LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085025.D
Acq On : 11 Feb 2016 18:39
Operator : SJ/IZ
Sample : H1377-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB03-2-3

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-BF020116.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	1.678	6	8	11	rVB	198198	275522	4.63%	0.550%
2	1.735	11	13	32	rVB	1465448	2439123	40.96%	4.870%
3	4.741	274	276	285	rVB	877126	1536148	25.80%	3.067%
4	5.199	313	316	319	rBV	4172636	4609286	77.41%	9.203%
5	6.273	406	410	412	rBV	4472356	5477106	91.98%	10.935%
6	6.376	417	419	422	rVB	3938704	4804085	80.68%	9.591%
7	6.605	437	439	441	rBV	1026001	944311	15.86%	1.885%
8	6.765	450	453	455	rBV	4186404	3754784	63.06%	7.497%
9	7.187	486	490	492	rBV	2995473	3766479	63.25%	7.520%
10	7.896	549	552	554	rVB	1554154	1342943	22.55%	2.681%
11	8.982	644	647	649	rBV	5750239	5954575	100.00%	11.888%
12	9.382	679	682	684	rBV	702827	745832	12.53%	1.489%
13	9.599	697	701	702	rBV	178477	173979	2.92%	0.347%
14	9.645	702	705	708	rVB	1642431	1457361	24.47%	2.910%
15	9.828	717	721	725	rBV3	33637	87123	1.46%	0.174%
