LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085688.D
Acq On : 23 Mar 2016 6:00
Operator : UM/SJ
Sample : H1858-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-13A

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-BF031816.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	5.019	236	239	251	rBV	689529	1277392	26.47%	3.335%
2	5.442	273	276	278	rBV	3198792	3761081	77.95%	9.819%
3	5.842	308	311	315	rVB	85965	124570	2.58%	0.325%
4	6.470	363	366	369	rBV	2543761	4019636	83.31%	10.494%
5	6.607	375	378	380	rBV	3243877	4186572	86.77%	10.930%
6	6.836	395	398	400	rBV	654312	810633	16.80%	2.116%
7	6.985	409	411	414	rBV	2513358	3145023	65.18%	8.210%
8	7.396	444	447	450	rBV	1980793	2762995	57.26%	7.213%
9	8.116	507	510	512	rBV	1295055	1126710	23.35%	2.941%
10	9.190	601	604	607	rBV	3297846	4825175	100.00%	12.597%
11	9.591	637	639	640	rBV	563611	566751	11.75%	1.480%
12	9.808	655	658	660	rBV	89347	107837	2.23%	0.282%
13	9.865	661	663	666	rVB	1152916	1167243	24.19%	3.047%
14	10.299	699	701	703	rVB	172793	150642	3.12%	0.393%
15	10.516	717	720	724	rBV	56159	104817	2.17%	0.274%
16	10.665	729	733	735	rBV2	2176798	2860144	59.28%	7.467%
17	10.768	741	742	749	rVB	116807	204665	4.24%	0.534%
18	11.225	780	782	783	rBV	49233	62128	1.29%	0.162%
19	11.351	791	793	795	rBV	1342579	1127855	23.37%	2.944%
20	11.876	837	839	845	rBV3	129916	172003	3.56%	0.449%
21	12.939	929	932	934	rBV	3734373	3905634	80.94%	10.196%
22	13.831	1007	1010	1016	rBV	156319	247234	5.12%	0.645%
23	13.980	1020	1023	1028	rBV	790399	767668	15.91%	2.004%
24	14.448	1062	1064	1071	rBV5	22794	56795	1.18%	0.148%
25	14.734	1087	1089	1094	rVV2	50140	79125	1.64%	0.207%
26	15.397	1144	1147	1150	rBV	530019	684644	14.19%	1.787%

