LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080691.D
Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-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-BF072715.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	2.224	6	12	22	rBV	13288	63525	5.69%	0.855%
2	4.453	205	207	212	rVB	20595	25691	2.30%	0.346%
3	5.093	261	263	266	rBV	620151	617929	55.32%	8.319%
4	5.504	297	299	302	rBV	821402	1116986	100.00%	15.037%
5	5.927	334	336	339	rBV	47622	43923	3.93%	0.591%
6	6.533	387	389	392	rBV	1085351	992998	88.90%	13.368%
7	6.681	400	402	405	rBV	1085512	1039052	93.02%	13.988%
8	6.921	421	423	425	rBV	225032	181929	16.29%	2.449%
9	7.081	434	437	439	rVB	859889	736367	65.92%	9.913%
10	7.482	470	472	474	rBV	763068	611042	54.70%	8.226%
11	8.213	533	536	538	rBV	150271	178763	16.00%	2.407%
12	9.287	627	630	632	rBV	705943	668557	59.85%	9.000%
13	9.676	662	664	666	rBV	190013	144053	12.90%	1.939%
14	9.962	687	689	691	rVB	160203	132378	11.85%	1.782%
15	10.750	755	758	760	rBV	258413	270731	24.24%	3.645%
16	11.448	817	819	820	rBV	112060	90024	8.06%	1.212%
17	11.470	820	821	823	rVB	21637	17242	1.54%	0.232%
18	11.676	838	839	844	rVB2	14641	21438	1.92%	0.289%
19	12.236	887	888	890	rBV	25518	22311	2.00%	0.300%
20	12.591	916	919	921	rVB	11120	16588	1.49%	0.223%
21	12.671	925	926	929	rBV3	18683	18275	1.64%	0.246%
22	12.911	944	947	949	rBV	18294	17804	1.59%	0.240%
23	13.059	958	960	963	rBV	217563	278889	24.97%	3.754%
24	14.225	1059	1062	1063	rBV2	44440	57622	5.16%	0.776%
25	15.871	1203	1206	1208	rVB	17383	25817	2.31%	0.348%
26	21.483	1692	1697	1701	rBV	11623	38290	3.43%	0.515%

Sum of corrected areas: 7428224

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080691.D
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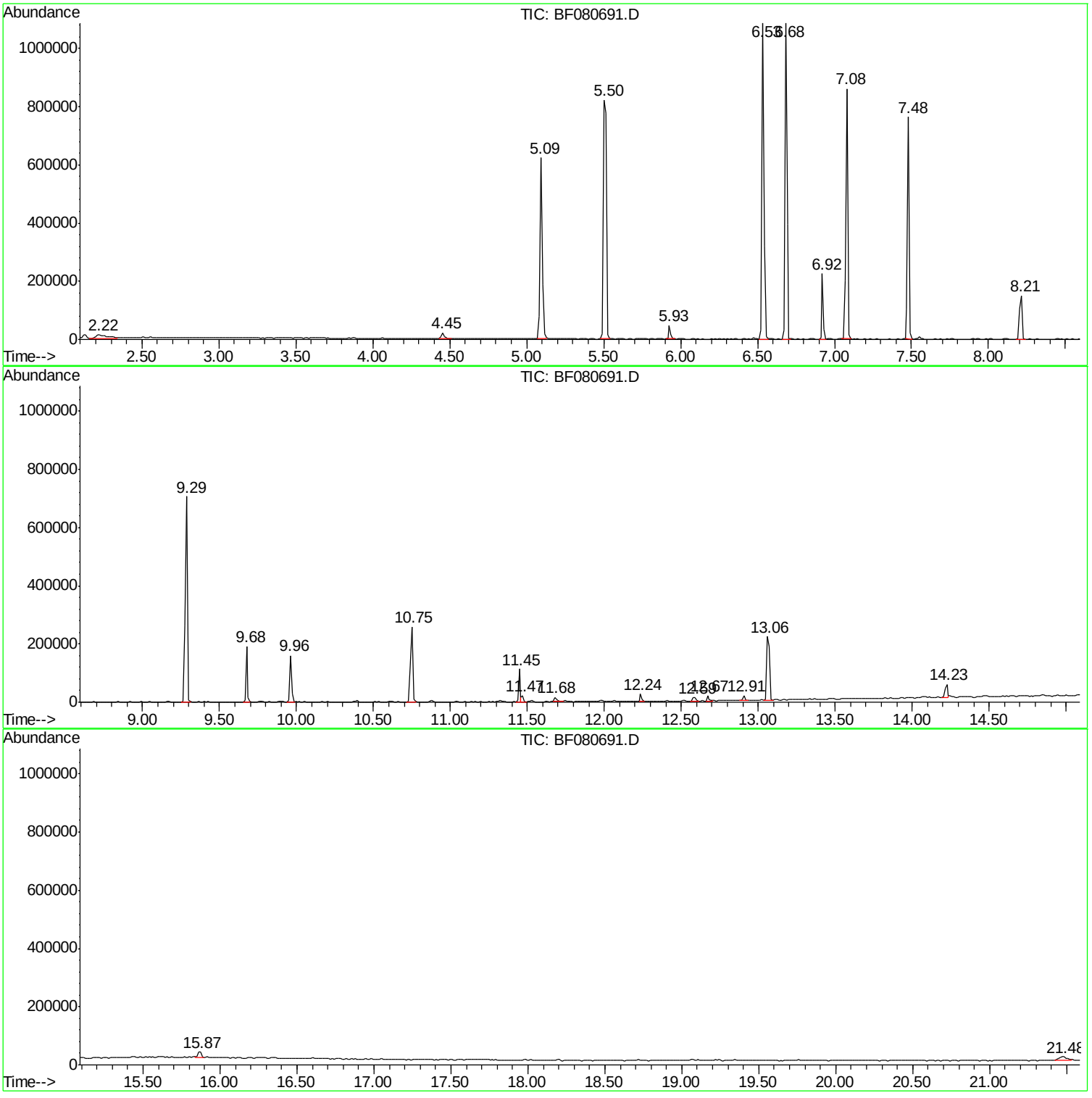
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.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\BF072715\
Data File : BF080691.D
Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