16	10.091	742	744	746	rVB	175380	211168	3.55%	0.422%
17	10.308	760	763	767	rBV	75271	144619	2.43%	0.289%
18	10.433	772	774	777	rVB2	2983890	3535169	59.37%	7.058%
19	10.571	784	786	792	rVB	195007	304068	5.11%	0.607%
20	10.765	801	803	807	rBV3	26537	60936	1.02%	0.122%
21	11.016	823	825	826	rBV	70084	78005	1.31%	0.156%
22	11.119	832	834	837	rVB	1255899	1327573	22.30%	2.651%
23	12.719	971	974	976	rBV	4297426	5052282	84.85%	10.087%
24	13.622	1050	1053	1059	rBV2	146713	211176	3.55%	0.422%
25	13.748	1062	1064	1067	rBV	954703	964307	16.19%	1.925%
26	15.108	1180	1183	1186	rBV	703010	828991	13.92%	1.655%

Sum of corrected areas: 50086951

LSC Report - Integrated Chromatogram

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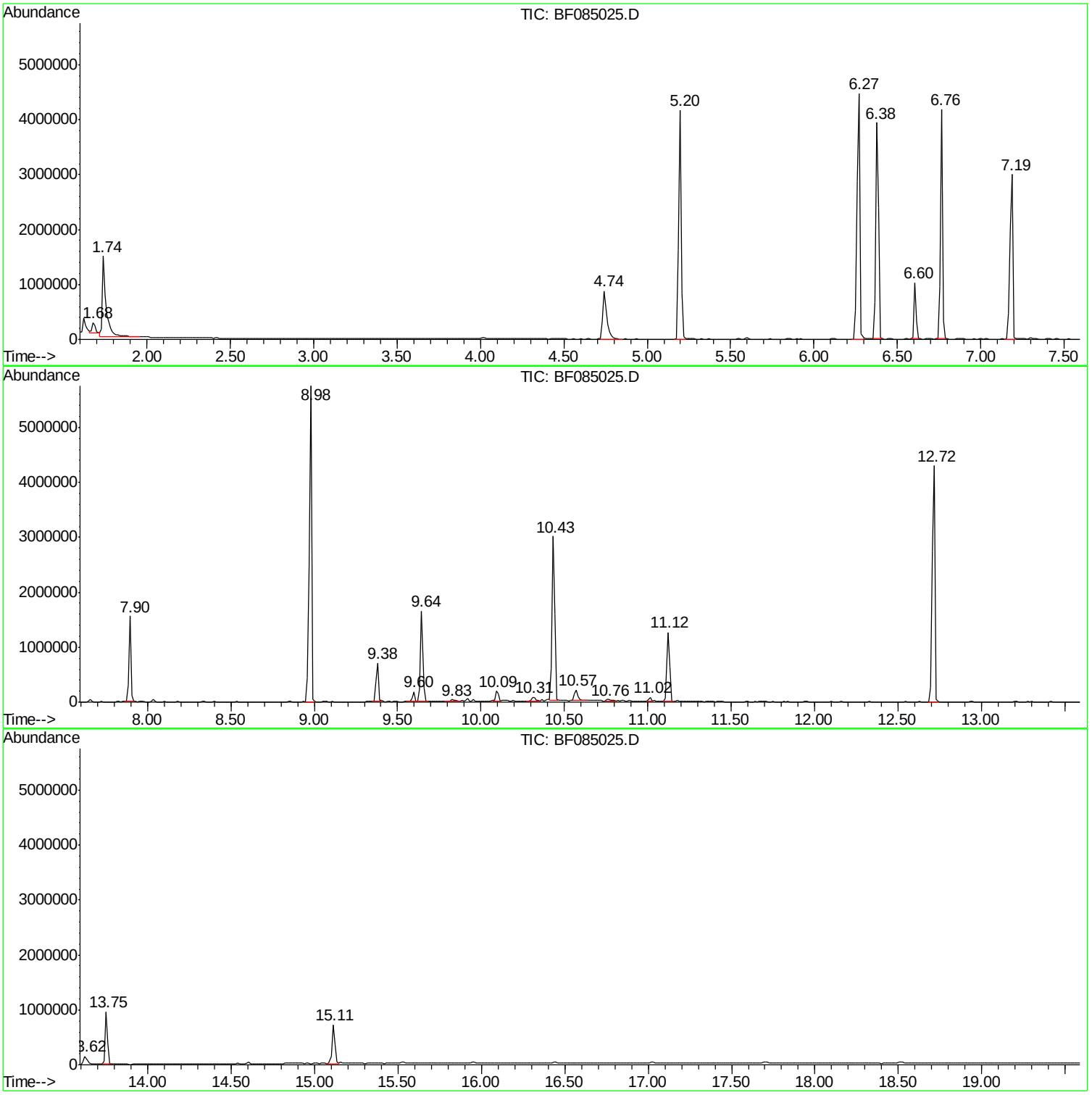
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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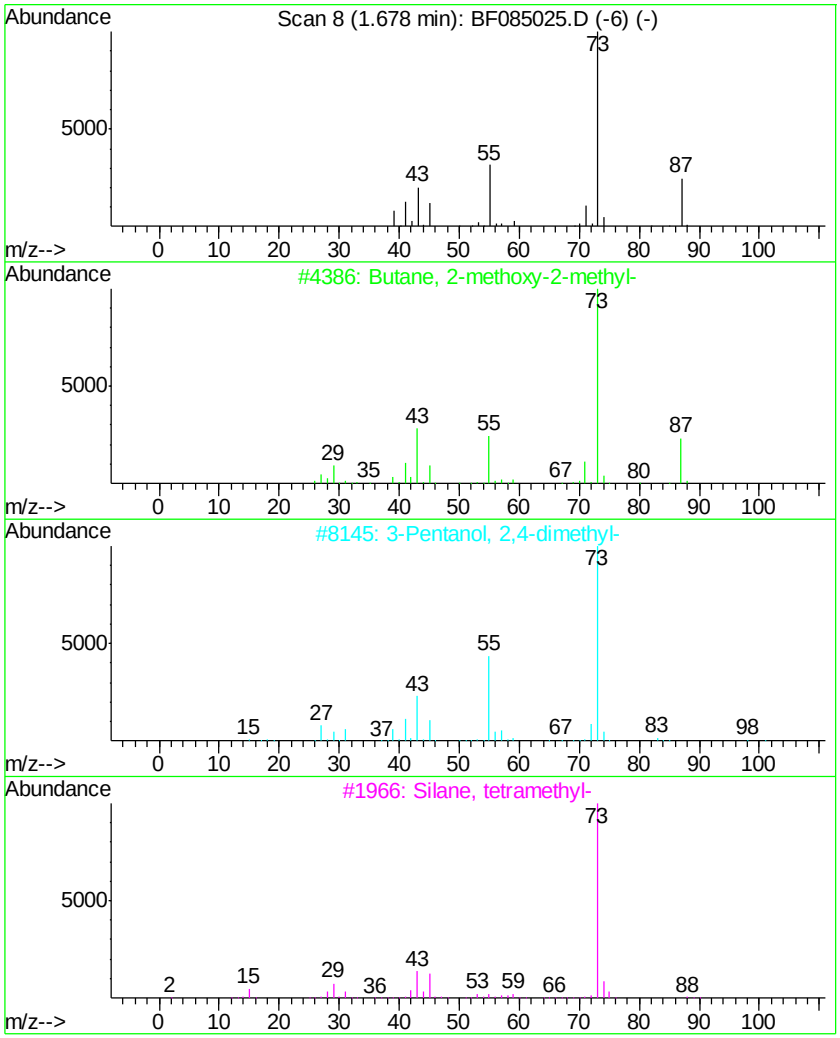
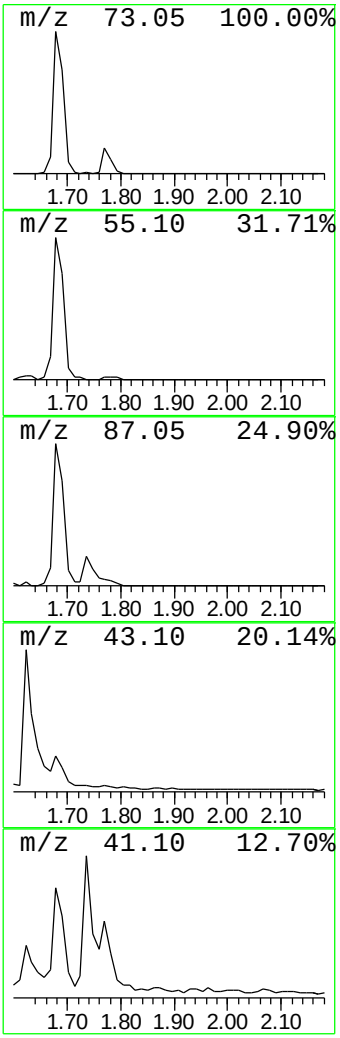
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	5.84 ng	275522	