Sum of corrected areas: 38304972

LSC Report - Integrated Chromatogram

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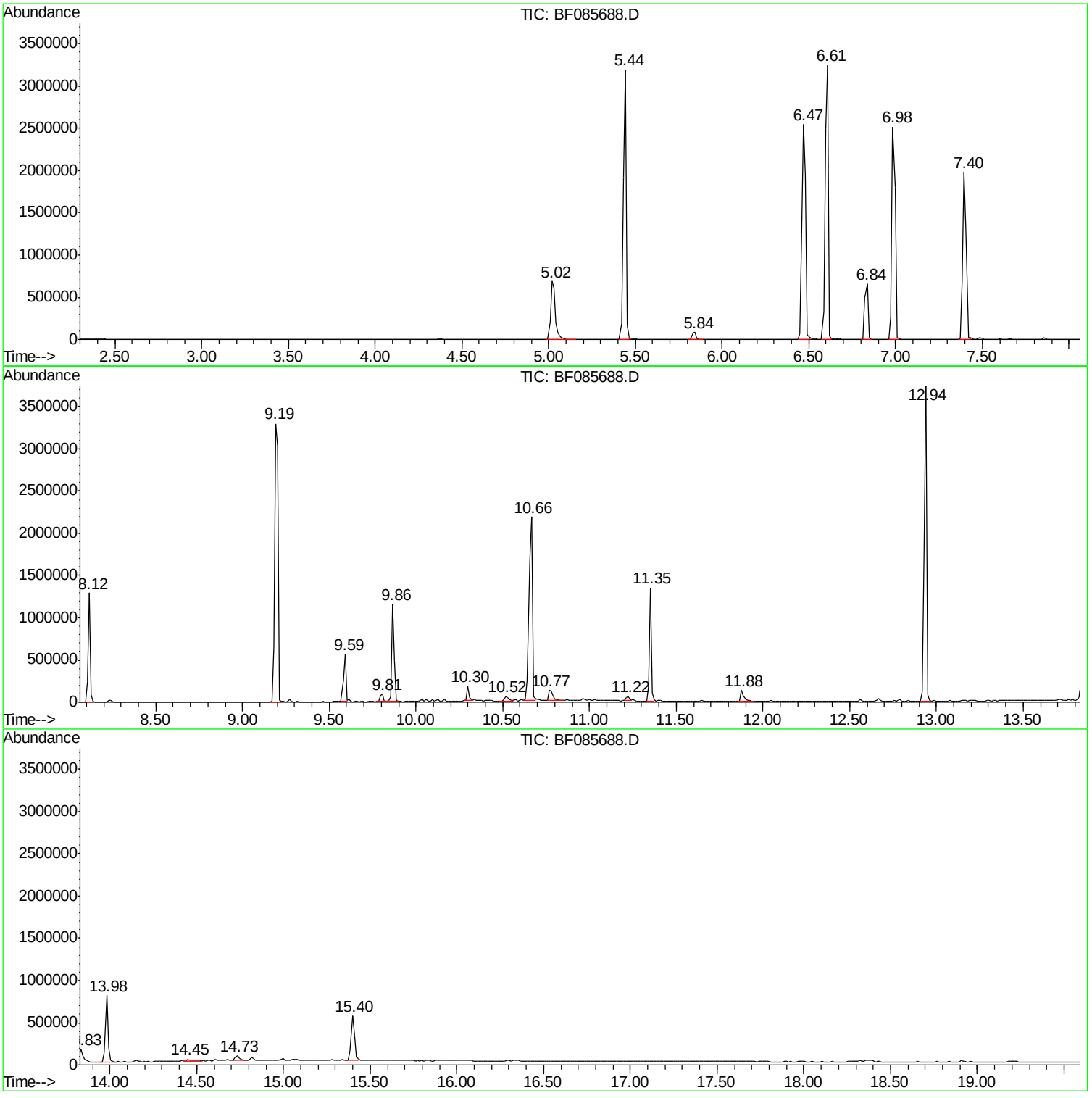
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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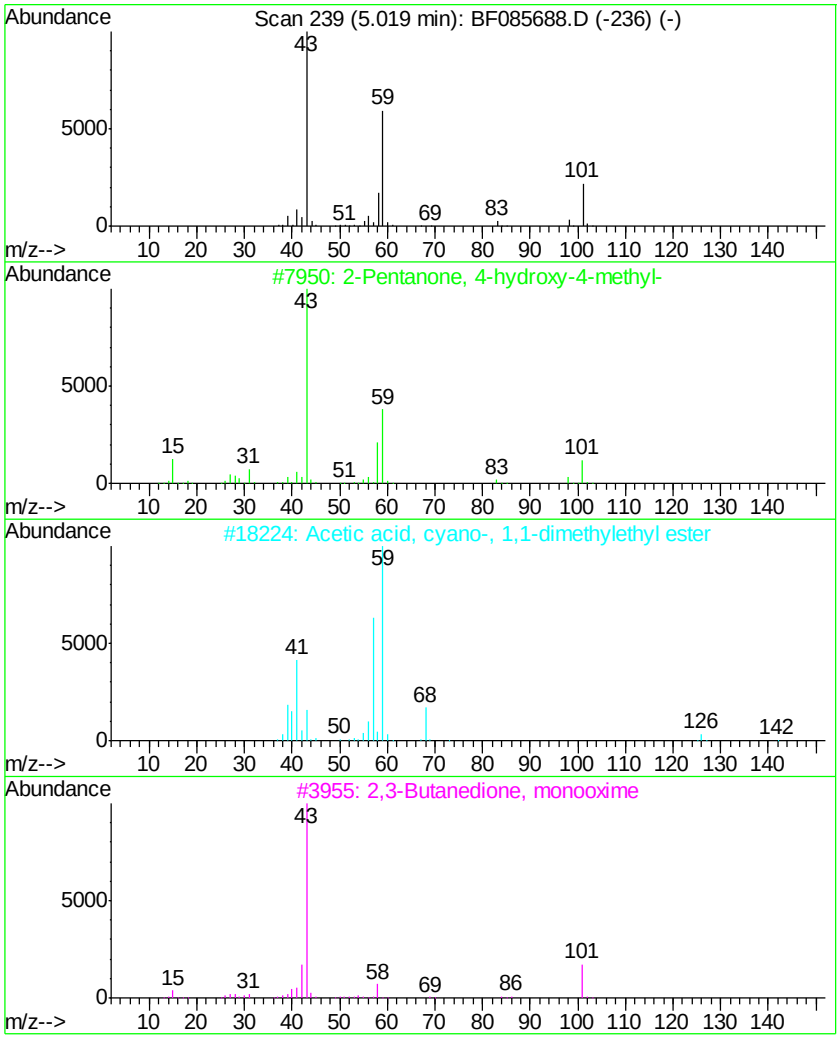
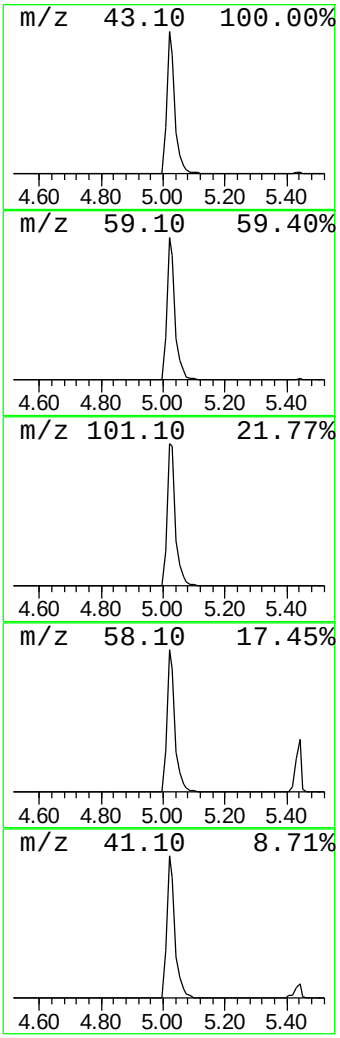
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	31.52 ng	1277390	1,4-Dichlorobenzene-d4	6.84