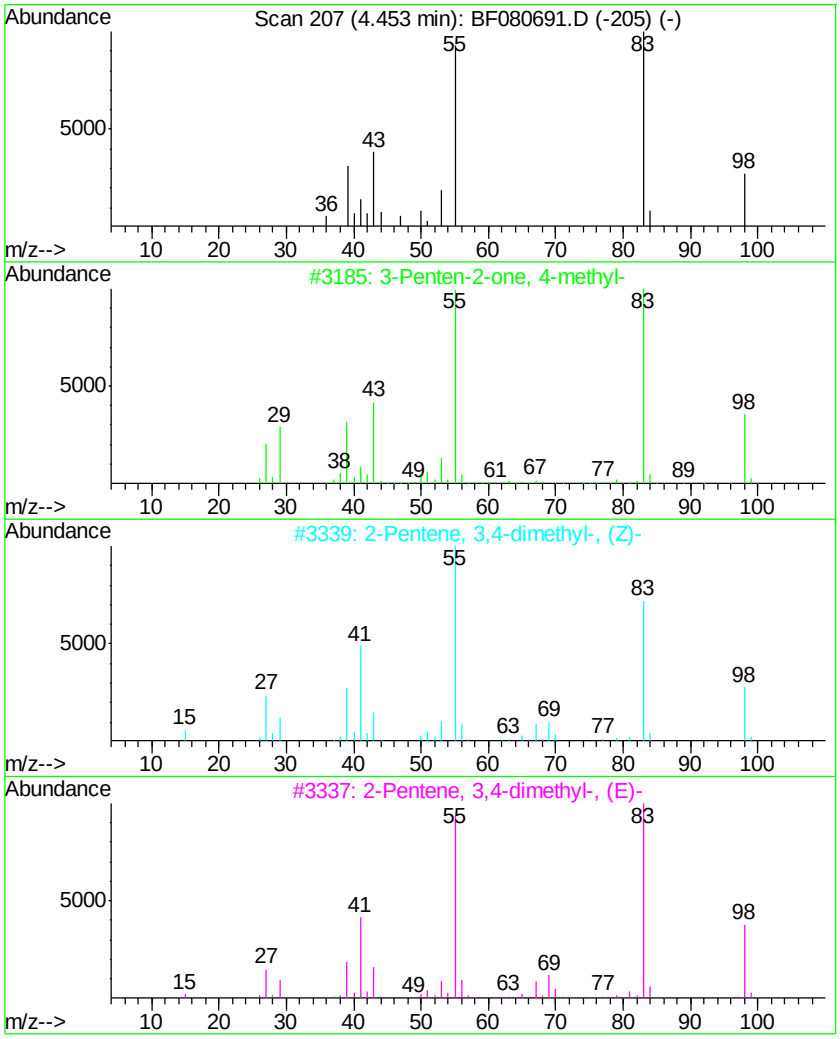
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

