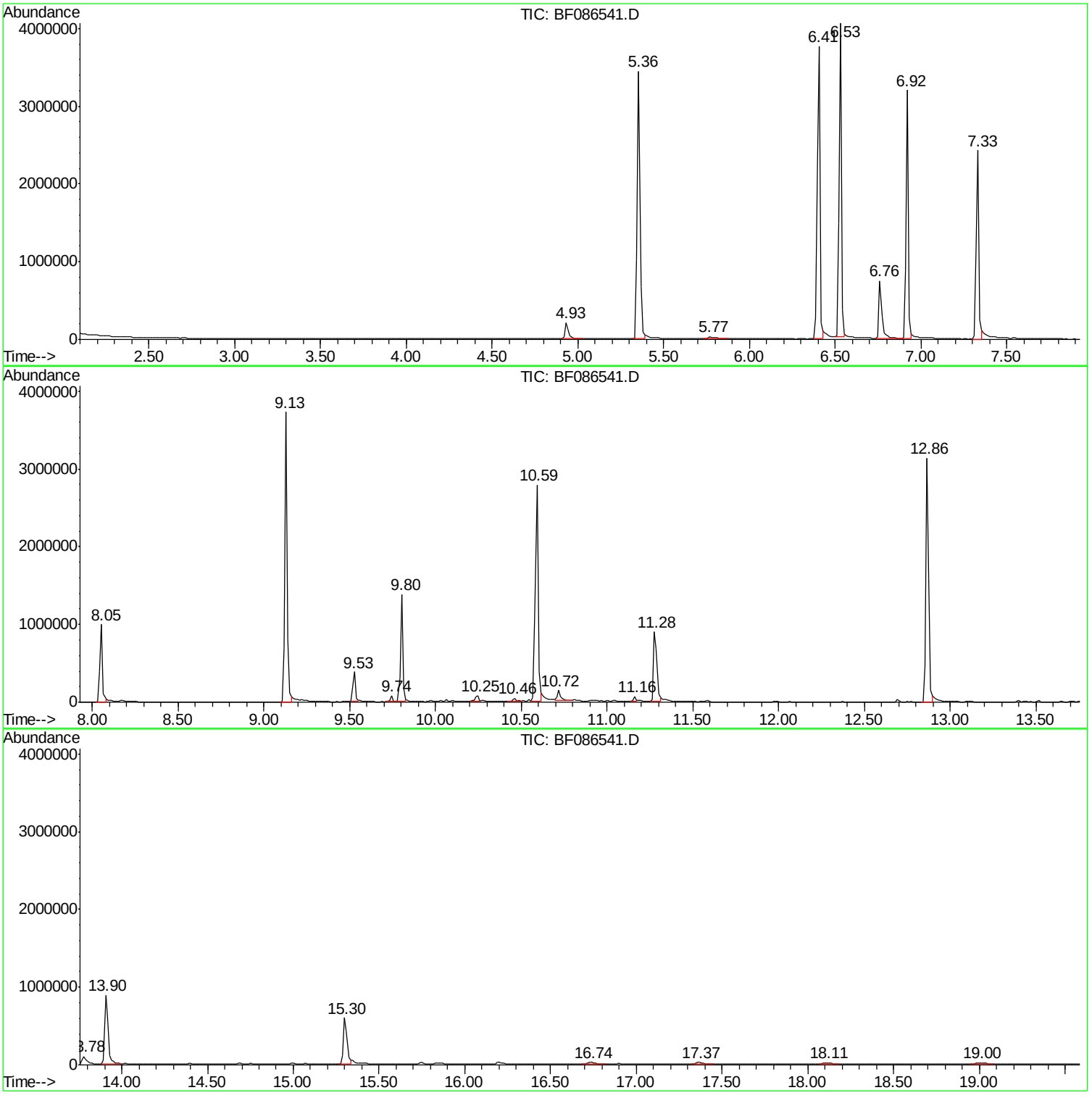
ClientSampleId : TP-10D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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TIC Library : C:\DATABASE\NIST02.L
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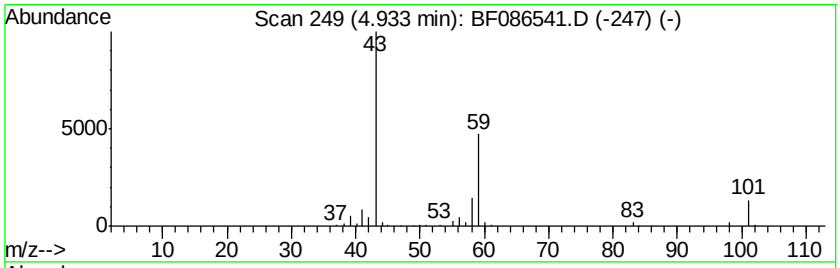
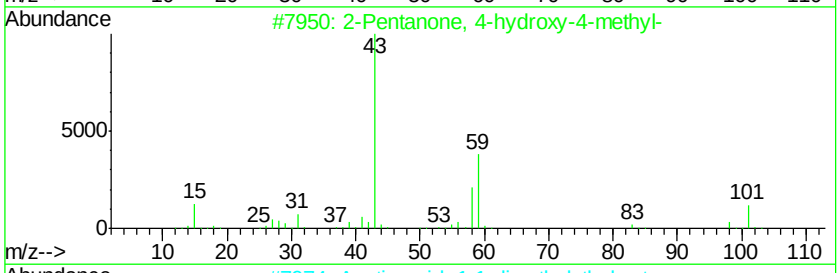
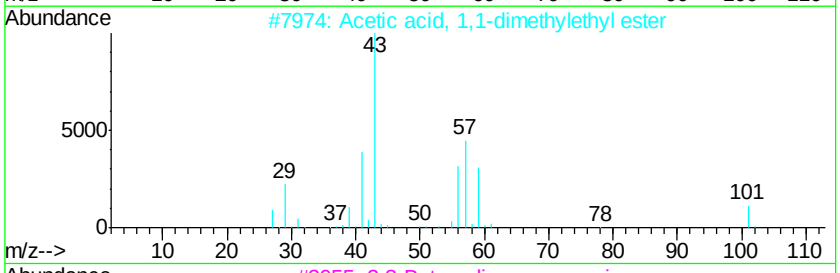
