LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

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-BF052615.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	1.530	29	30	38	rBV	359705	779042	13.12%	3.216%
2	1.632	38	39	66	rVB	2713938	5935727	100.00%	24.504%
3	4.604	297	299	309	rBV	57437	122474	2.06%	0.506%
4	5.187	348	350	360	rBV	627467	995594	16.77%	4.110%
5	6.513	464	466	474	rBV	884679	1112842	18.75%	4.594%
6	6.627	474	476	479	rVV	1085561	1130146	19.04%	4.665%
7	6.902	498	500	503	rBV	335425	384590	6.48%	1.588%
8	7.096	514	517	519	rBV	688482	935879	15.77%	3.863%
9	7.610	560	562	564	rBV	711963	705225	11.88%	2.911%
10	8.479	636	638	640	rBV	424810	540380	9.10%	2.231%
11	9.828	754	756	759	rVB	1159165	1448215	24.40%	5.979%
12	10.342	799	801	803	rBV	355917	424291	7.15%	1.752%
13	10.651	825	828	830	rVV	591951	647887	10.92%	2.675%
14	11.633	911	914	916	rBV2	699826	953802	16.07%	3.937%
15	11.839	930	932	935	rBV2	87196	145847	2.46%	0.602%
16	11.896	935	937	939	rVV	125520	134556	2.27%	0.555%
17	11.942	939	941	943	rVV	129422	175868	2.96%	0.726%
18	11.988	943	945	948	rVV2	66996	155291	2.62%	0.641%
19	12.056	948	951	954	rVV2	45972	83198	1.40%	0.343%
20	12.114	954	956	959	rVV2	79227	113634	1.91%	0.469%
21	12.171	959	961	963	rVV	64273	117058	1.97%	0.483%
22	12.216	963	965	967	rVB	46556	60557	1.02%	0.250%
23	12.479	986	988	990	rVV	665177	744593	12.54%	3.074%
24	12.514	990	991	993	rVB	209357	153850	2.59%	0.635%
25	12.571	993	996	999	rBV	51208	67230	1.13%	0.278%
26	13.245	1052	1055	1061	rVB4	52740	133126	2.24%	0.550%
27	13.977	1117	1119	1122	rBV	287054	308452	5.20%	1.273%
28	14.251	1141	1143	1146	rVB	260061	318700	5.37%	1.316%
29	14.354	1150	1152	1156	rVB2	66379	84816	1.43%	0.350%
30	14.479	1160	1163	1165	rVB	1379307	1752766	29.53%	7.236%
31	14.800	1189	1191	1193	rBV2	41378	66150	1.11%	0.273%
32	15.097	1215	1217	1220	rVB	159844	155831	2.63%	0.643%
33	15.200	1220	1226	1229	rBV4	25830	75394	1.27%	0.311%
34	15.657	1263	1266	1271	rVV	158781	259703	4.38%	1.072%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.748	1271	1274	1276	rVV2	700119	972851	16.39%	4.016%
36	15.817	1278	1280	1282	rVB	350357	366045	6.17%	1.511%
37	16.068	1299	1302	1305	rBV2	33681	70622	1.19%	0.292%
38	16.457	1334	1336	1339	rBV2	46350	62205	1.05%	0.257%
39	17.017	1382	1385	1390	rBV	144475	295006	4.97%	1.218%
40	17.325	1410	1412	1414	rVB	80460	97346	1.64%	0.402%
41	17.383	1415	1417	1420	rBV	120652	158491	2.67%	0.654%
42	17.451	1420	1423	1425	rBV	511026	795448	13.40%	3.284%
43	18.708	1531	1533	1538	rVB2	57119	117092	1.97%	0.483%
44	19.074	1563	1565	1569	rVB	40189	65885	1.11%	0.272%