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB03-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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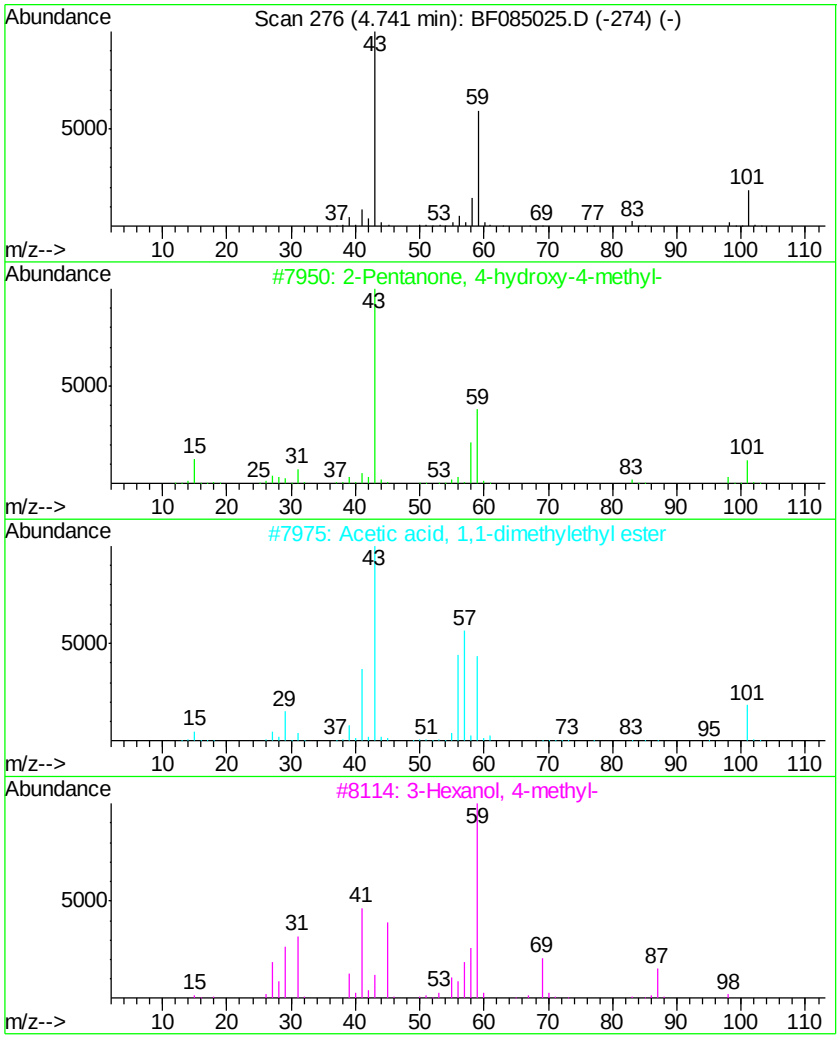
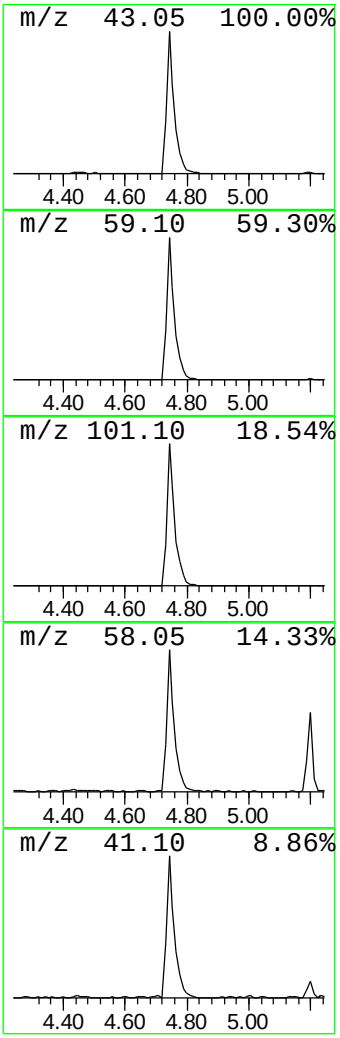
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	32.53 ng	1536150	1,4-Dichlorobenzene-d4	6.60

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	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : SJ/IZ
Sample : H1377-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB03-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