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

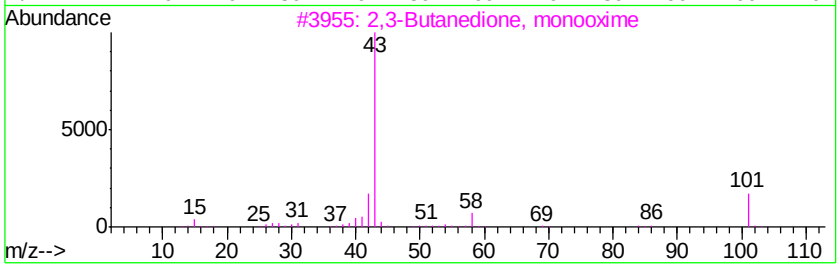
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.92 ng	296318	1,4-Dichlorobenzene-d4	6.76

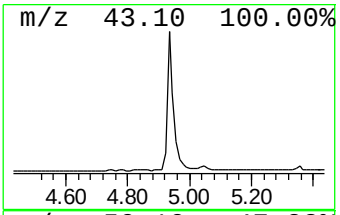
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9

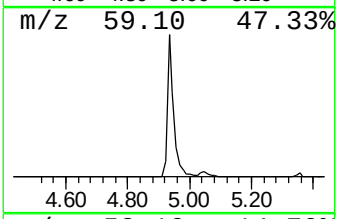


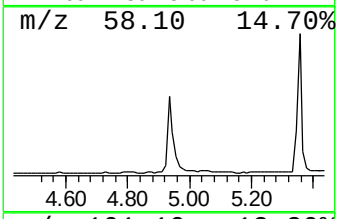


