LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085811.D
Acq On : 28 Mar 2016 19:47
Operator : UM/SJ
Sample : H1905-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10B

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-BF032416.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	4.984	234	236	245	rBV	497224	777510	29.33%	3.313%
2	5.418	271	274	276	rBV	1876830	2230001	84.12%	9.503%
3	5.818	307	309	312	rBV	72210	66827	2.52%	0.285%
4	6.447	361	364	367	rBV	1746936	2071038	78.13%	8.825%
5	6.584	373	376	378	rBV	2467130	2421642	91.35%	10.320%
6	6.813	394	396	399	rBV	749212	642578	24.24%	2.738%
7	6.973	407	410	412	rBV	1981703	1949184	73.53%	8.306%
8	7.384	443	446	448	rBV	1392651	1581329	59.65%	6.739%
9	8.104	506	509	511	rBV	690753	805419	30.38%	3.432%
10	9.179	600	603	605	rBV	3004423	2650834	100.00%	11.296%
11	9.579	636	638	640	rBV	215117	269570	10.17%	1.149%
12	9.785	654	656	660	rBV	34853	47127	1.78%	0.201%
13	9.853	660	662	665	rVB	1050117	909338	34.30%	3.875%
14	10.287	699	700	702	rVB	73501	53183	2.01%	0.227%
15	10.505	716	719	722	rBV	20408	33791	1.27%	0.144%
16	10.642	728	731	734	rBV	1505541	1509898	56.96%	6.434%
17	10.756	740	741	748	rVB	66570	91448	3.45%	0.390%
18	11.202	779	780	786	rVB	34578	66560	2.51%	0.284%
19	11.339	790	792	794	rBV	1020541	880067	33.20%	3.750%
20	11.865	836	838	843	rBV2	59541	84784	3.20%	0.361%