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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

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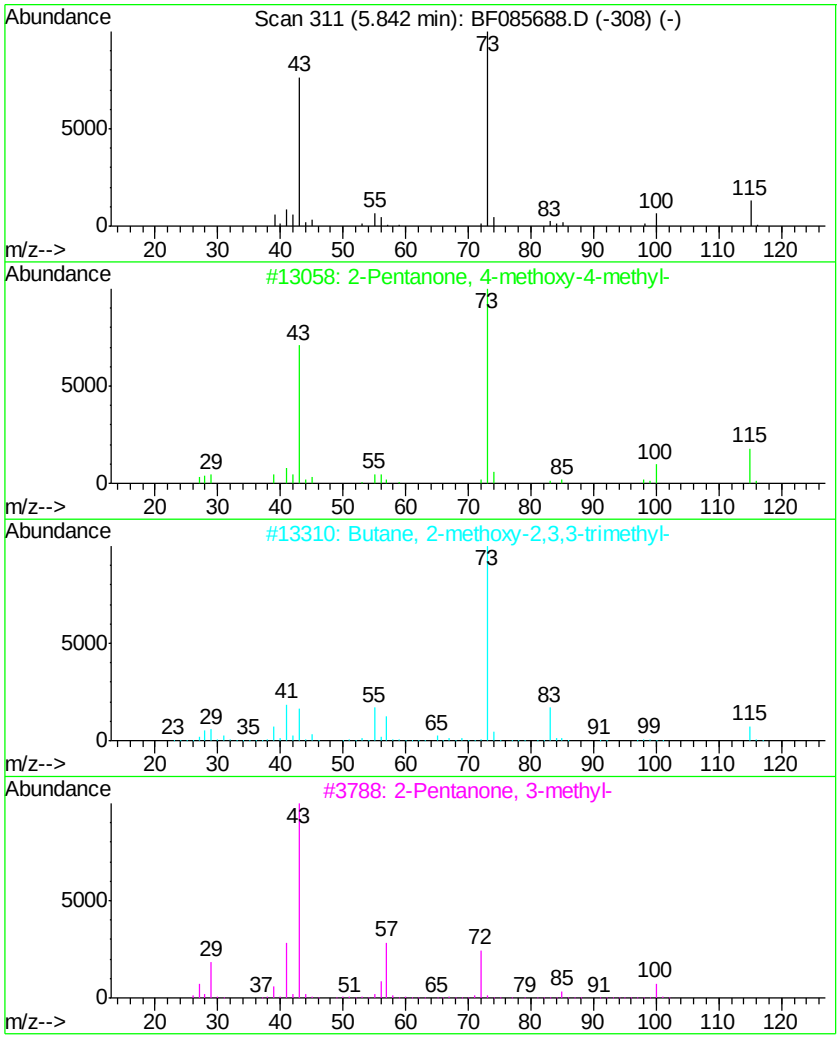
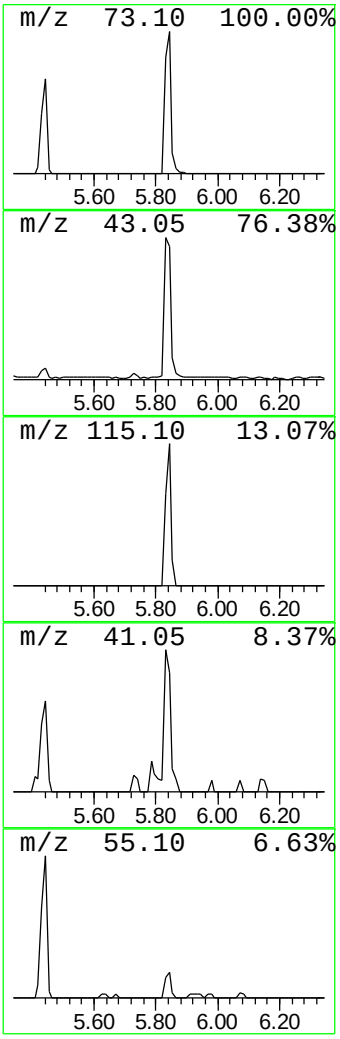
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	3.07 ng	124570	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	74
2	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	16
4	Heptane	100	C7H16	000142-82-5	12
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-13A

