LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082886.D
Acq On : 10 Nov 2015 23:11
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

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-BF110715.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	5.001	251	255	263	rVB	2434389	3932307	46.99%	5.199%
2	5.424	289	292	295	rBV	5404922	7122345	85.11%	9.416%
3	6.464	379	383	385	rVB	6047119	8368453	100.00%	11.063%
4	6.590	391	394	396	rBV	6880599	7863580	93.97%	10.396%
5	6.819	411	414	416	rBV	1160723	1474413	17.62%	1.949%
6	6.979	425	428	430	rBV	4186184	5742417	68.62%	7.592%
7	7.379	460	463	465	rBV	4042362	4606442	55.05%	6.090%
8	8.099	524	526	529	rBV	2028516	1901260	22.72%	2.514%
9	9.185	617	621	623	rBV	8349424	8204980	98.05%	10.847%
10	9.573	653	655	658	rBV	1509377	1249016	14.93%	1.651%
11	9.859	677	680	682	rBV	2558589	2407528	28.77%	3.183%
12	10.648	746	749	751	rBV	5299162	5479783	65.48%	7.244%
13	10.773	758	760	765	rVB	128552	152192	1.82%	0.201%
14	11.219	797	799	801	rBV	131362	120486	1.44%	0.159%
15	11.334	807	809	812	rBV	2150373	2223783	26.57%	2.940%
16	11.882	855	857	861	rBV	685584	690020	8.25%	0.912%
17	12.545	913	915	916	rBV	104331	85667	1.02%	0.113%
18	12.659	923	925	932	rVB2	55698	101080	1.21%	0.134%