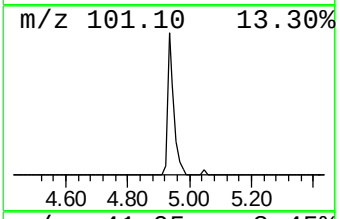


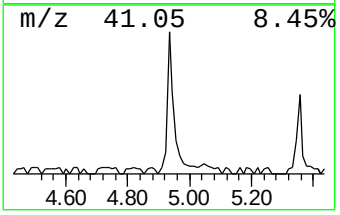












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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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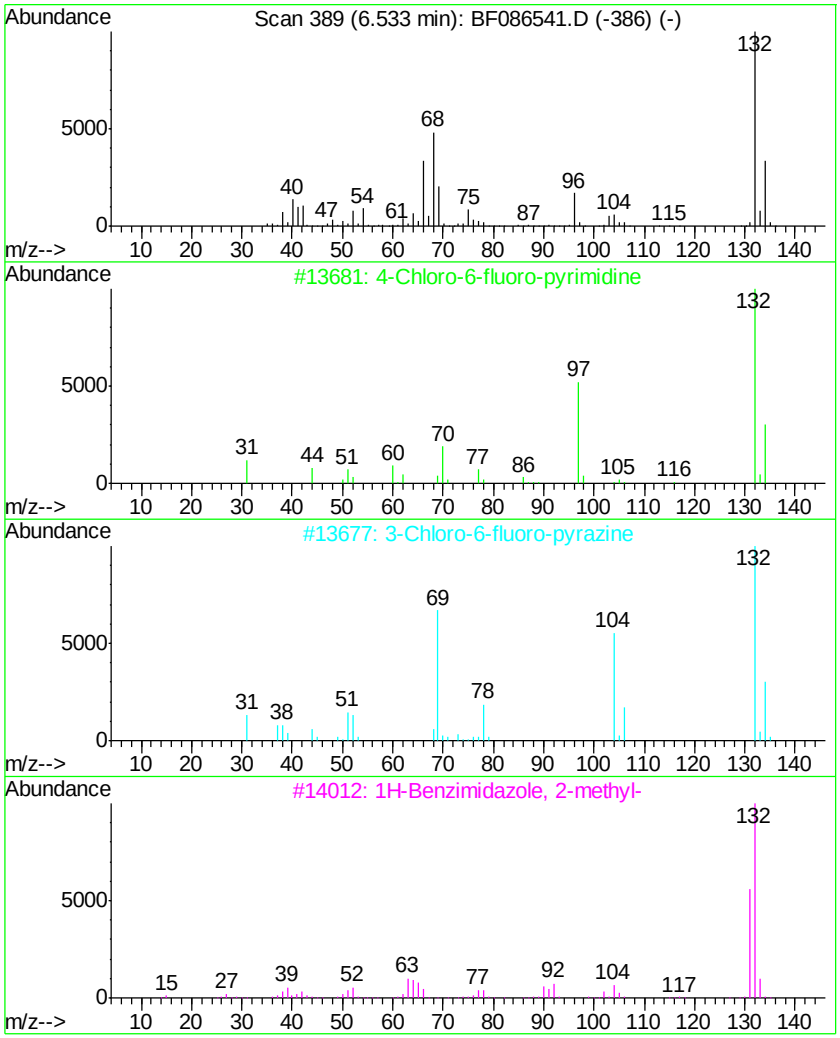
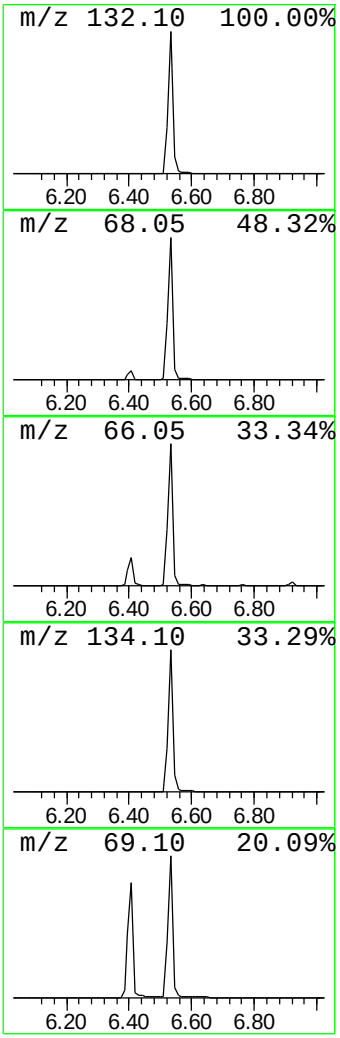
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	94.24 