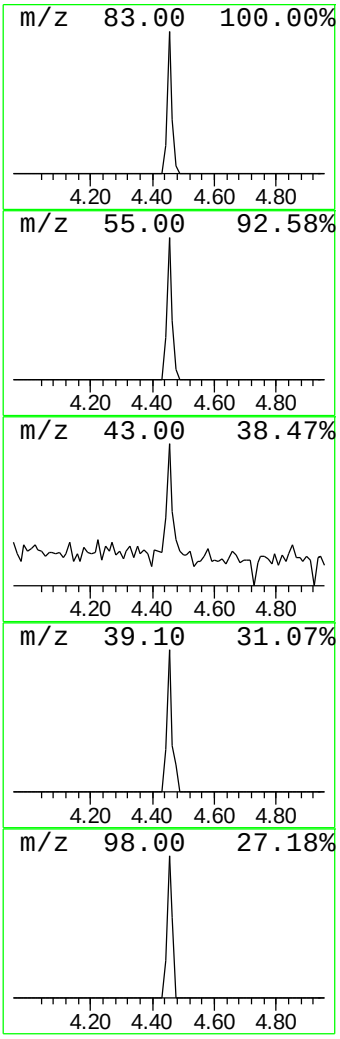
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.82 ng	25691	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	72
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72





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Data File : BF080691.D
Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.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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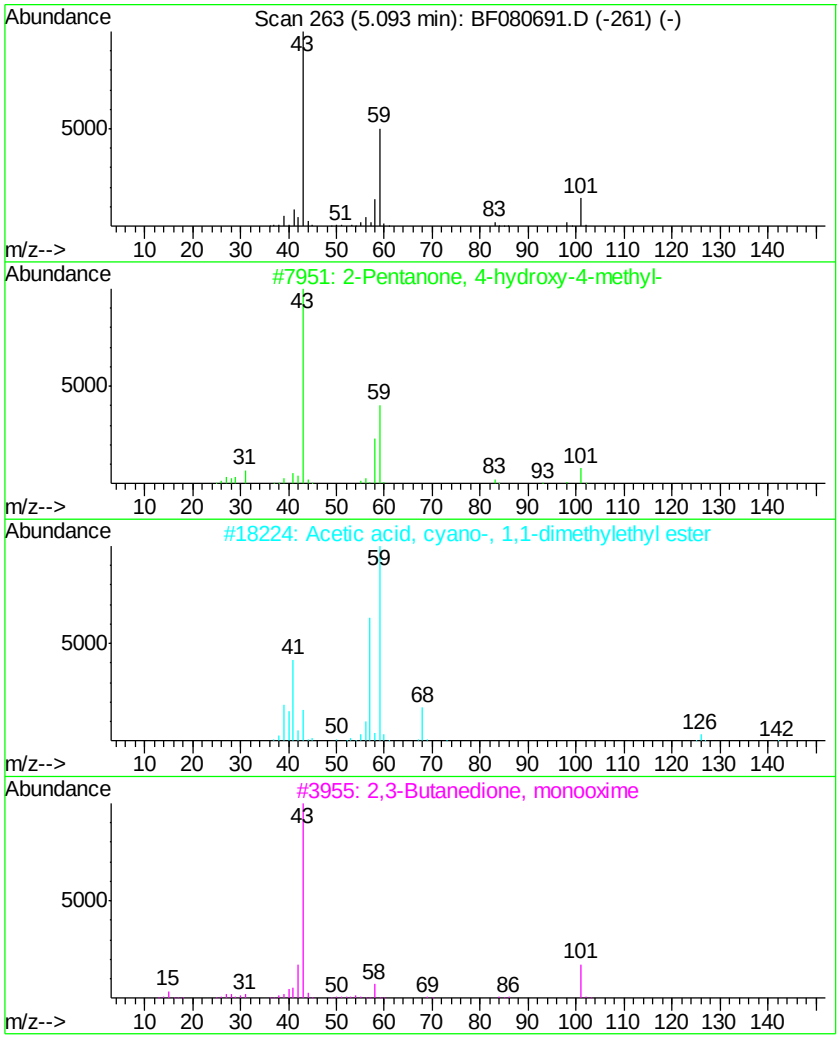
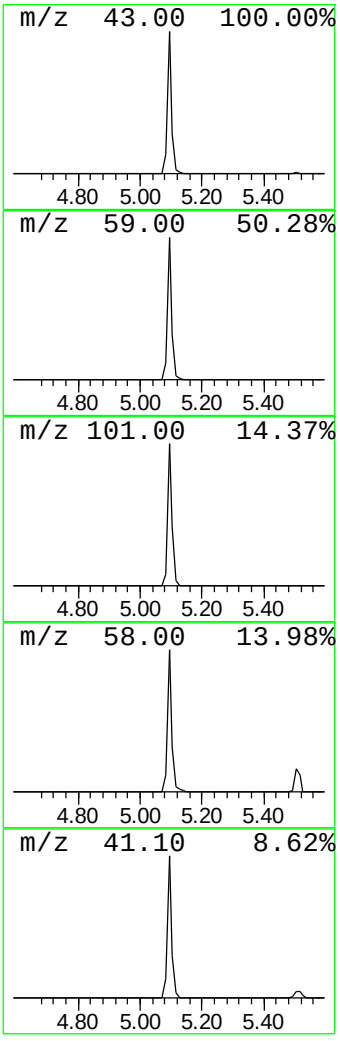
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	67.93 ng	617929	1,4-Dichlorobenzene-d4	6.92