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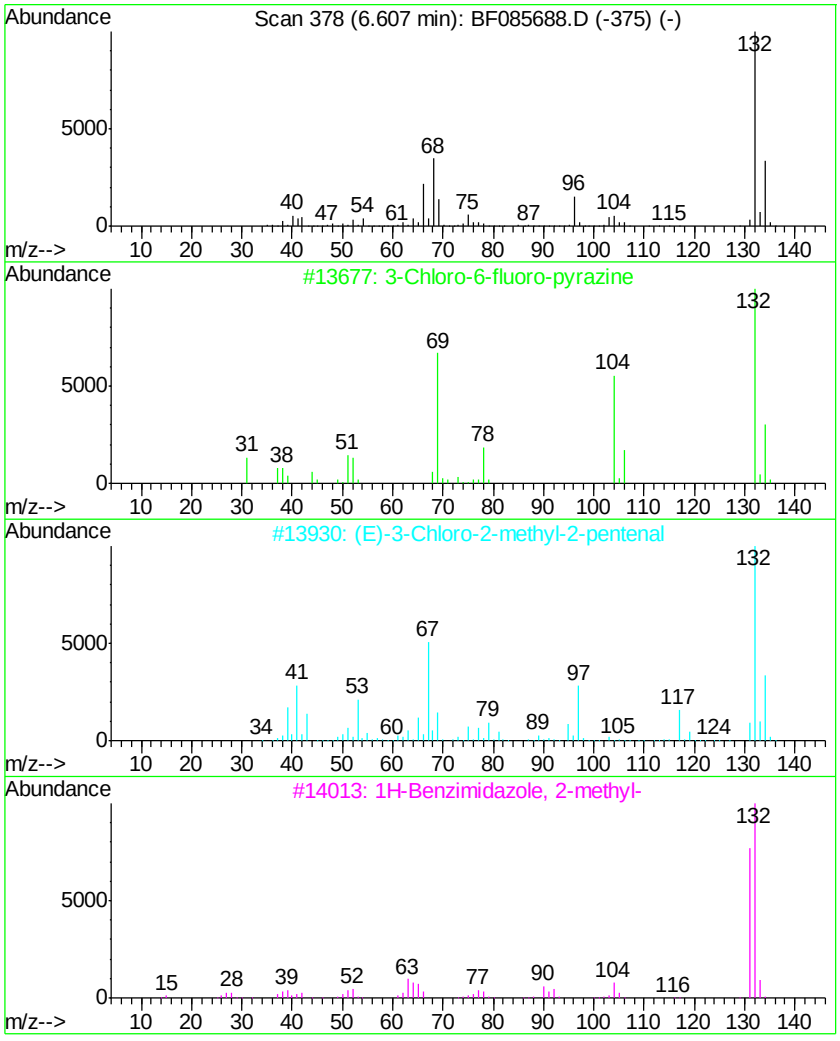
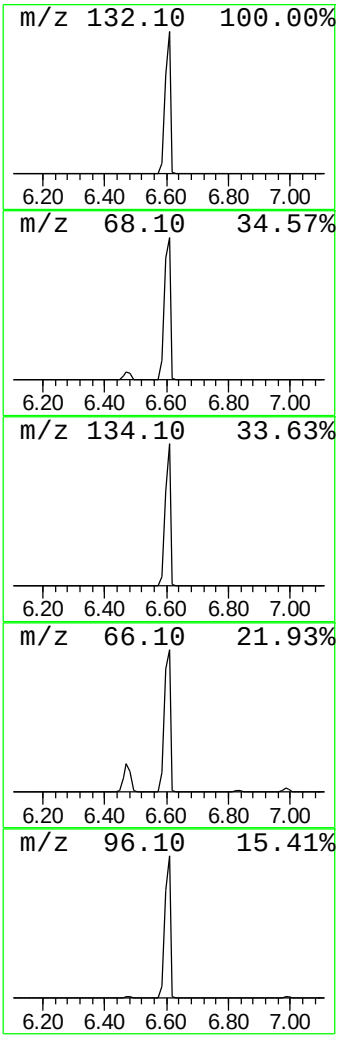
Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	103.29 ng	4186570	1,4-Dichlorobenzene-d4	6.84