19	12.774	932	935	937	rBV	77662	102872	1.23%	0.136%
20	12.934	946	949	951	rBV	7579472	7993998	95.53%	10.568%
21	13.837	1025	1028	1037	rBV	695147	1081242	12.92%	1.429%
22	13.974	1037	1040	1042	rBV	2159798	2087782	24.95%	2.760%
23	14.477	1081	1084	1090	rBV	49181	102533	1.23%	0.136%
24	14.831	1113	1115	1118	rVB	754235	778135	9.30%	1.029%
25	15.391	1161	1164	1167	rBV	1298023	1526927	18.25%	2.019%
26	15.905	1207	1209	1213	rBV	96431	241721	2.89%	0.320%

Sum of corrected areas: 75640962

LSC Report - Integrated Chromatogram

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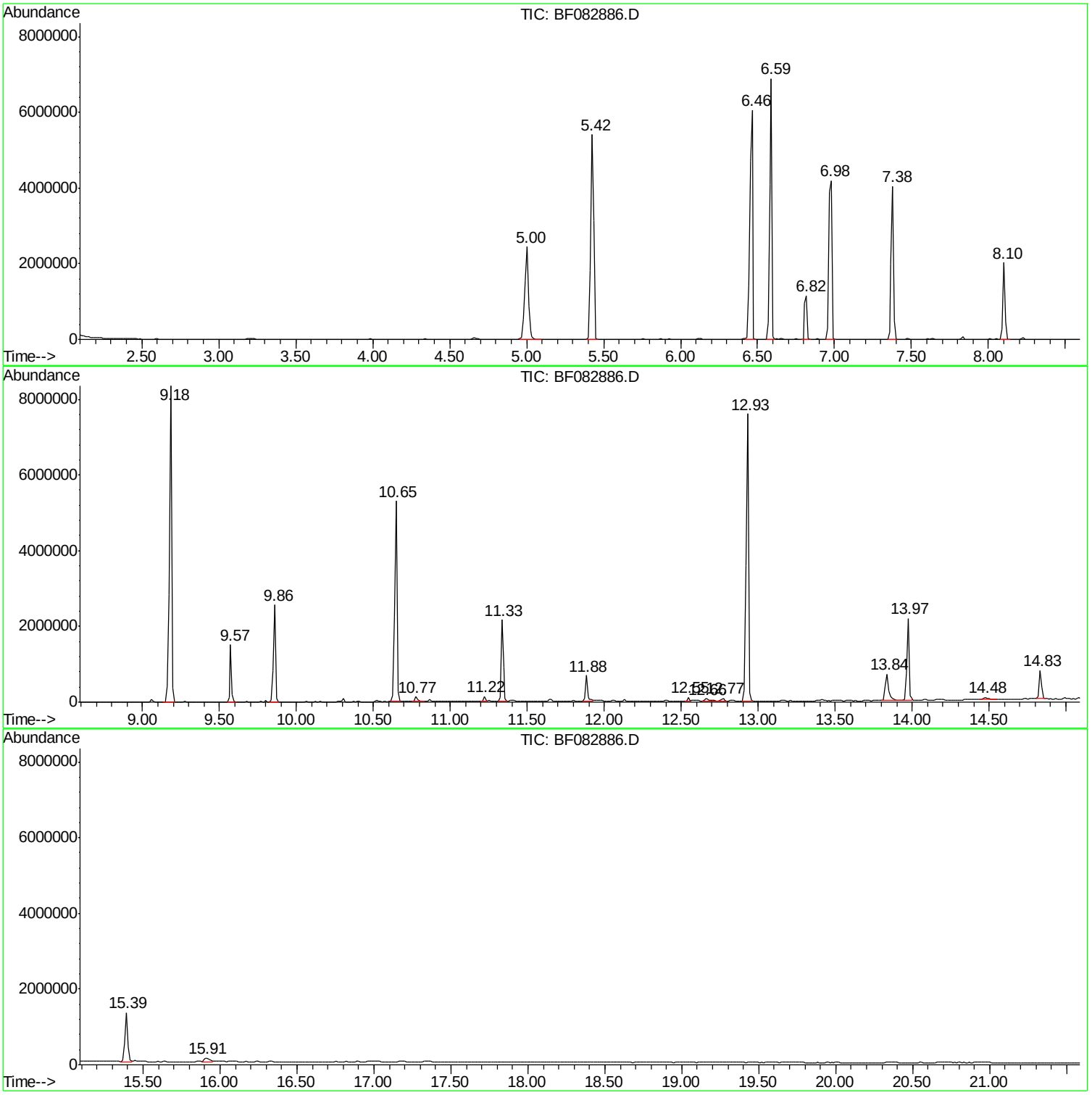