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	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080691.D
Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.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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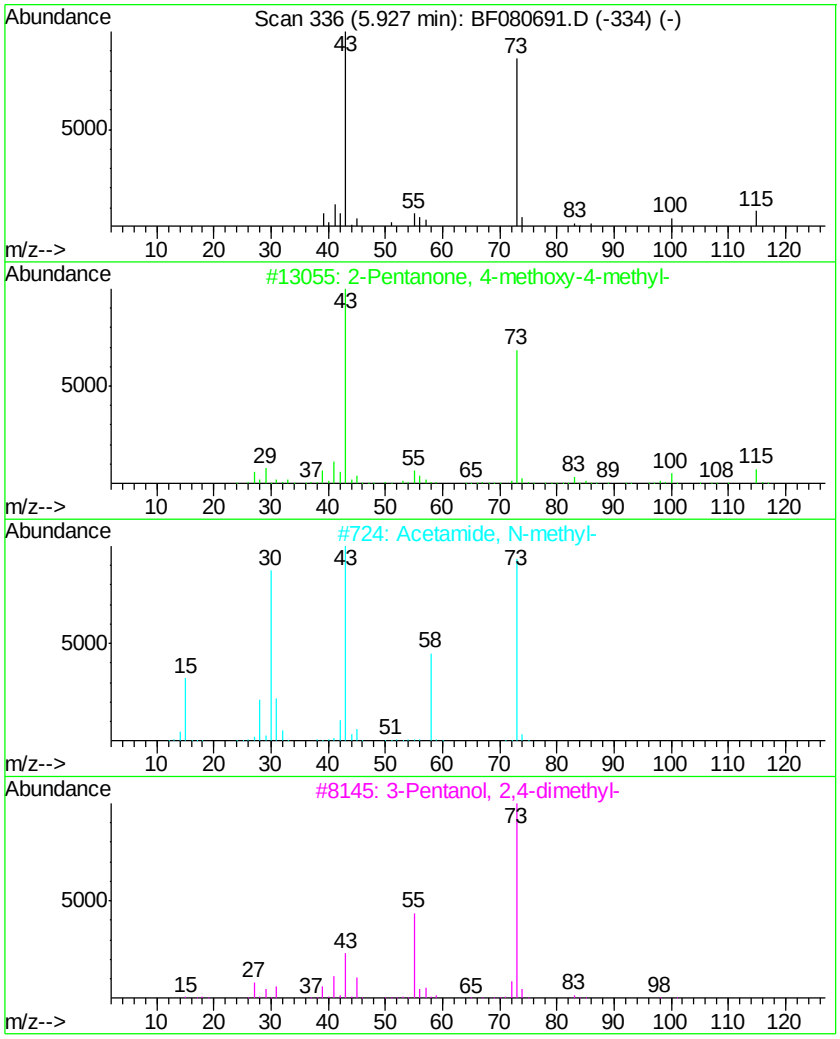
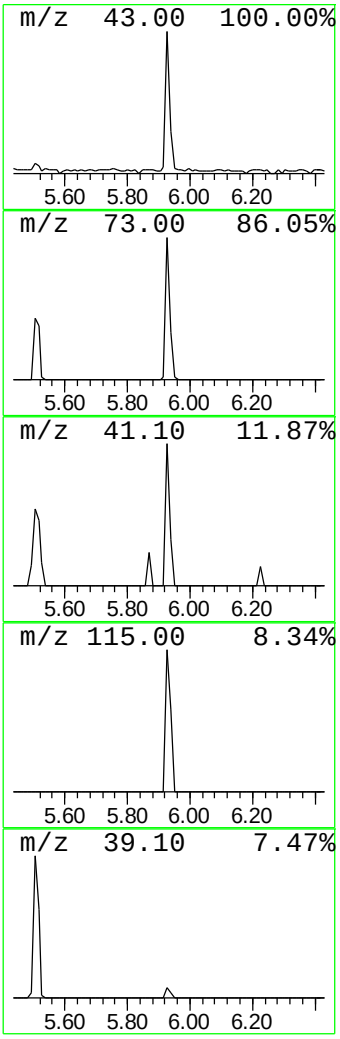
Peak Number 4 unknown5.93 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.83 