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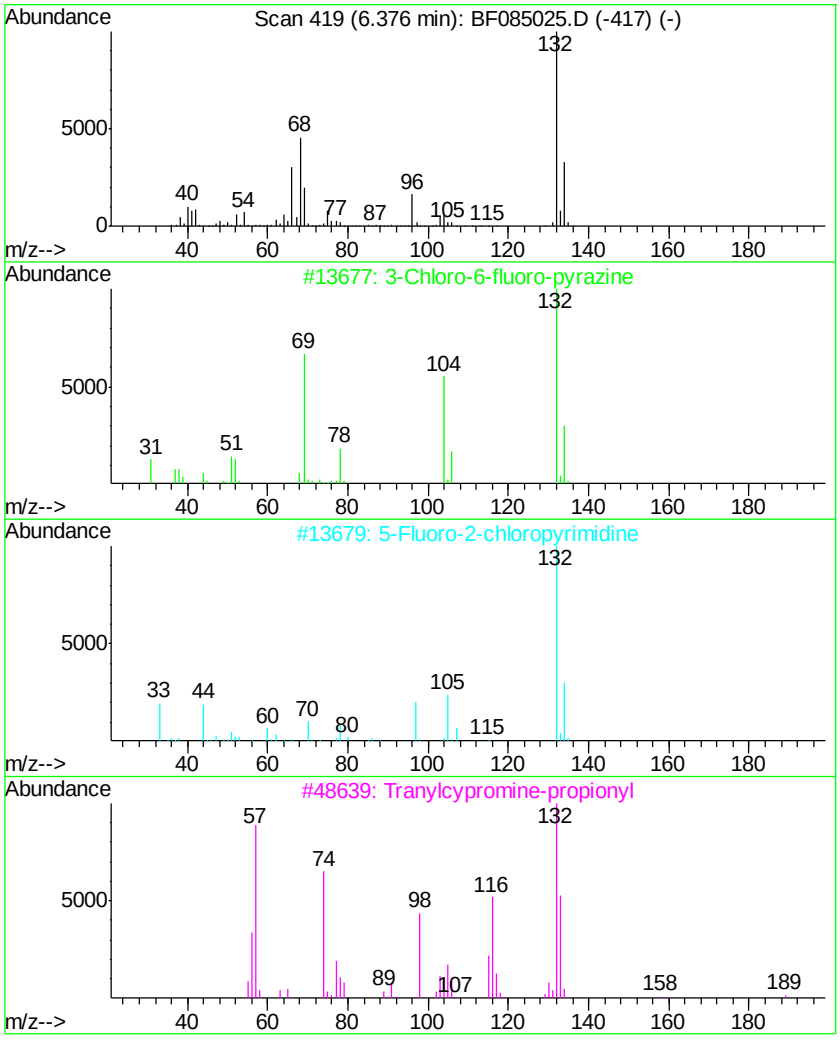
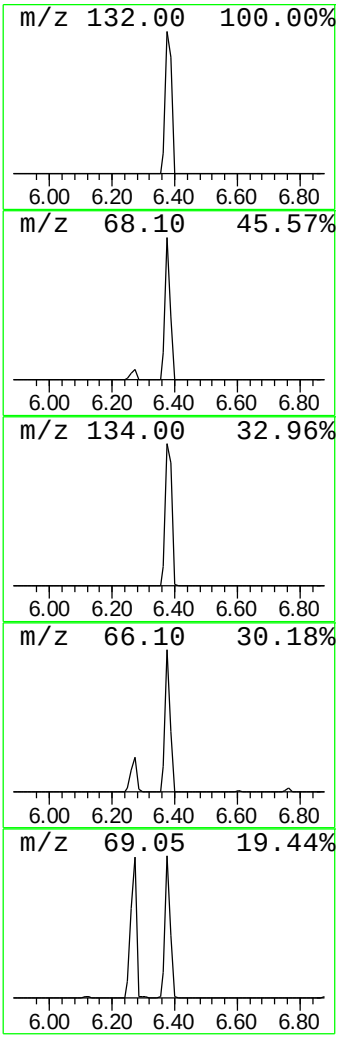
Peak Number 4 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	101.75 ng	4804090	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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BNA_F
ClientSampleId :
SB03-2-3

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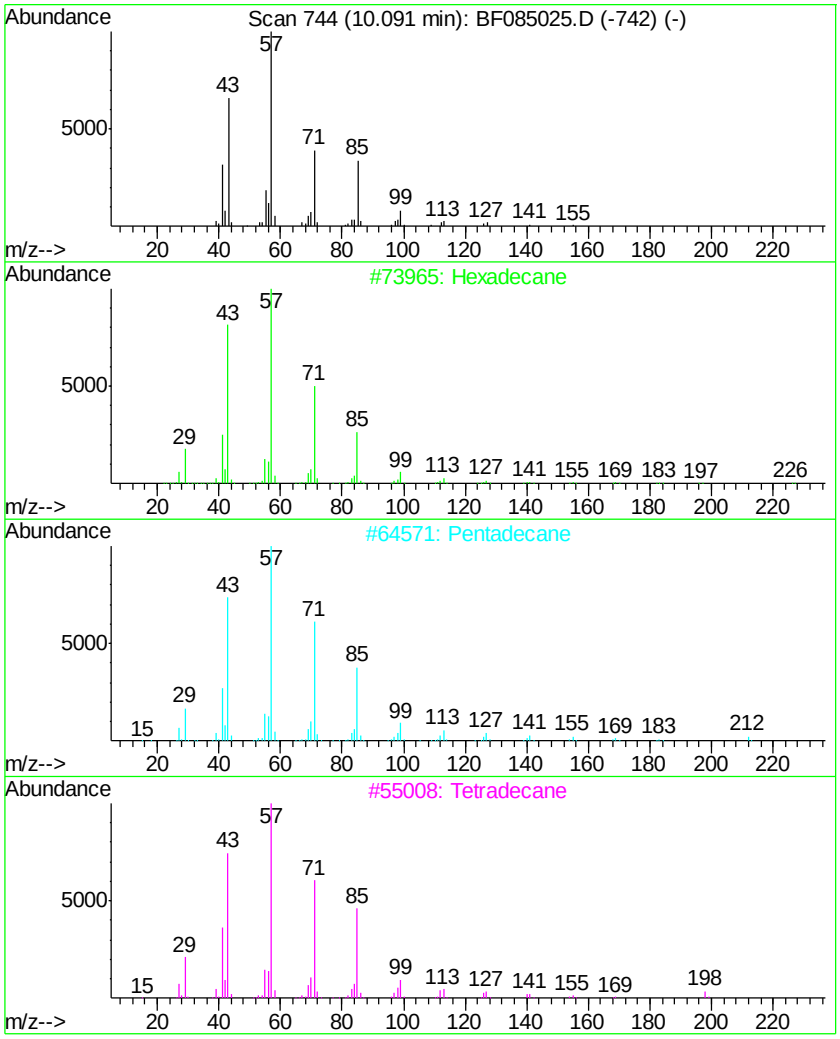
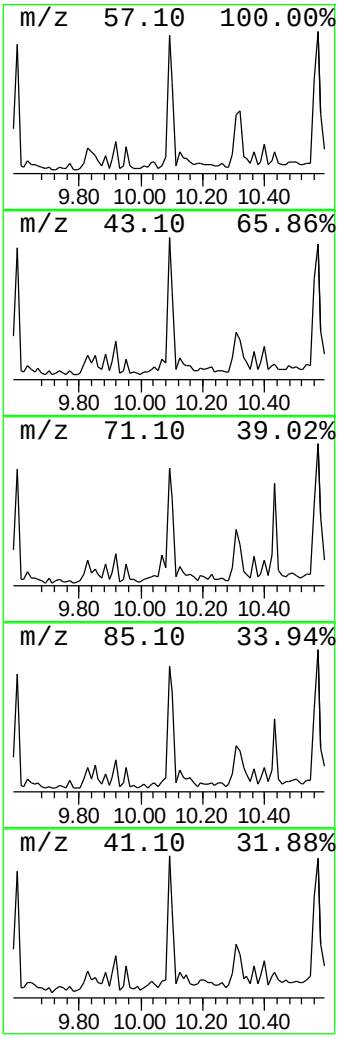