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF111015\
Data File : BF082886.D
Acq On : 10 Nov 2015 23:11
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

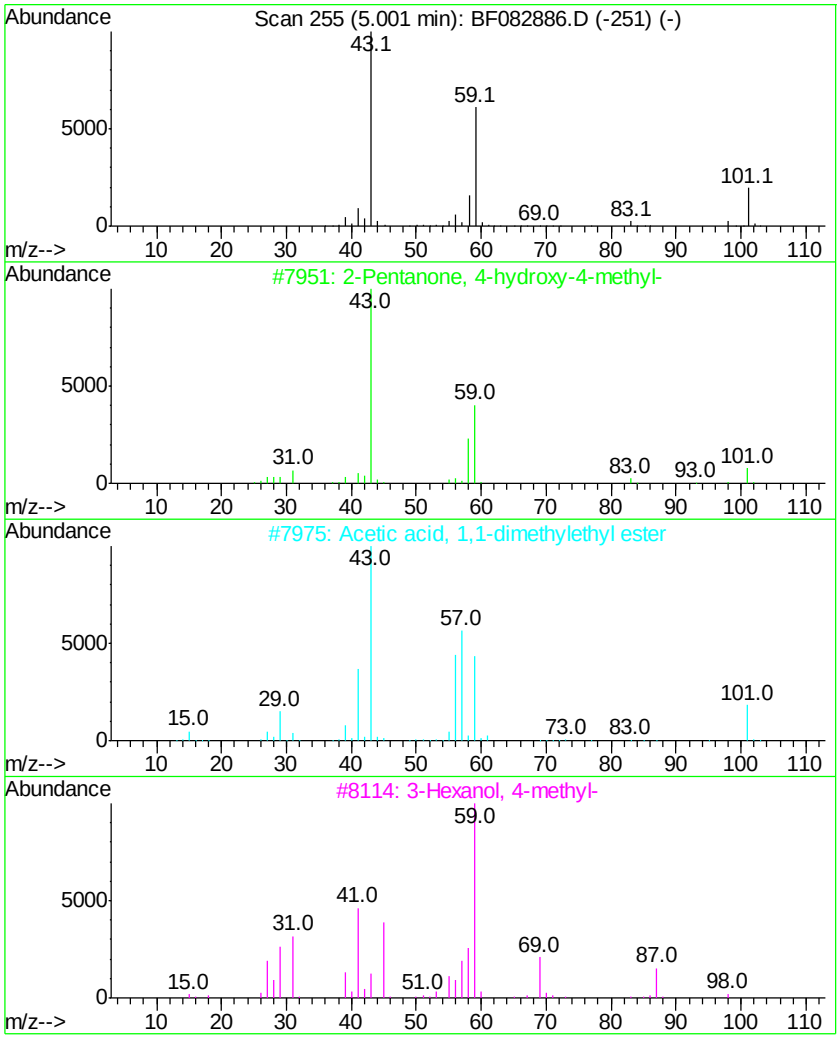
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

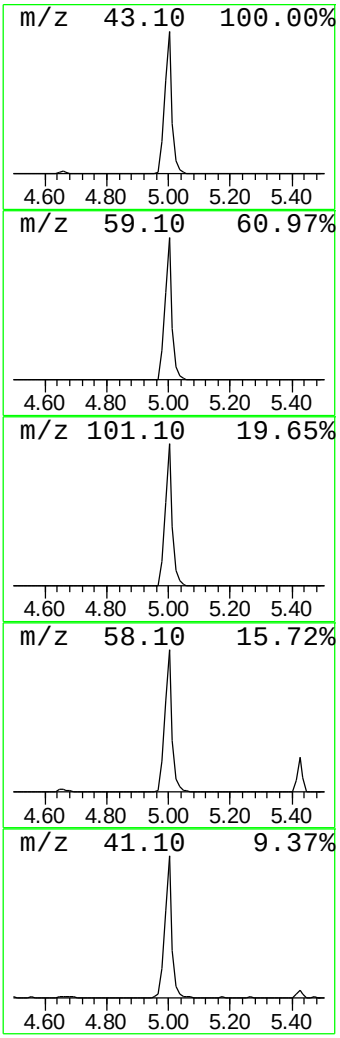
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	53.34 ng	3932310	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082886.D
Acq On : 10 Nov 2015 23:11
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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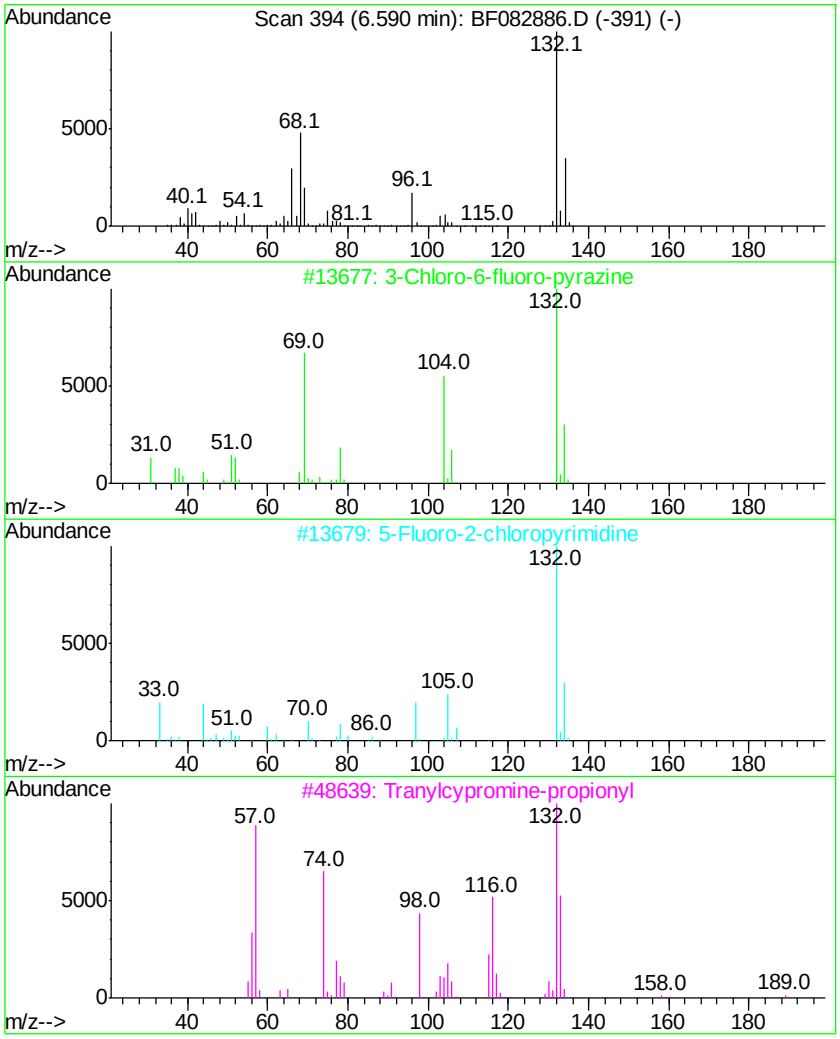
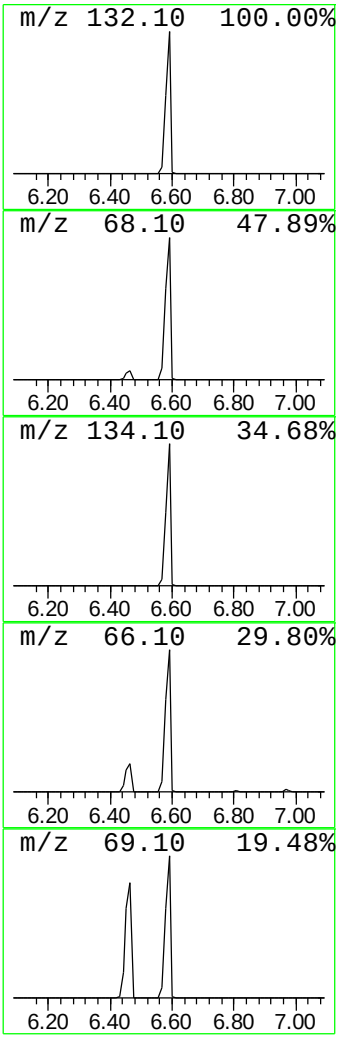
Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	106.67 ng	7863580	1,4-Dichlorobenzene-d4	6.82

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082886.D
Acq On : 10 Nov 2015 23:11
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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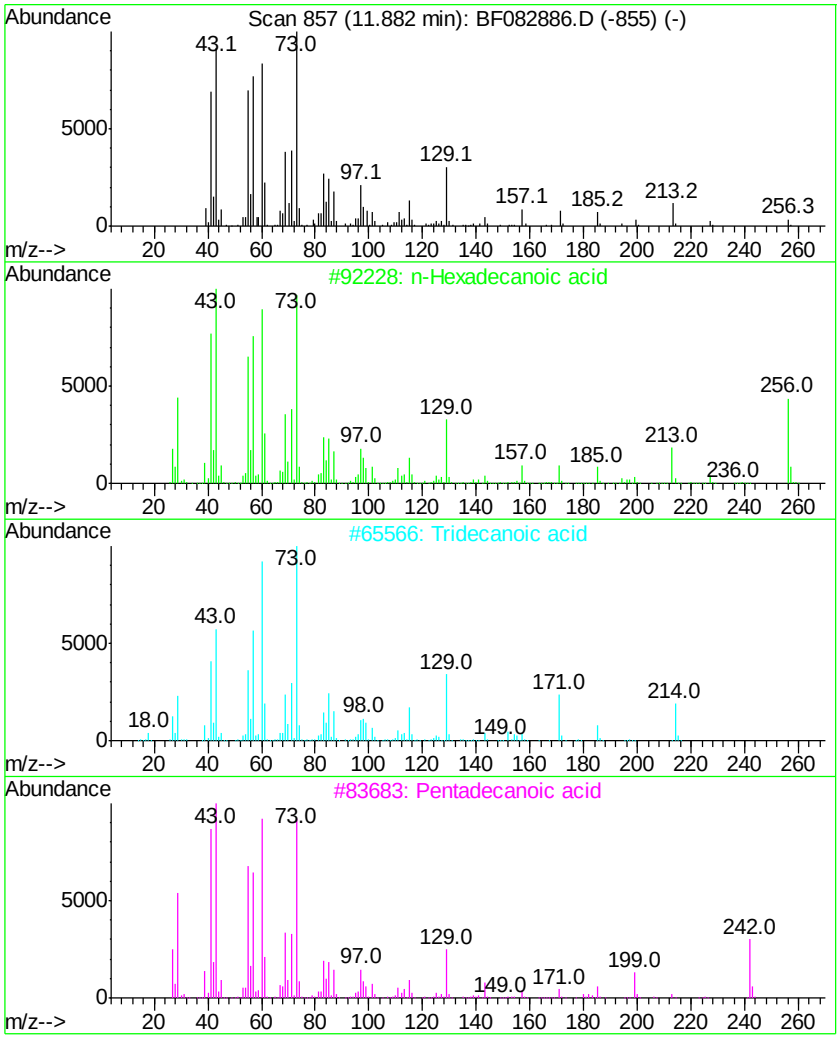
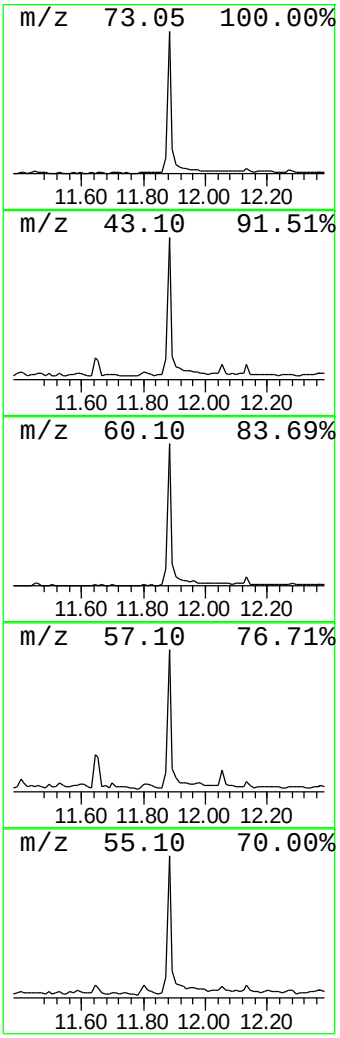
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.21 ng	690020	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	35
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082886.D
Acq On : 10 Nov 2015 23:11
Operator : UM/IZ
Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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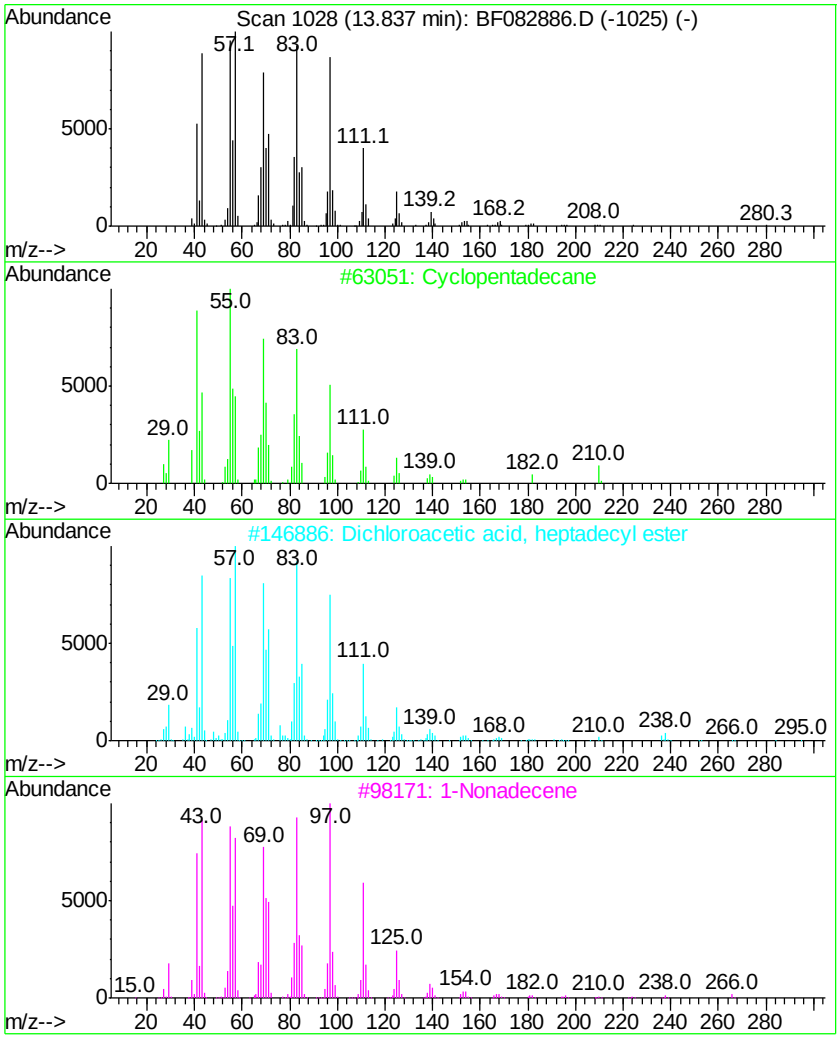
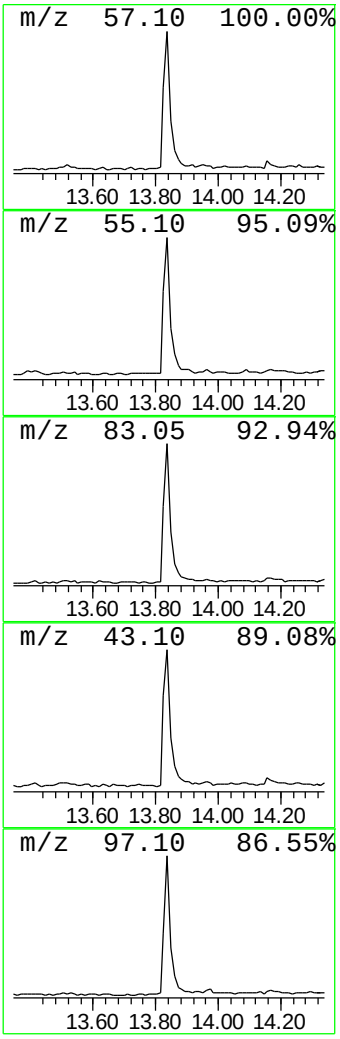
Peak Number 5 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.36 ng	1081240	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
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Sample : G4306-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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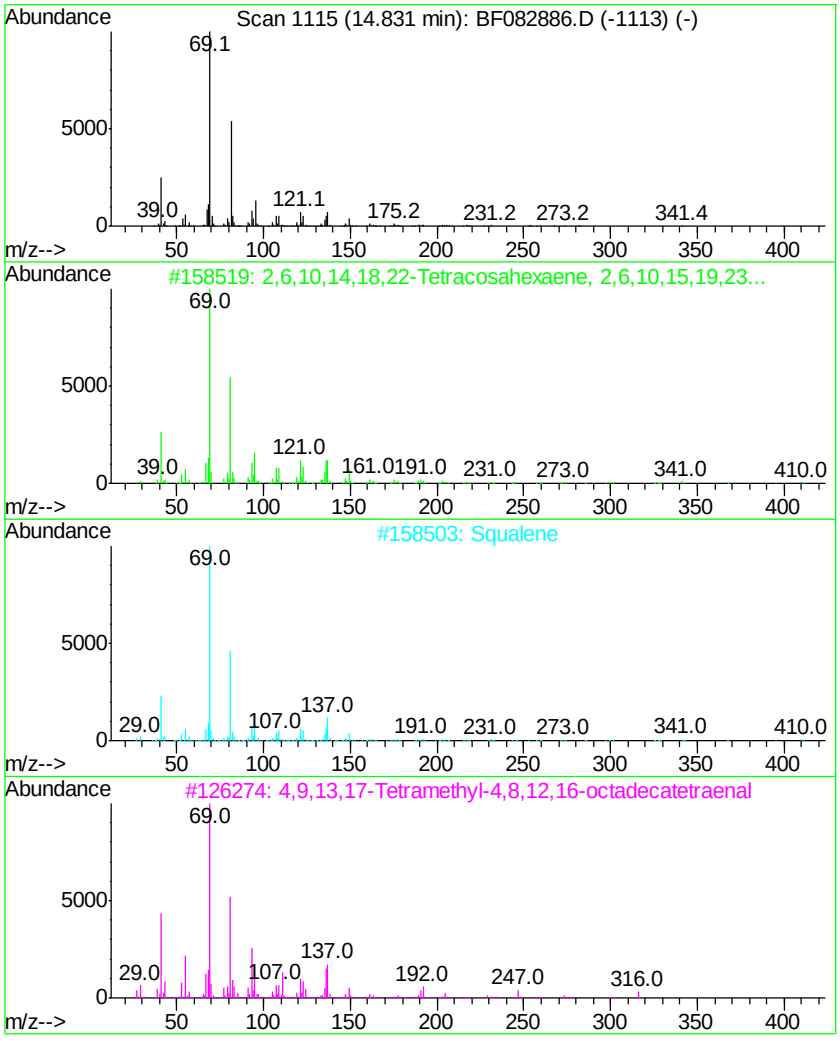
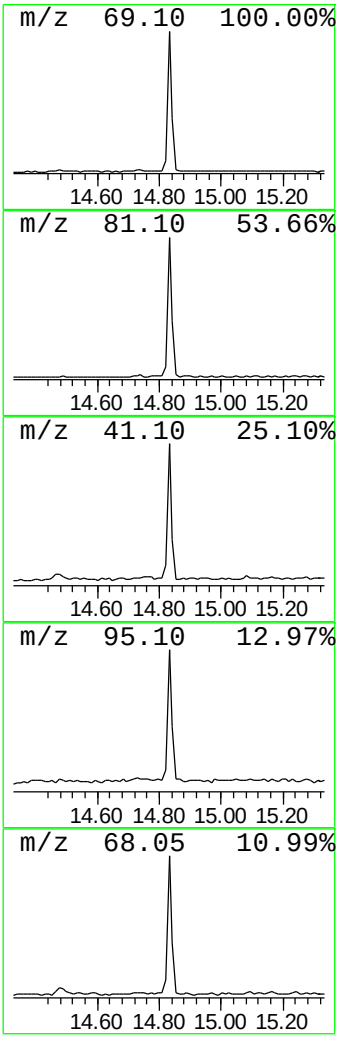