ng	43923	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080691.D
Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.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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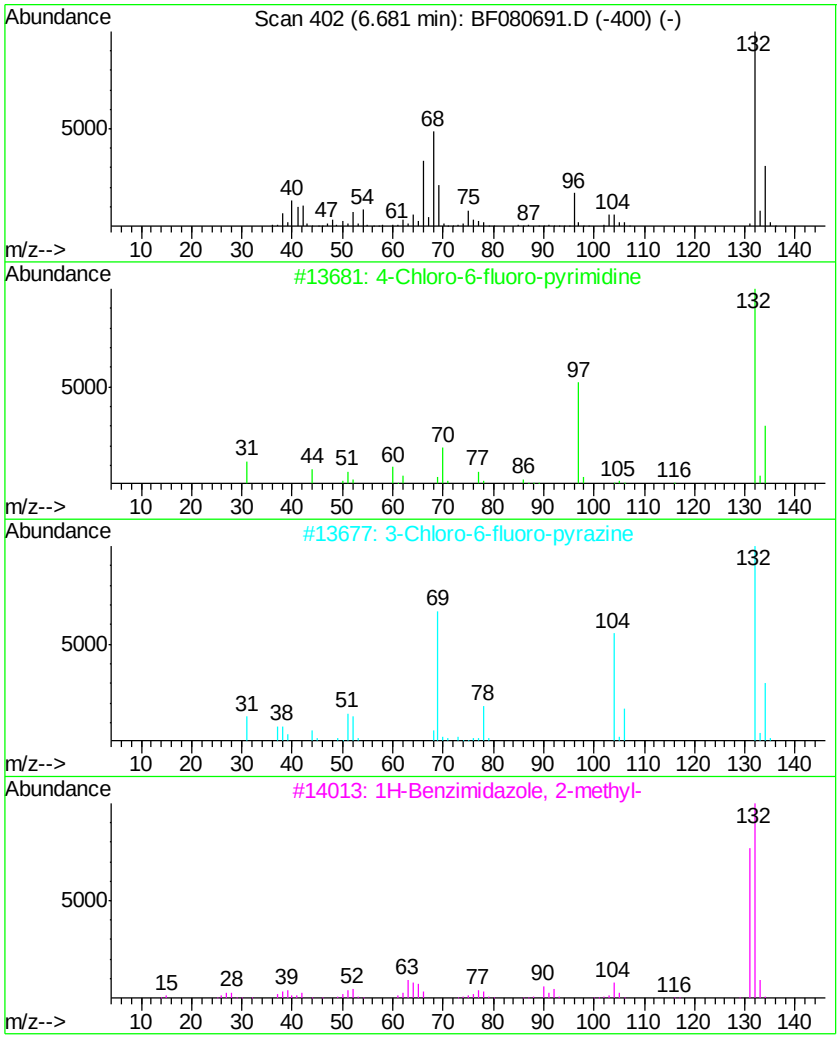
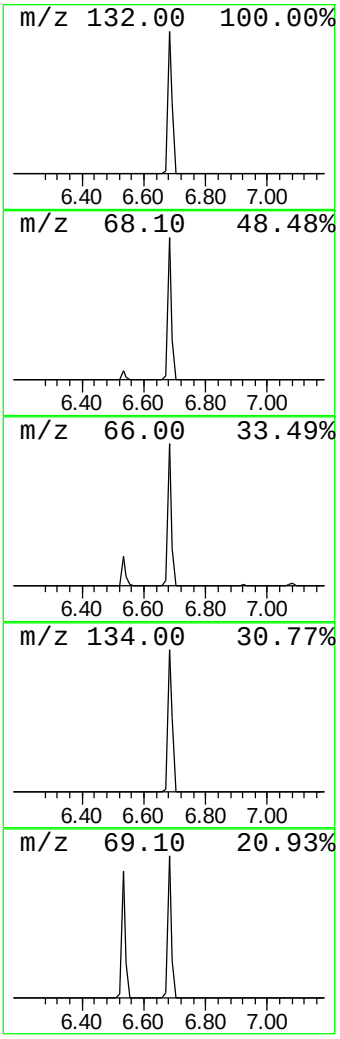
Peak Number 5 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	114.23 ng	1039050	1,4-Dichlorobenzene-d4	6.92