21	12.745	913	915	917	rBV	46517	39007	1.47%	0.166%
22	12.928	928	931	933	rBV	1794654	2406015	90.76%	10.253%
23	13.156	947	951	953	rBV	37350	47056	1.78%	0.201%
24	13.408	970	973	978	rBV2	78422	238640	9.00%	1.017%
25	13.499	978	981	983	rVB2	55956	81768	3.08%	0.348%
26	13.819	1006	1009	1020	rBV	257626	382319	14.42%	1.629%
27	13.968	1020	1022	1025	rVV	501153	550234	20.76%	2.345%
28	14.139	1035	1037	1039	rBV	56132	51458	1.94%	0.219%
29	14.436	1061	1063	1070	rBV4	22963	54309	2.05%	0.231%
30	15.385	1144	1146	1149	rBV	368925	473709	17.87%	2.019%

Sum of corrected areas: 23466643

LSC Report - Integrated Chromatogram

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Data File : BF085811.D
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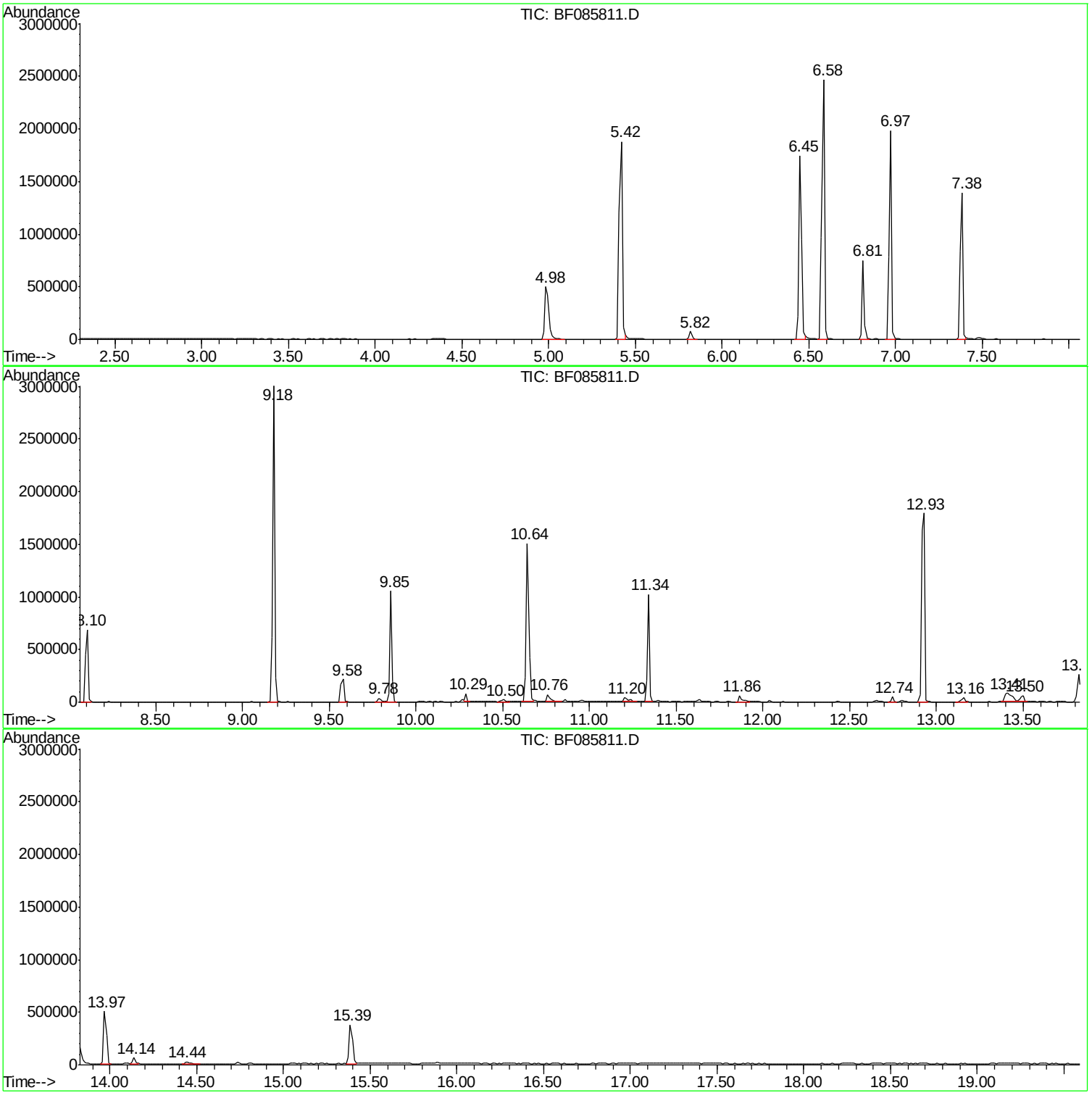
Operator : UM/SJ
Sample : H1905-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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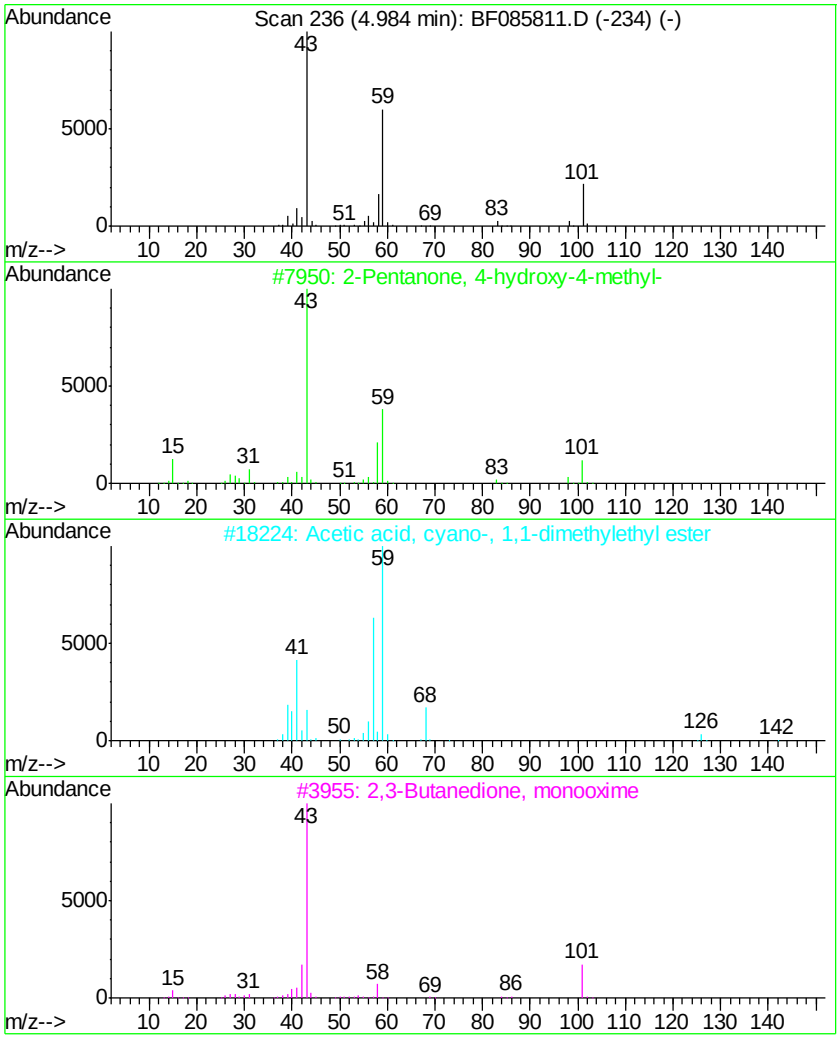
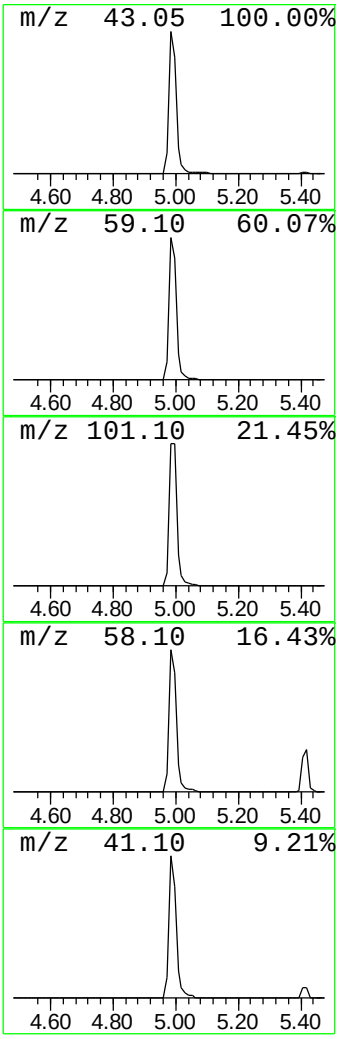
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	24.20 ng	777510	1,4-Dichlorobenzene-d4	6.81

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : UM/SJ
Sample : H1905-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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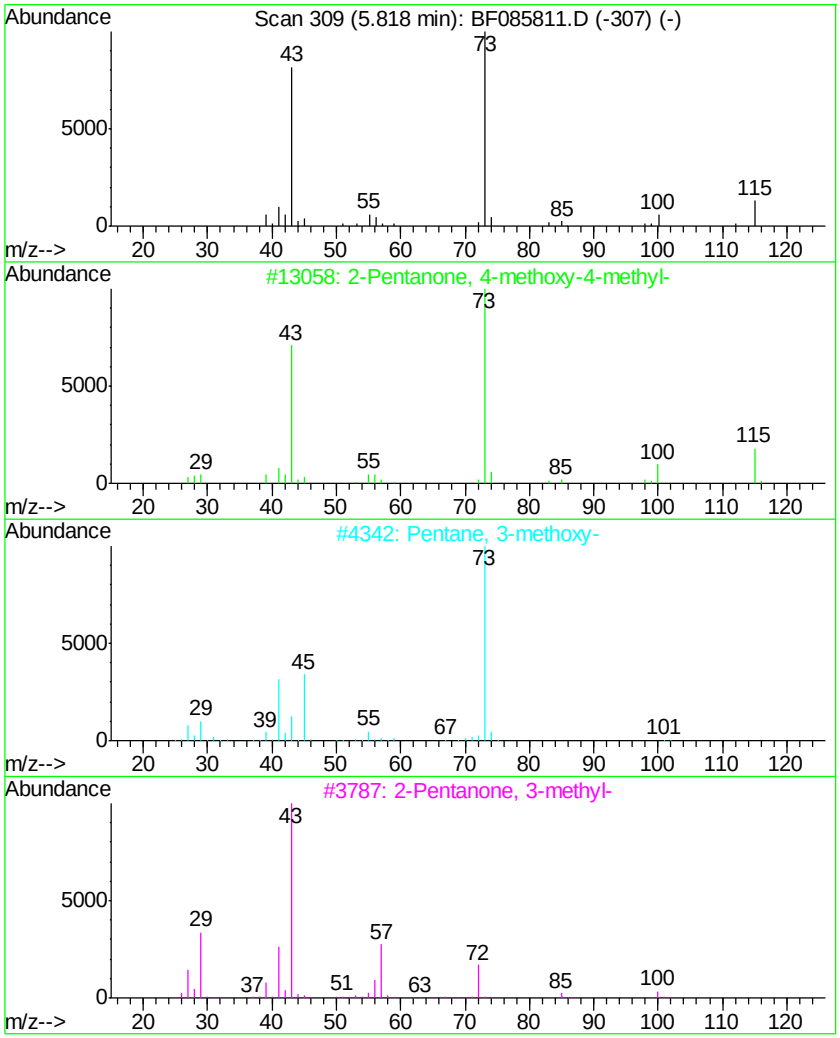