ng	4033590	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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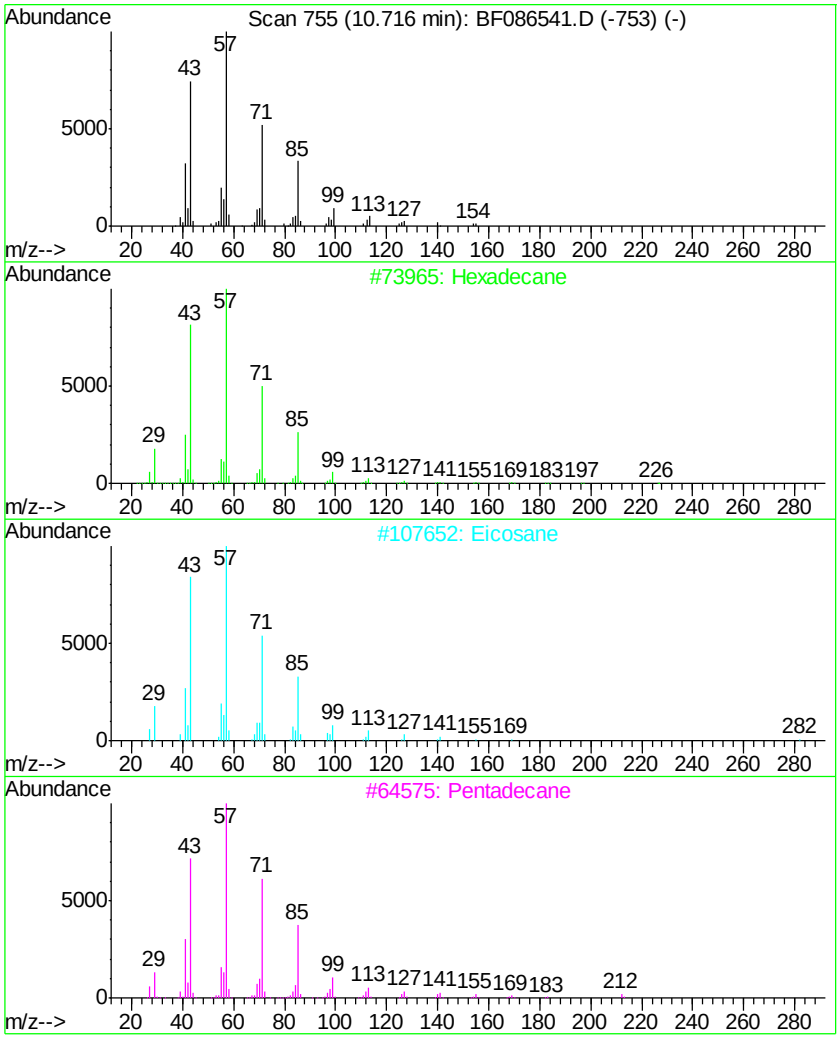
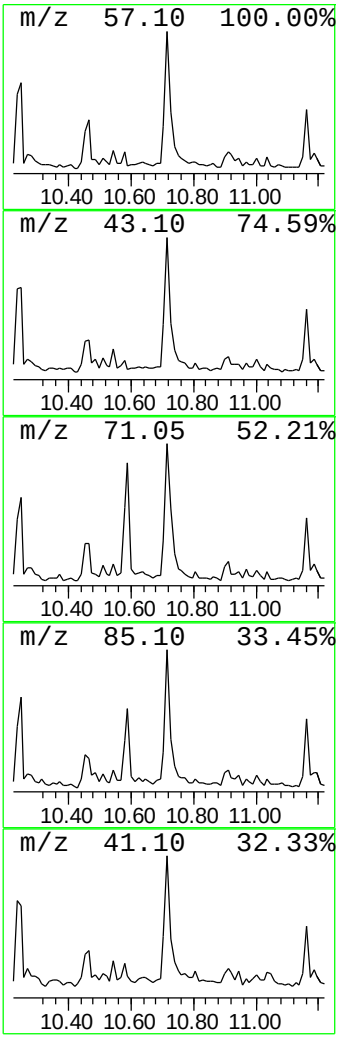
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.94 ng	175996	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





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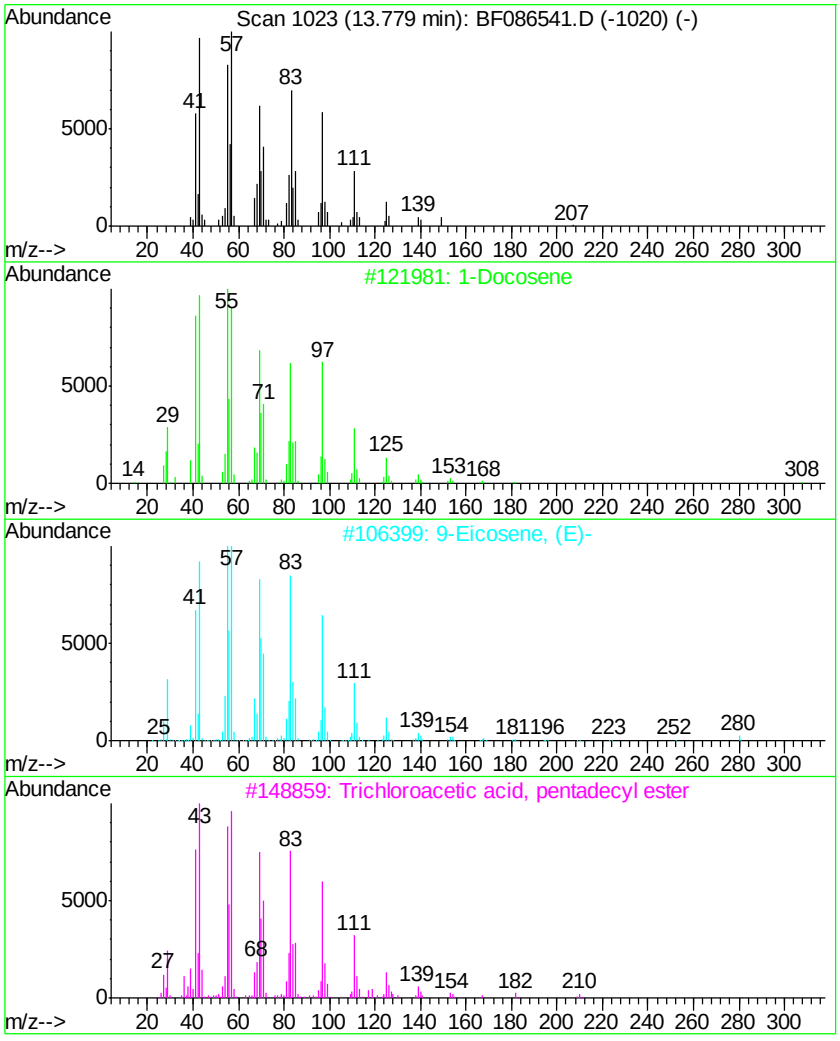