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	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Acq On : 28 Jul 2015 1:32
Operator : TP/UM
Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.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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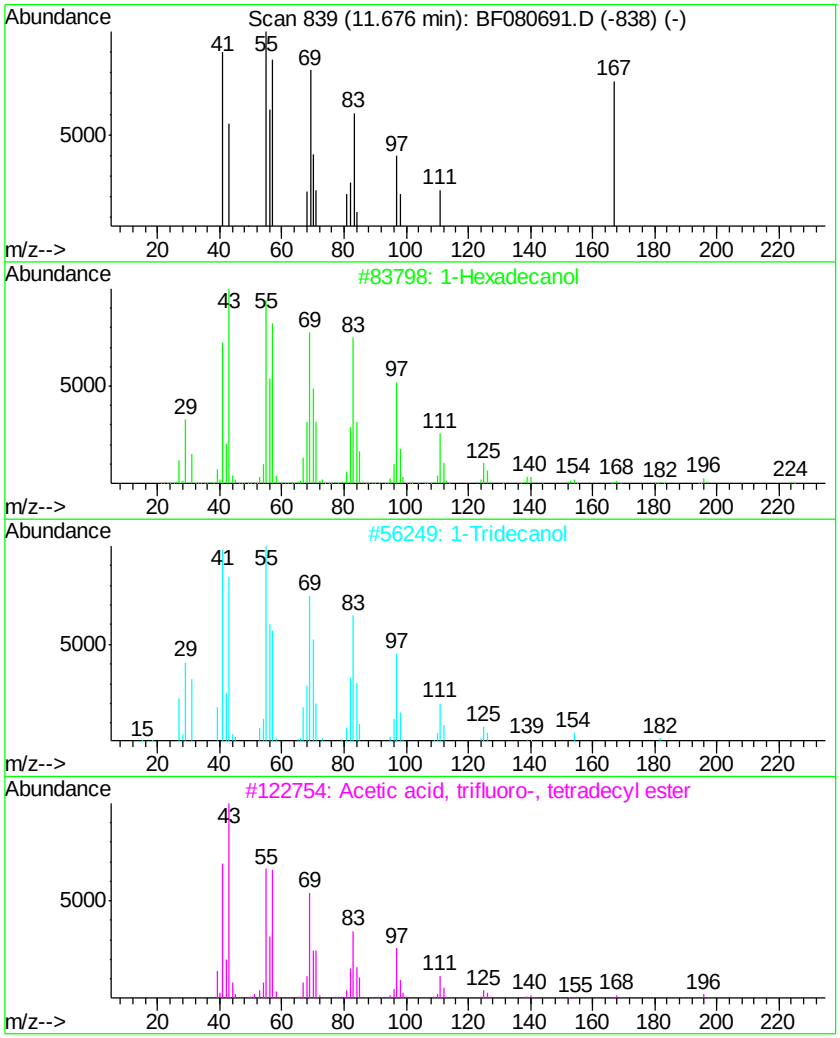
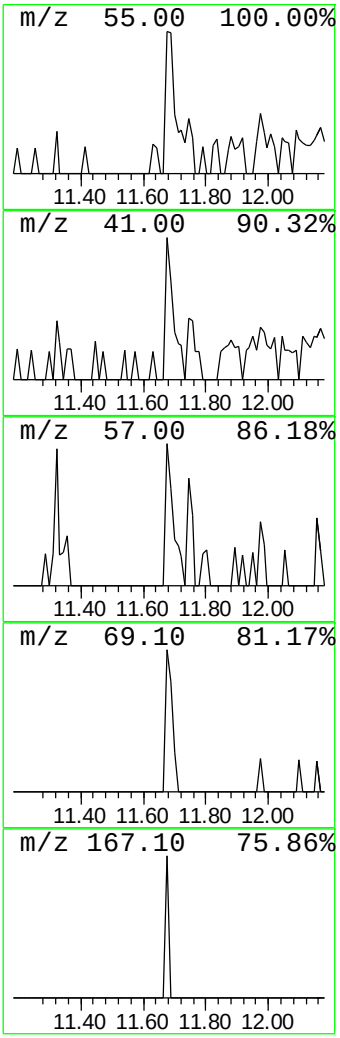
Peak Number 6 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.76 ng	21438	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	64
2	1-Tridecanol	200	C13H28O	000112-70-9	59
3	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	59
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	53
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	50