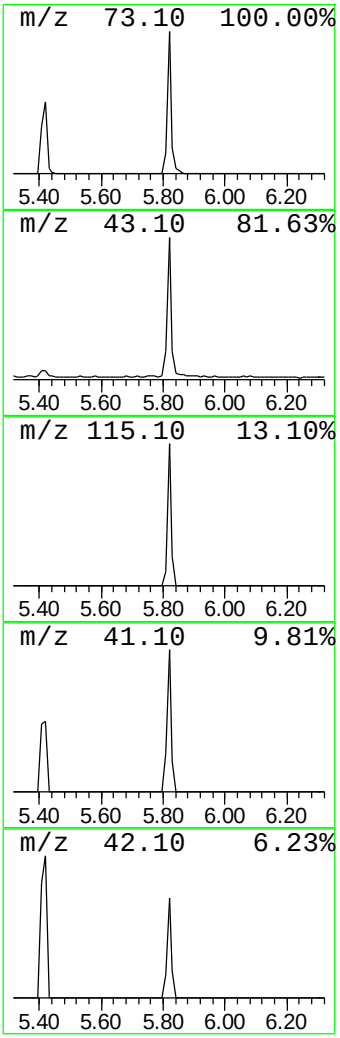
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.08 ng	66827	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





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Operator : UM/SJ
Sample : H1905-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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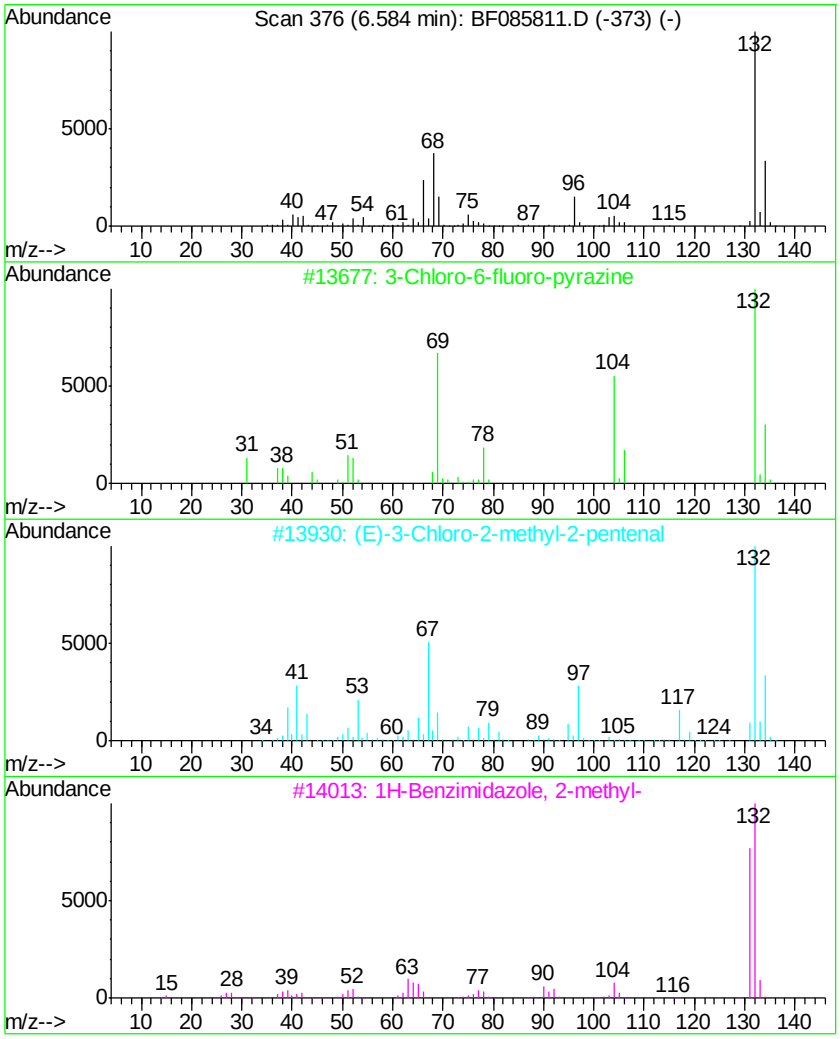
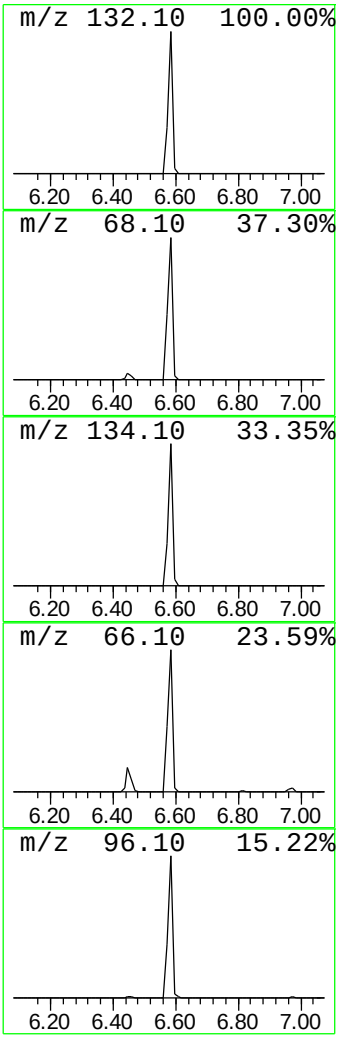
Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	75.37 ng	2421640	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H1905-02
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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