Sum of corrected areas: 24223705

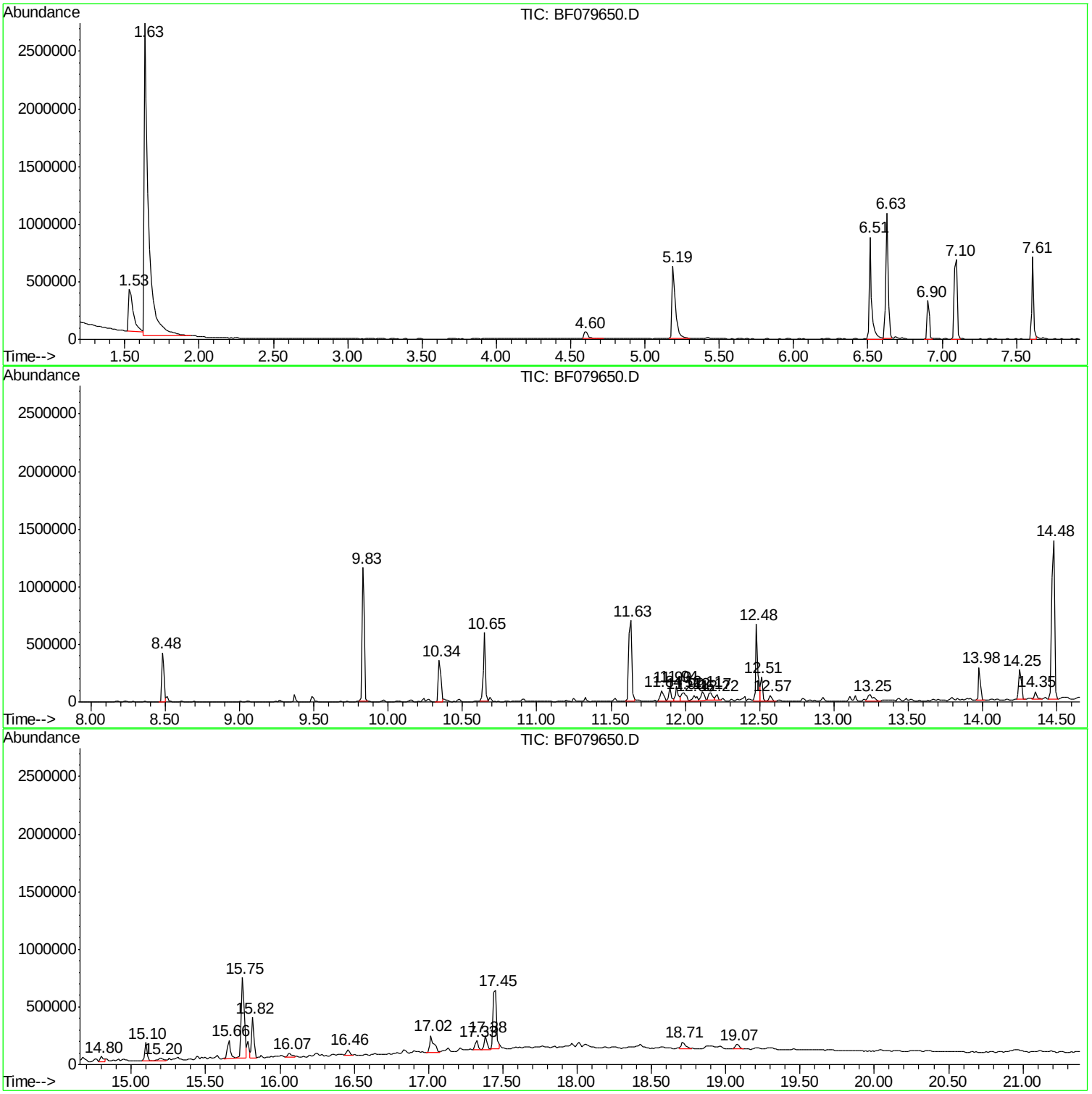
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

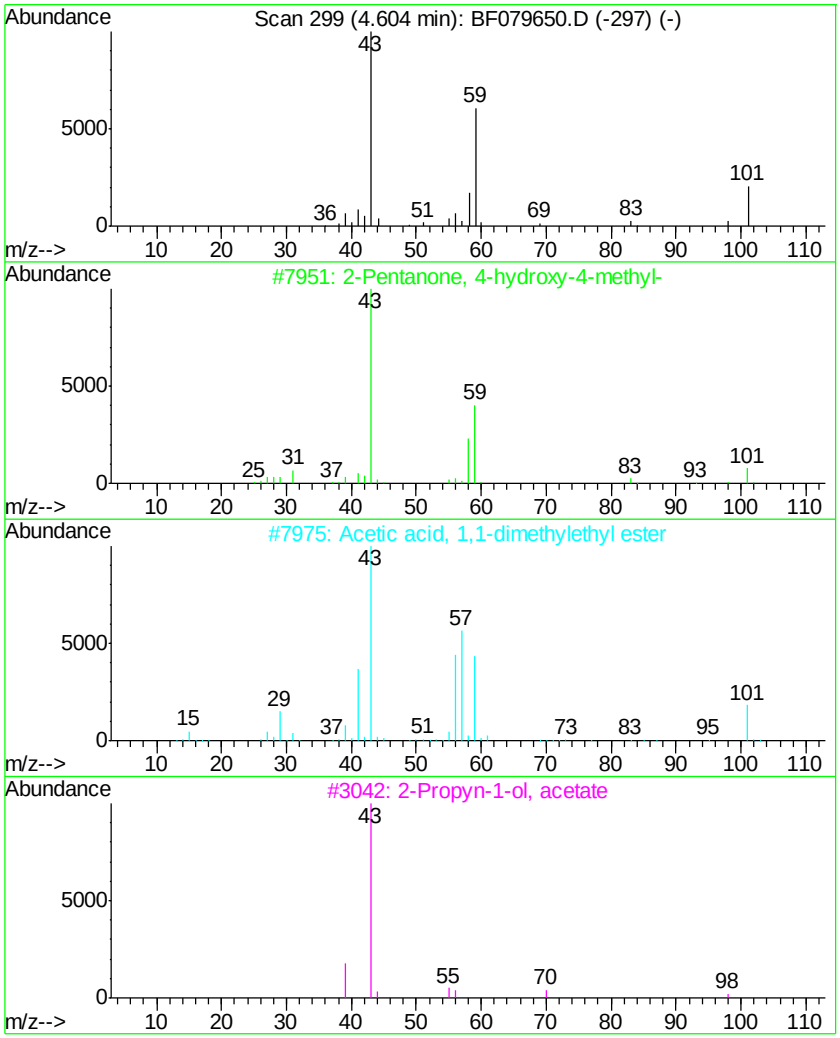
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