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Sample : G3084-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

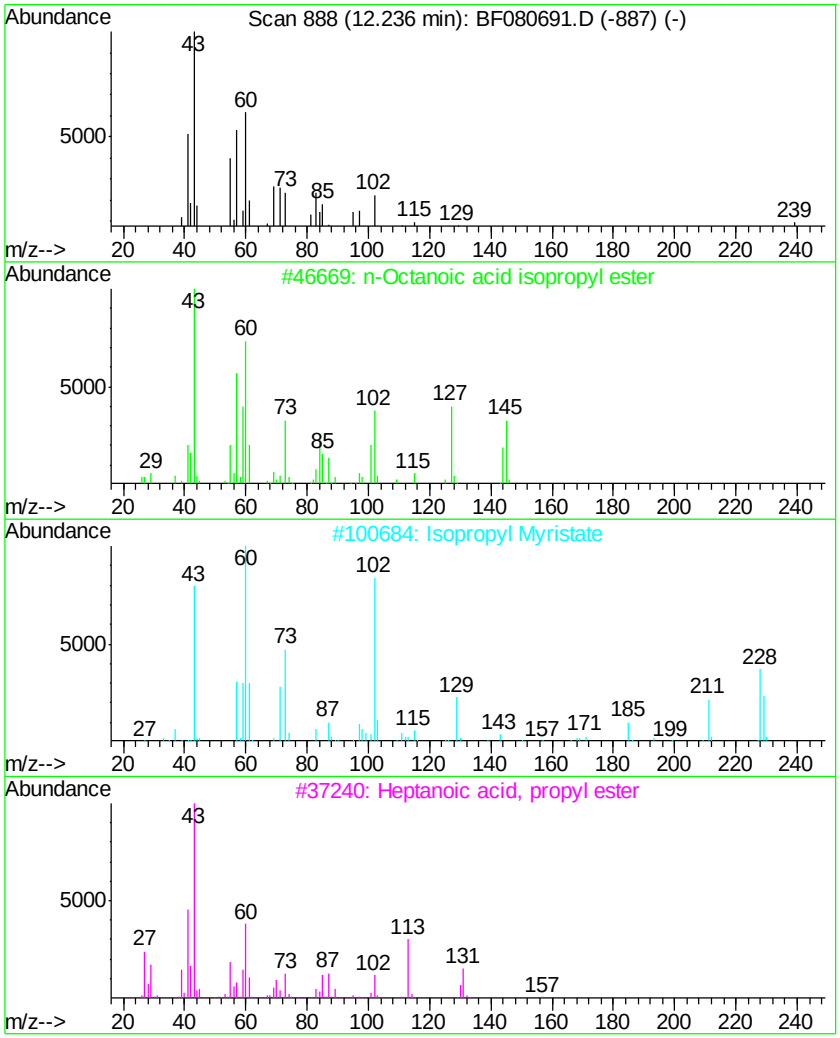
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

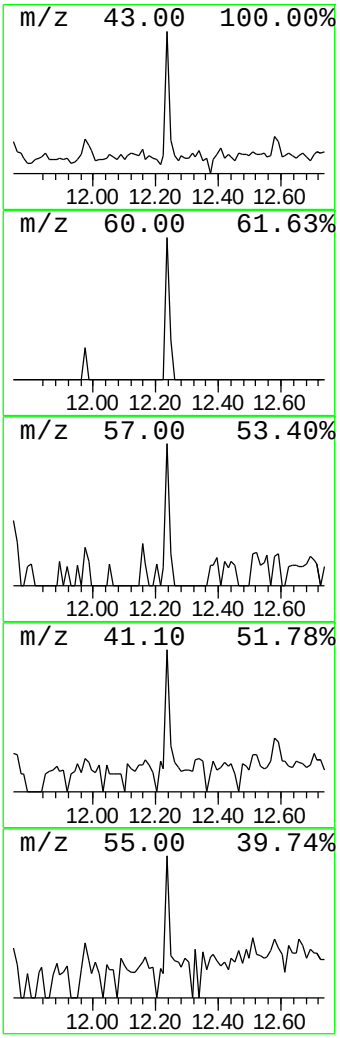
****

Peak Number 7 n-Octanoic acid isopropyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	4.96 ng	22311	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octanoic acid isopropyl ester	186	C11H22O2	005458-59-3	53
2	Isopropyl Myristate	270	C17H34O2	000110-27-0	43
3	Heptanoic acid, propyl ester	172	C10H20O2	007778-87-2	43
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
5	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