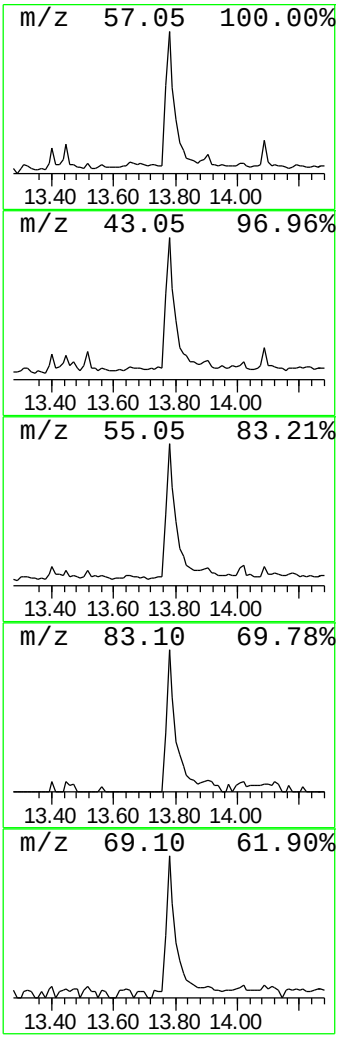
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.82 ng	224387	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	6.9	ng	296318	1	6.76	855985	20.0
unknown6.53	6.53	94.2	ng	4033590	1	6.76	855985	20.0
Hexadecane	10.72	2.9	ng	175996	4	11.28	1198020	20.0
1-Docosene	13.78	3.8	ng	224387	5	13.90	1175550	20.0