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.90 ng	211168	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Eicosane	282	C20H42	000112-95-8	64





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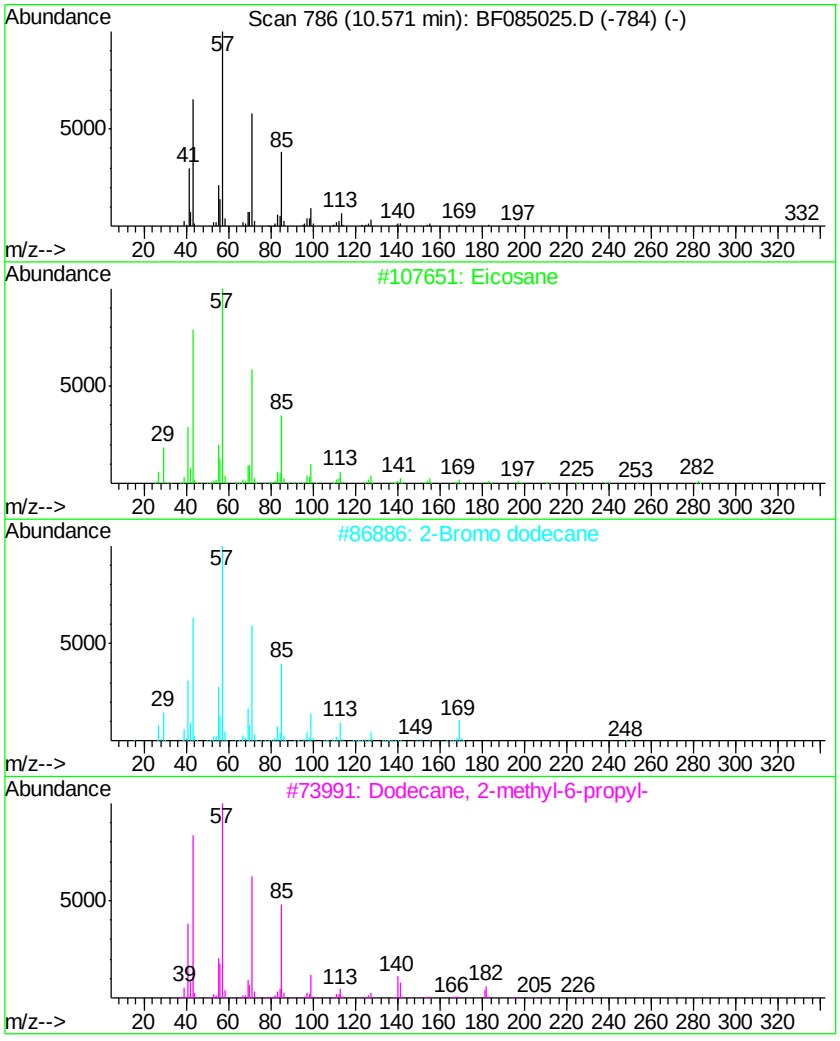
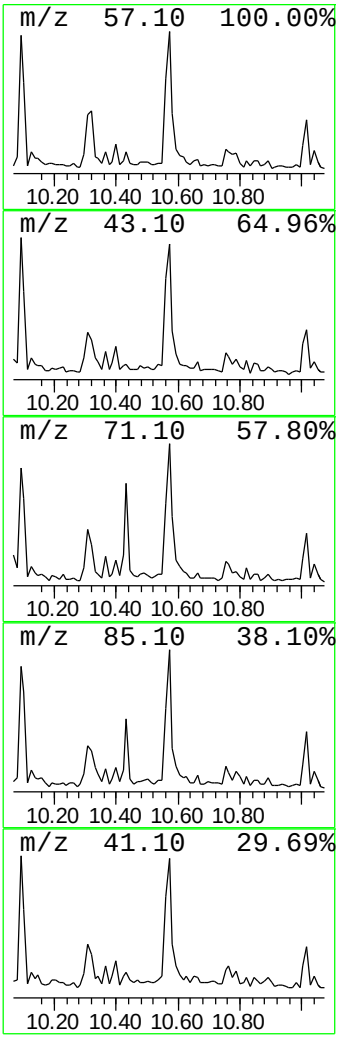
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	4.58 ng	304068	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





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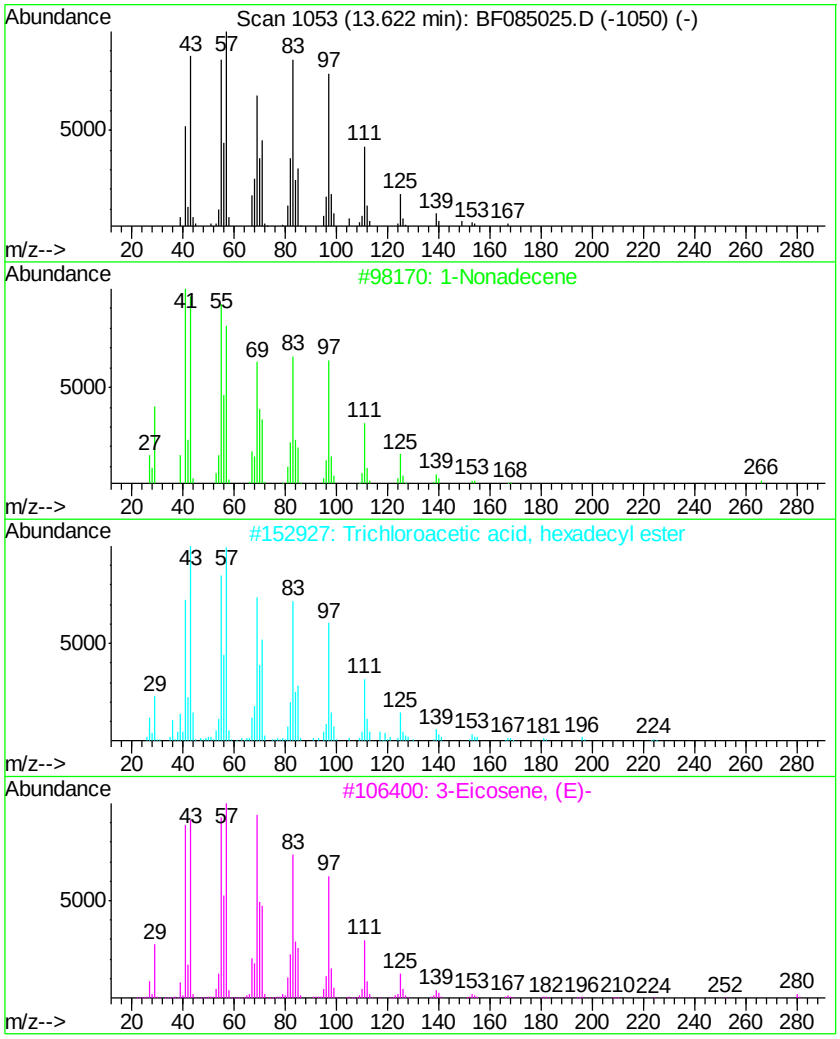
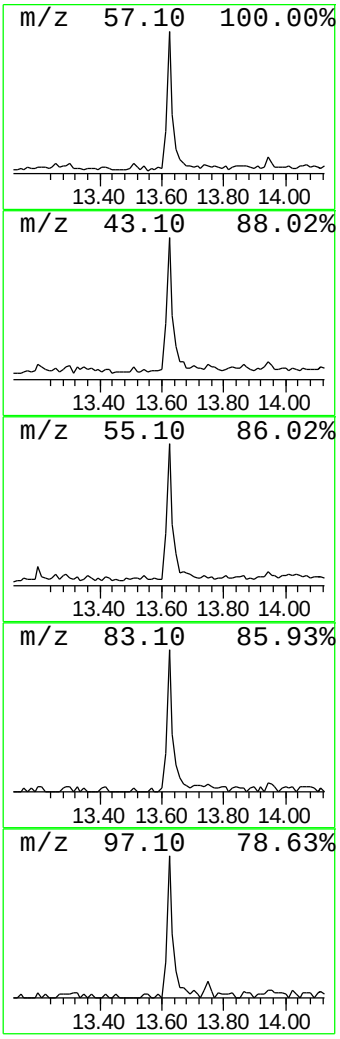
Peak Number 8 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.38 ng	211176	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Eicosanol	298	C20H42O	000629-96-9	90





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
Butane, 2-methoxy...	1.68	5.8	ng	275522	1	6.60	944311	20.0
2-Pentanone, 4-hy...	4.74	32.5	ng	1536150	1	6.60	944311	20.0
unknown6.38	6.38	101.8	ng	4804090	1	6.60	944311	20.0
Hexadecane	10.09	2.9	ng	211168	3	9.64	1457360	20.0
Eicosane	10.57	4.6	ng	304068	4	11.12	1327570	20.0
1-Nonadecene	13.62	4.4	ng	211176	5	13.75	964307	20.0