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	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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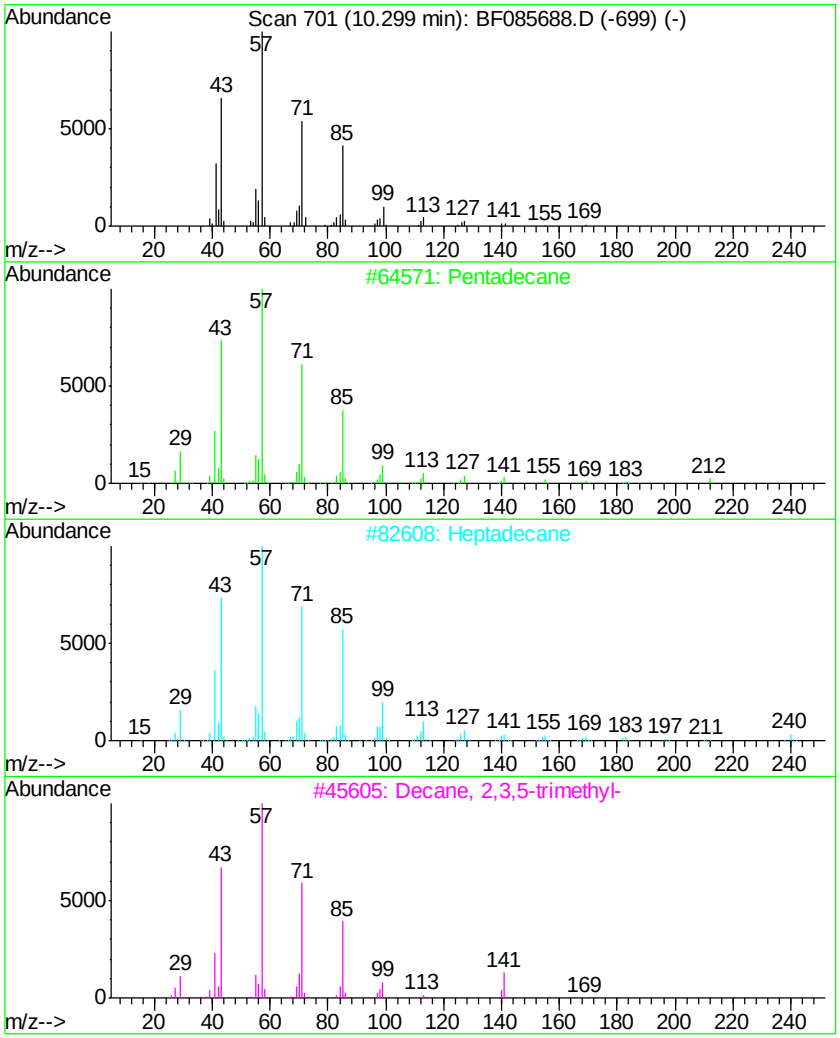
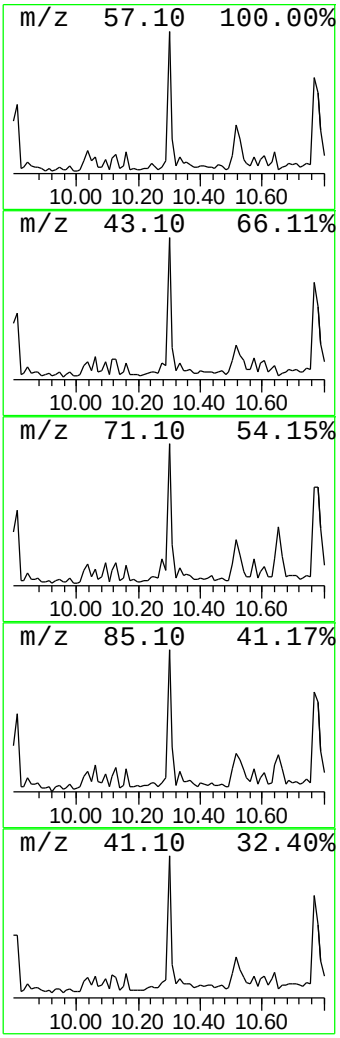
Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.58 ng	150642	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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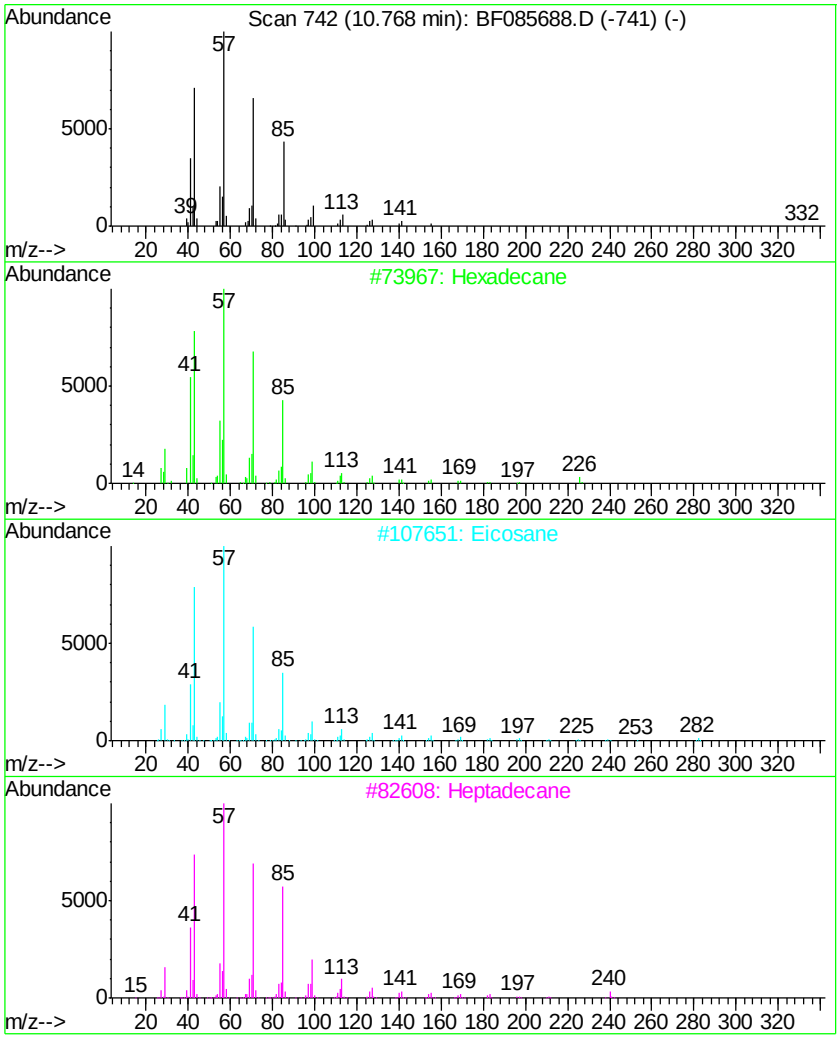
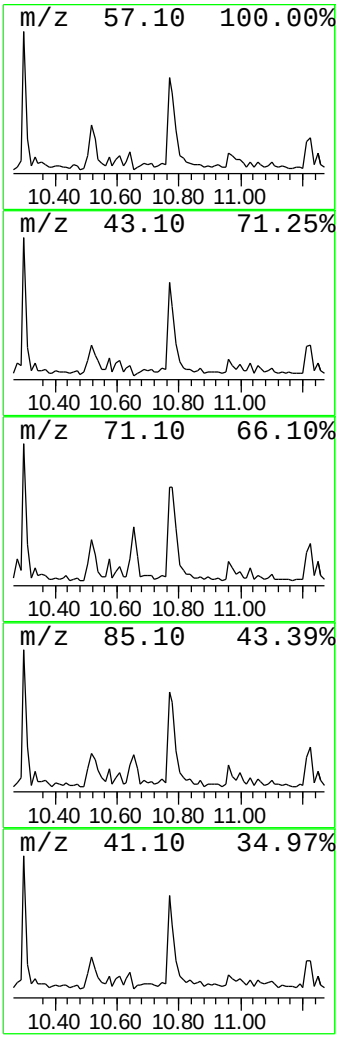
****