Peak Number 6 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	10.19 ng	778135	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
2	Squalene	410	C30H50	007683-64-9	86
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





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ClientSampleId : E2-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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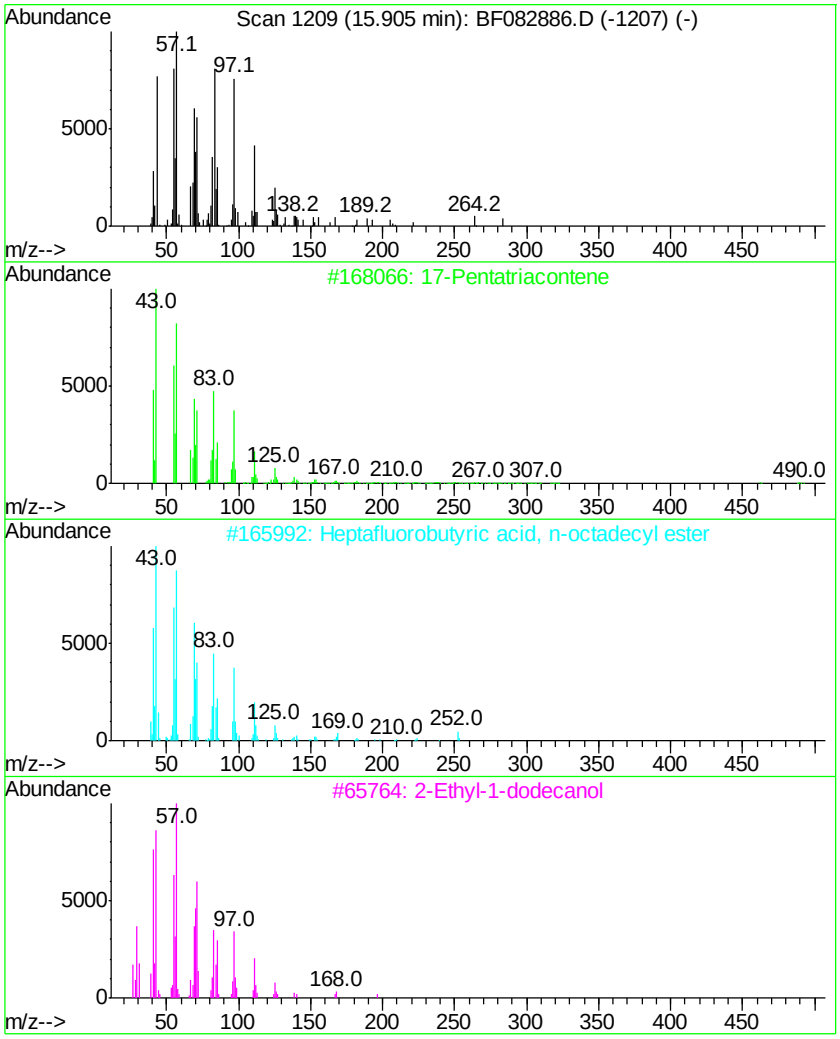
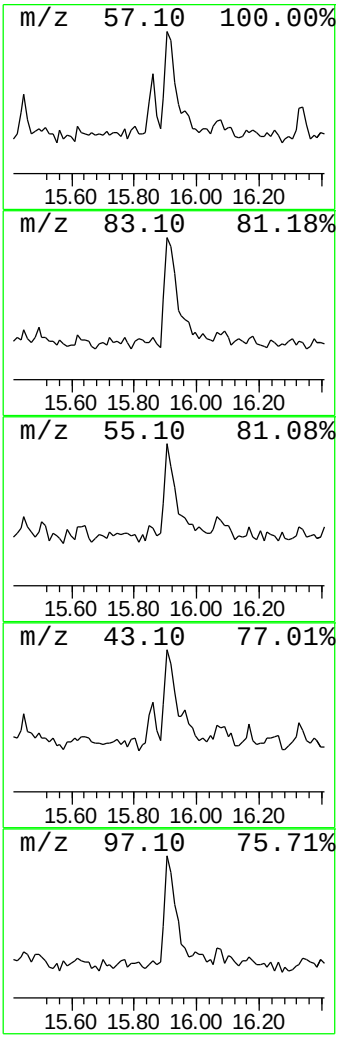
Peak Number 7 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.17 ng	241721	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	62
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	49
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	43
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	43
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : E2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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...	5.00	53.3	ng	3932310	1	6.82	1474410	20.0
unknown6.59	6.59	106.7	ng	7863580	1	6.82	1474410	20.0
n-Hexadecanoic acid	11.88	6.2	ng	690020	4	11.33	2223780	20.0
Cyclopentadecane	13.84	10.4	ng	1081240	5	13.97	2087780	20.0
2,6,10,14,18,22-T...	14.83	10.2	ng	778135	6	15.39	1526930	20.0
17-Pentatriacontene	15.91	3.2	ng	241721	6	15.39	1526930	20.0