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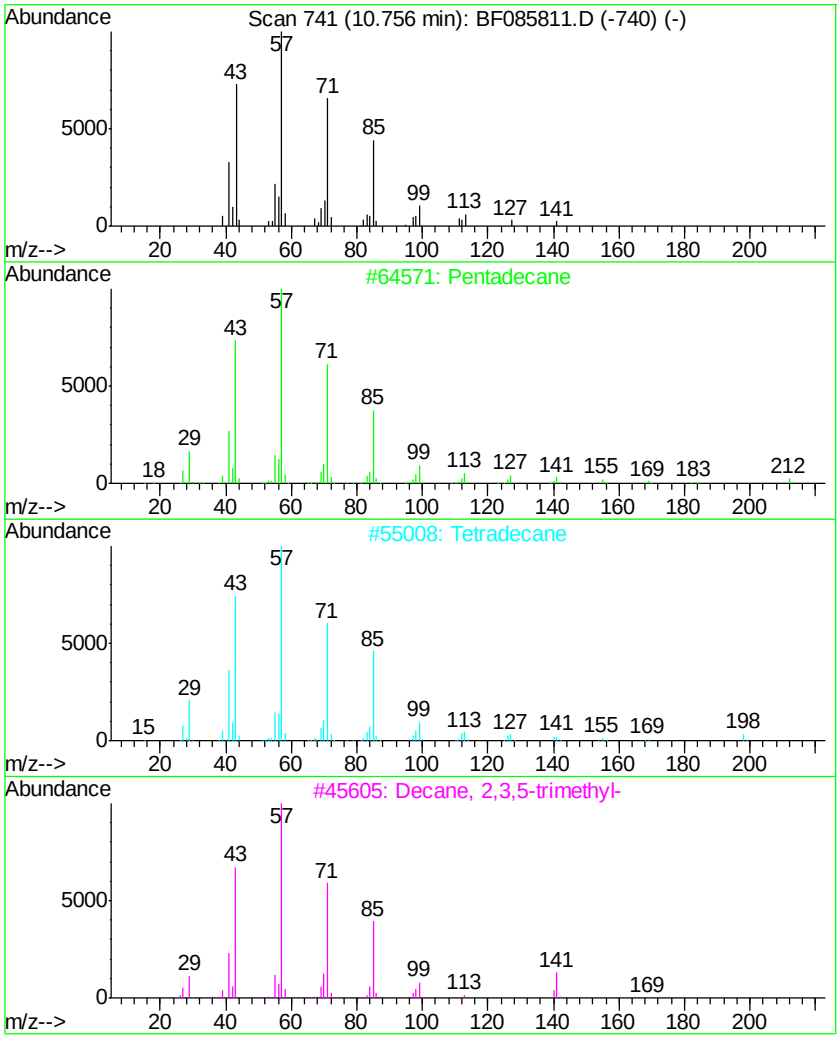
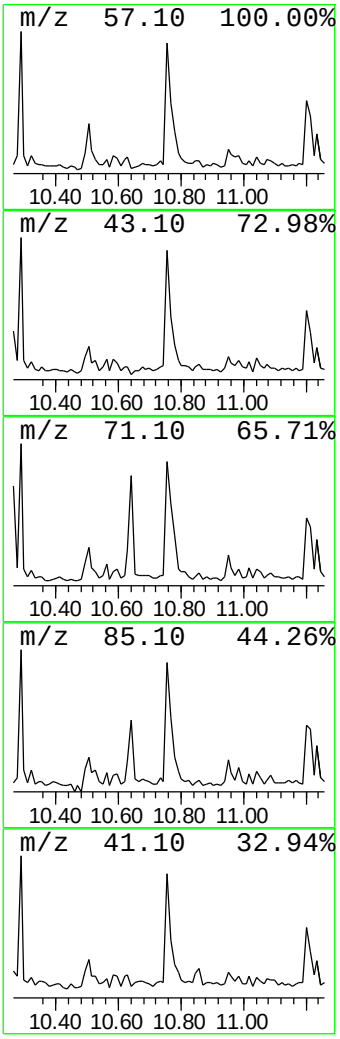
Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.08 ng	91448	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5	Eicosane	282	C20H42	000112-95-8	74





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Instrument : BNA_F
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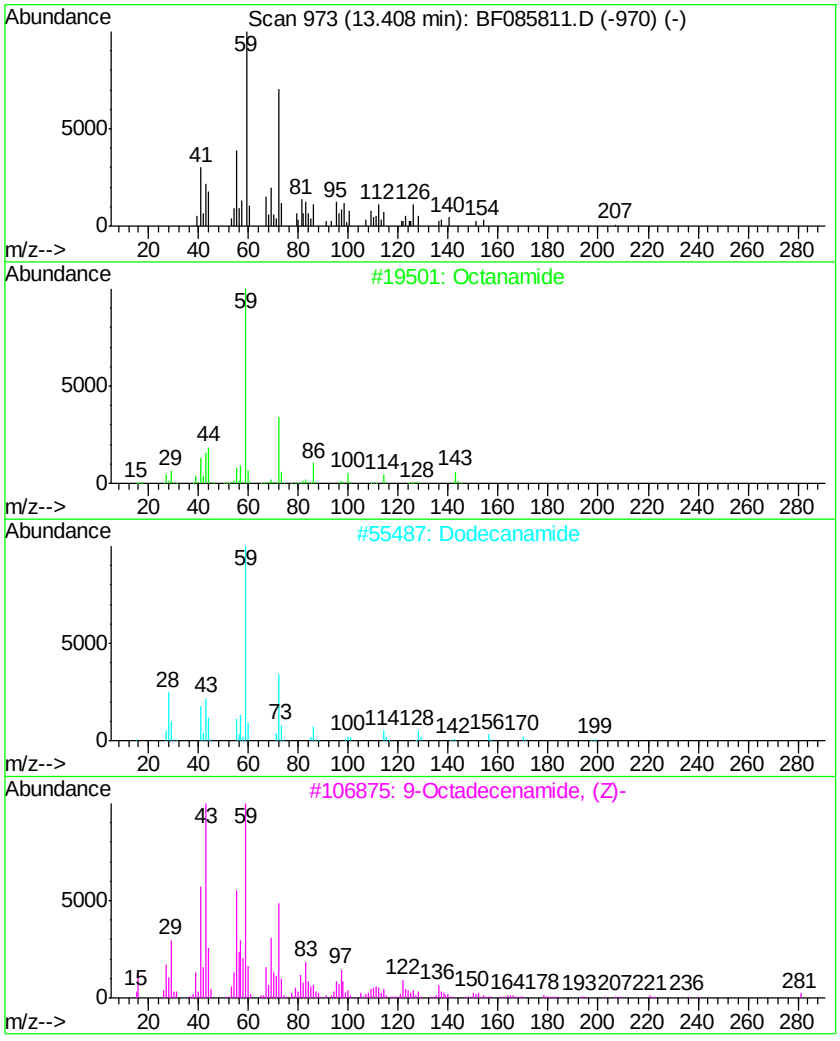
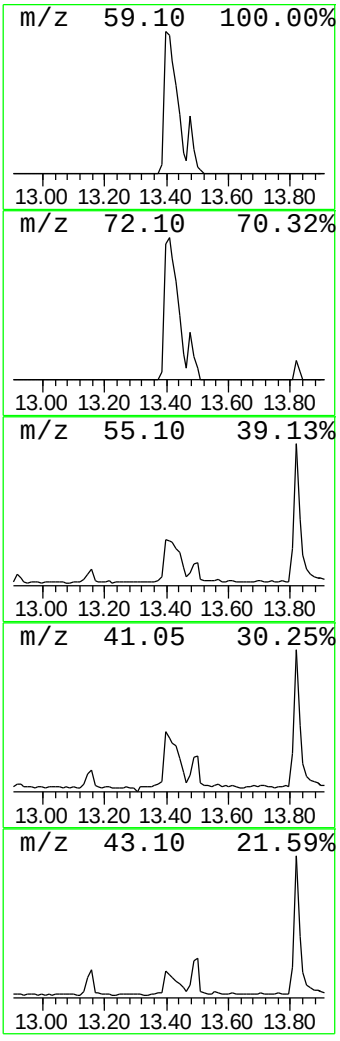
Peak Number 6 Octanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	8.67 ng	238640	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide	143	C8H17NO	000629-01-6	53