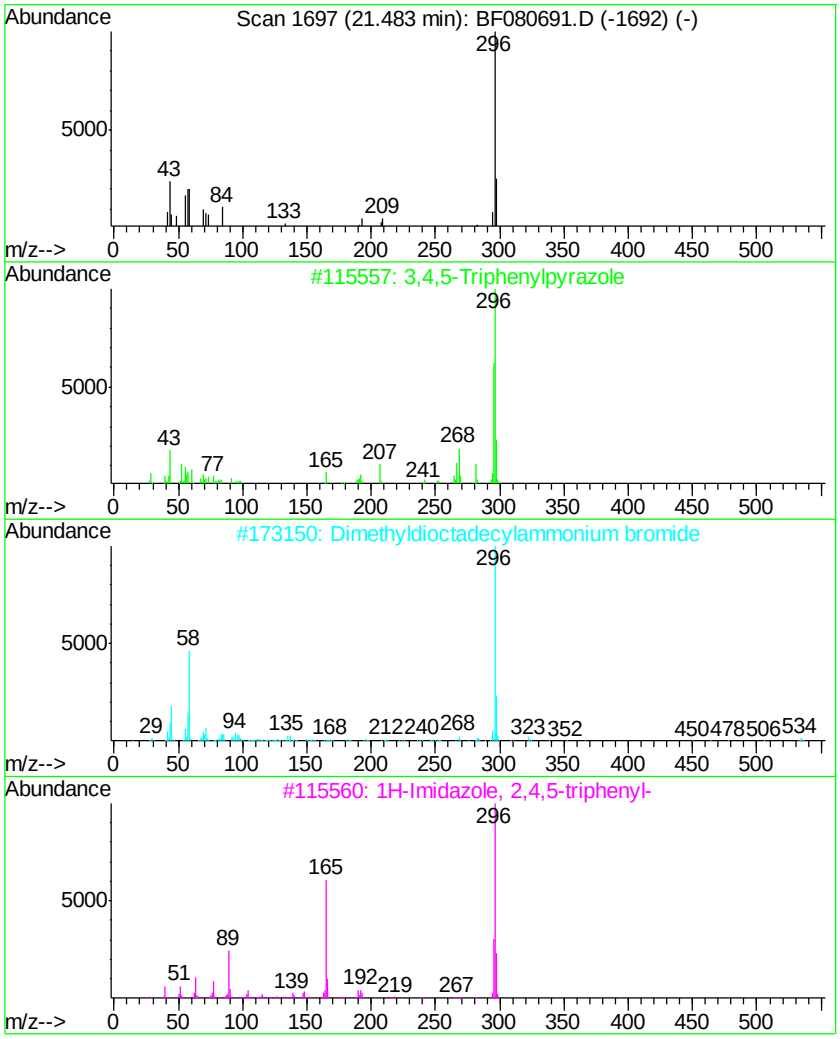
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

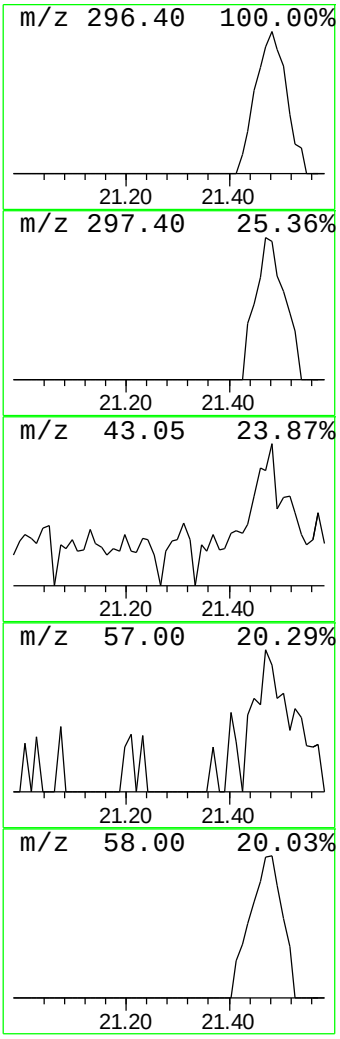
****

Peak Number 9 unknown21.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	29.66 ng	38290	Perylene-d12	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5-Triphenylpyrazole	296	C21H16N2	018076-30-7	42
2	Dimethyldioctadecylammonium bromide	630	C38H80BrN	003700-67-2	42
3	1H-Imidazole, 2,4,5-triphenyl-	296	C21H16N2	000484-47-9	40
4	Cyclohept[b]indol-6(5H)-one, 2-c...	296	C19H24N2O	339284-86-5	9
5	4-Anilino-1-phenylisoquinoline	296	C21H16N2	1000252-85-6	9





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
3-Penten-2-one, 4...	4.45	2.8	ng	25691	1	6.92	181929	20.0
2-Pentanone, 4-hy...	5.09	67.9	ng	617929	1	6.92	181929	20.0
unknown5.93	5.93	4.8	ng	43923	1	6.92	181929	20.0
unknown6.68	6.68	114.2	ng	1039050	1	6.92	181929	20.0
1-Hexadecanol	11.68	4.8	ng	21438	4	11.45	90024	20.0
n-Octanoic acid i...	12.24	5.0	ng	22311	4	11.45	90024	20.0
unknown21.48	21.48	29.7	ng	38290	6	15.87	25817	20.0