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.63 ng	204665	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Pentadecane	212	C15H32	000629-62-9	78
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





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TIC Library : C:\DATABASE\NIST02.L
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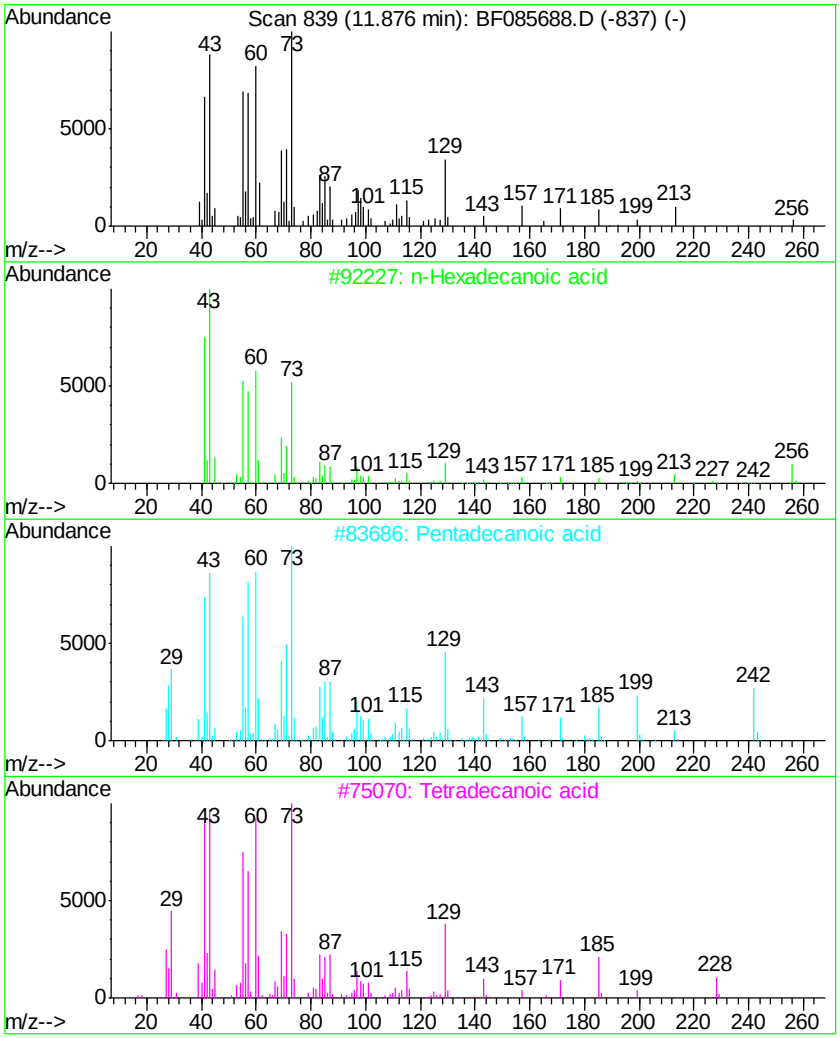
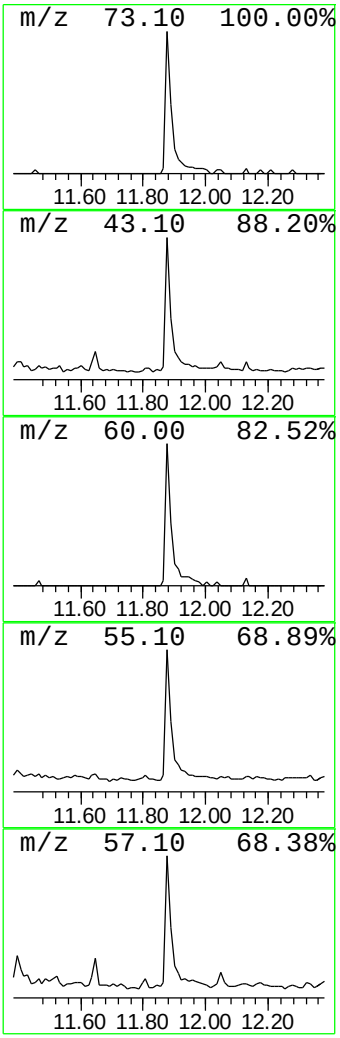
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.05 ng	172003	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	11