2	Dodecanamide	199	C12H25NO	001120-16-7	53
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
4	Silane, hexyl-	116	C6H16Si	001072-14-6	43
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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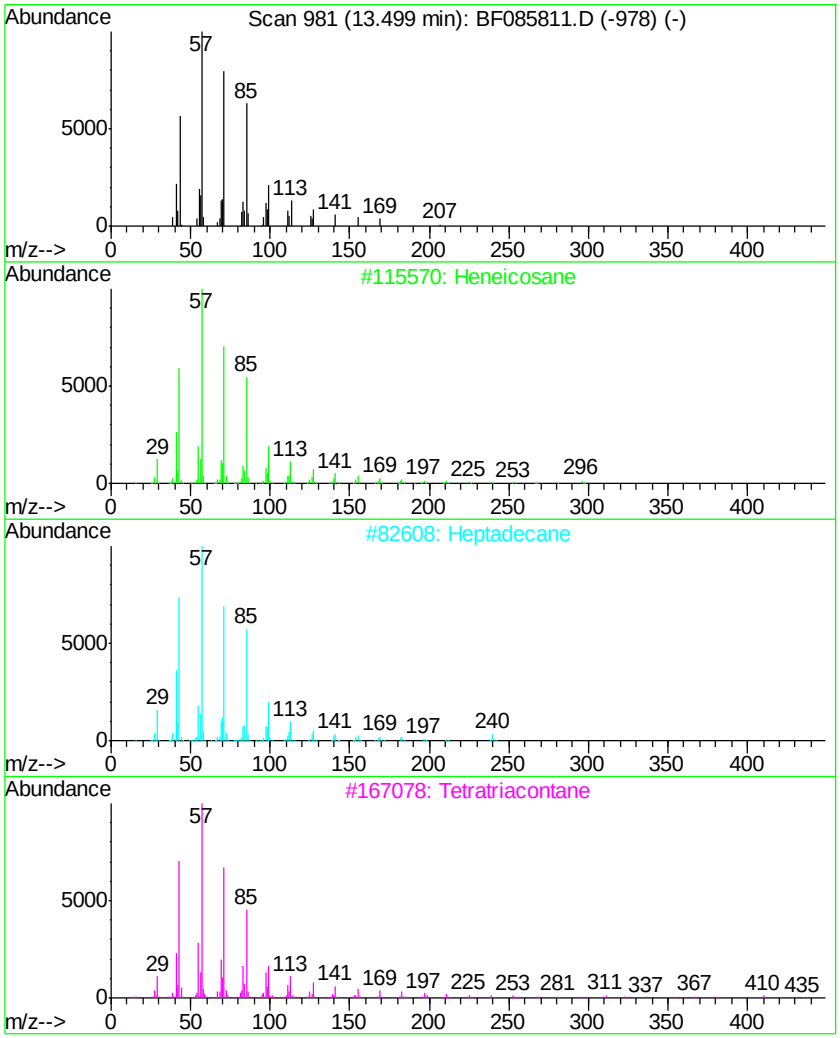
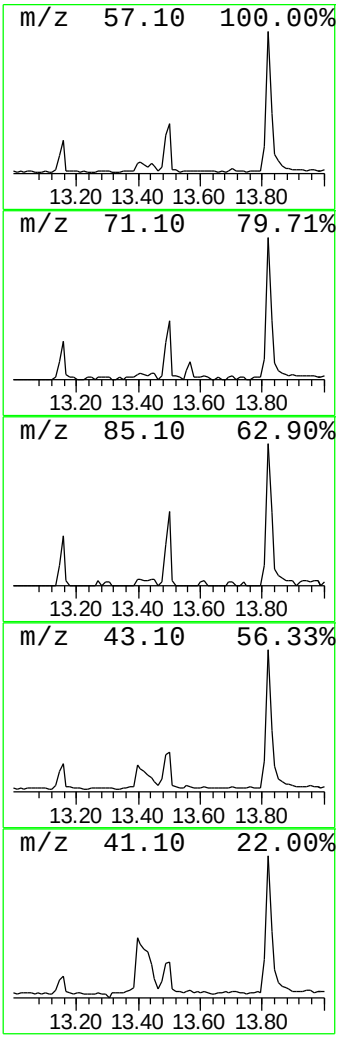
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.97 ng	81768	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





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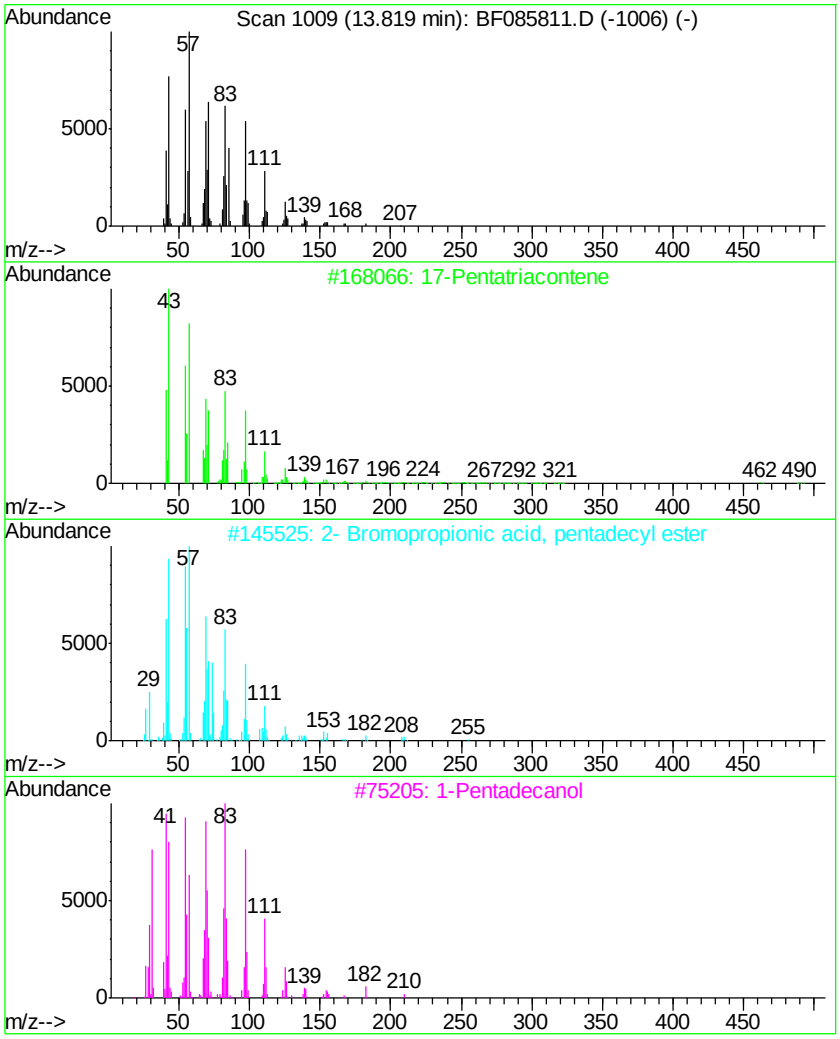
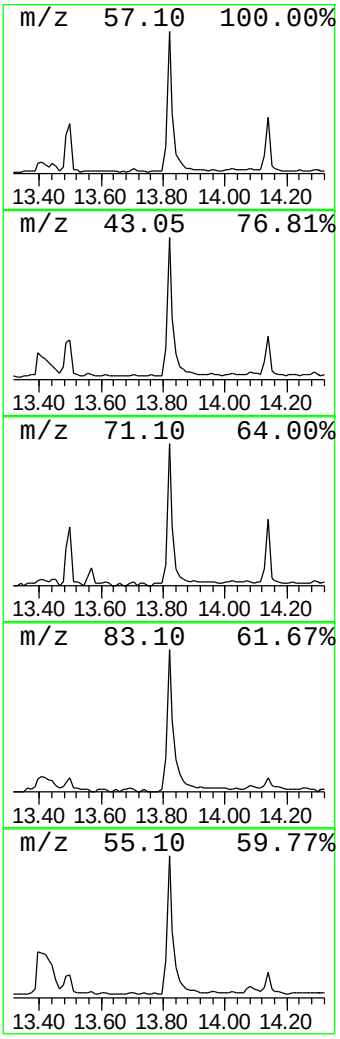
Peak Number 8 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	13.90 ng	382319	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	72
2	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	72
3	1-Pentadecanol	228	C15H32O	000629-76-5	70
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	68
5	1-Nonadecene	266	C19H38	018435-45-5	68





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...	4.98	24.2	ng	777510	1	6.81	642578	20.0
2-Pentanone, 4-me...	5.82	2.1	ng	66827	1	6.81	642578	20.0
unknown6.58	6.58	75.4	ng	2421640	1	6.81	642578	20.0
Pentadecane	10.76	2.1	ng	91448	4	11.34	880067	20.0
Octanamide	13.41	8.7	ng	238640	5	13.97	550234	20.0
Heneicosane	13.50	3.0	ng	81768	5	13.97	550234	20.0
17-Pentatriacontene	13.82	13.9	ng	382319	5	13.97	550234	20.0