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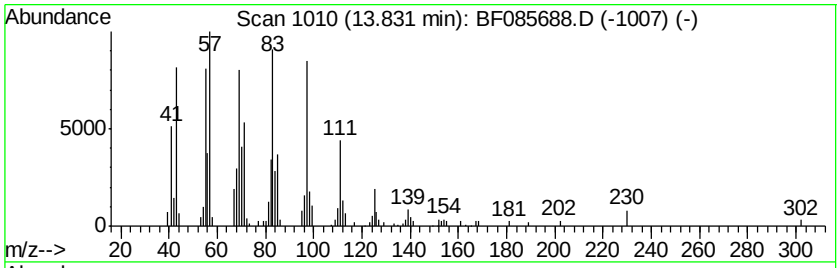
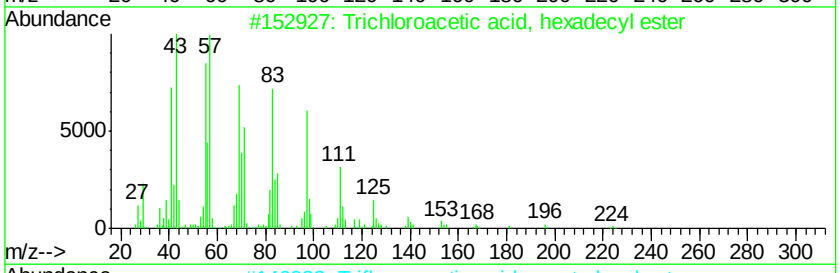
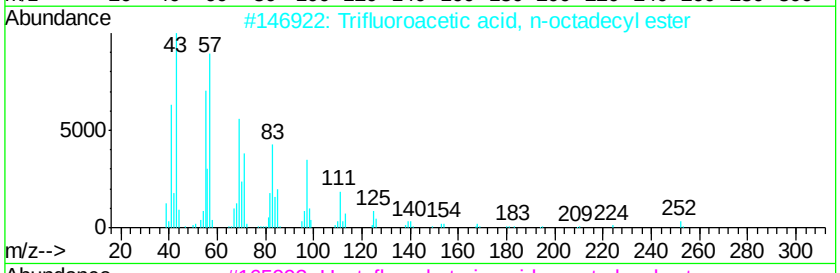
Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

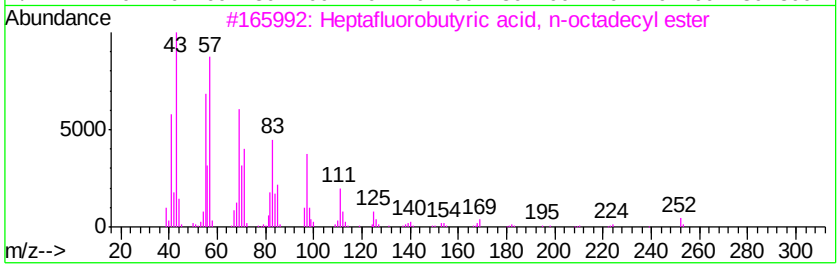
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.44 ng	247234	Chrysene-d12	13.98

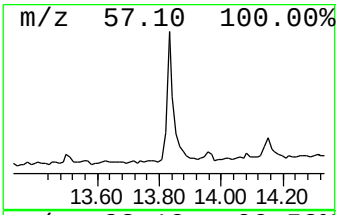
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91

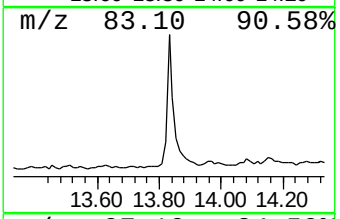


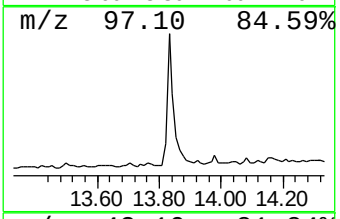


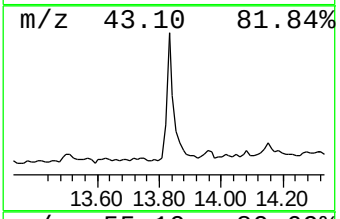


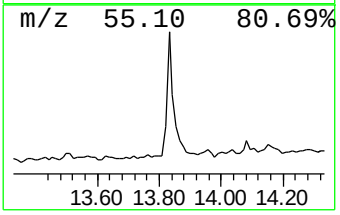












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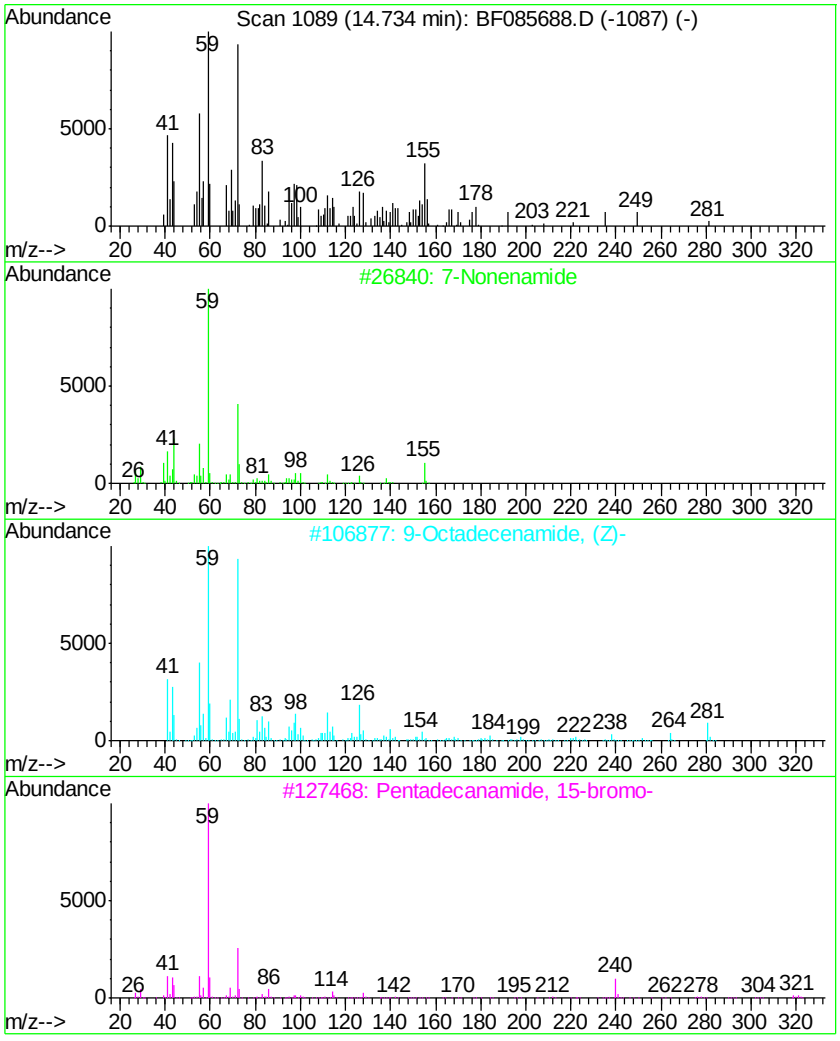
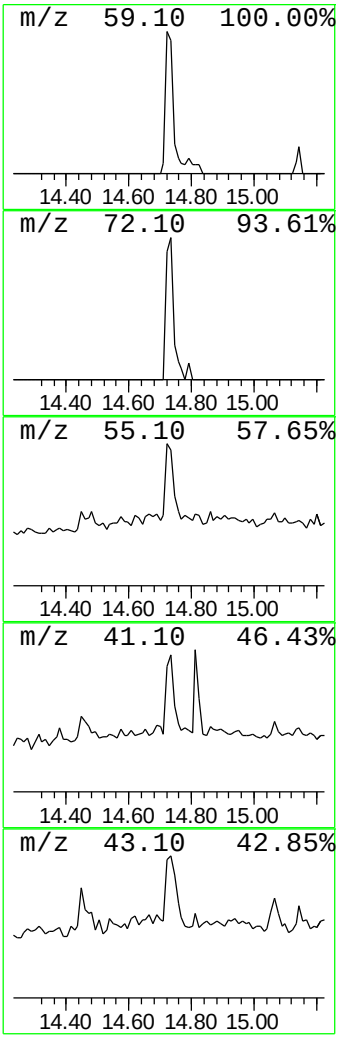
****

Peak Number 9 7-Nonenamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.31 ng	79125	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide	155	C9H17NO	090949-53-4	68
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	43
4	Hexadecanamide	255	C16H33NO	000629-54-9	38
5	Decanamide-	171	C10H21NO	002319-29-1	38





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.02	31.5	ng	1277390	1	6.84	810633	20.0
2-Pentanone, 4-me...	5.84	3.1	ng	124570	1	6.84	810633	20.0
unknown6.61	6.61	103.3	ng	4186570	1	6.84	810633	20.0
Pentadecane	10.30	2.6	ng	150642	3	9.86	1167240	20.0
Hexadecane	10.77	3.6	ng	204665	4	11.35	1127860	20.0
n-Hexadecanoic acid	11.88	3.0	ng	172003	4	11.35	1127860	20.0
Trichloroacetic a...	13.83	6.4	ng	247234	5	13.98	767668	20.0
7-Nonenamide	14.73	2.3	ng	79125	6	15.40	684644	20.0