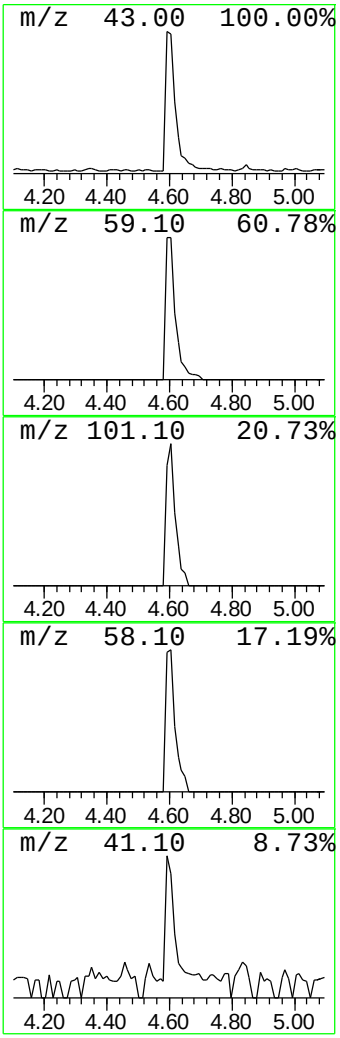
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	6.37 ng	122474	1,4-Dichlorobenzene-d4	6.90

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	40
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

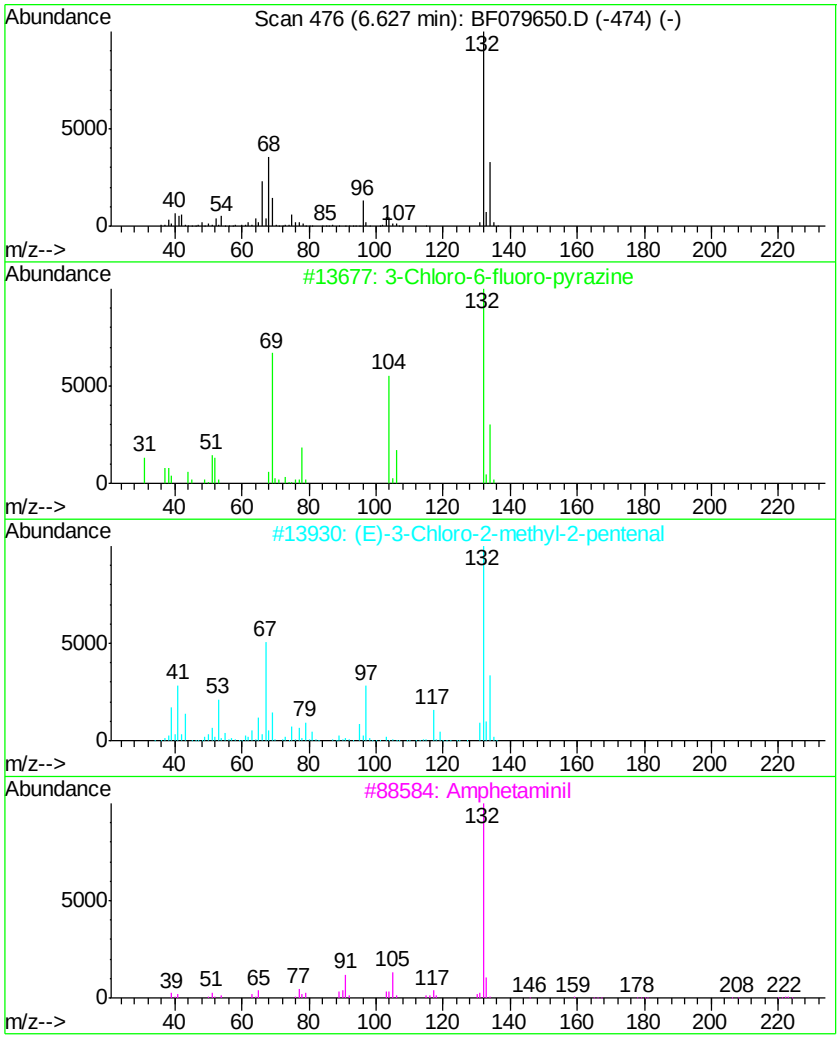
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

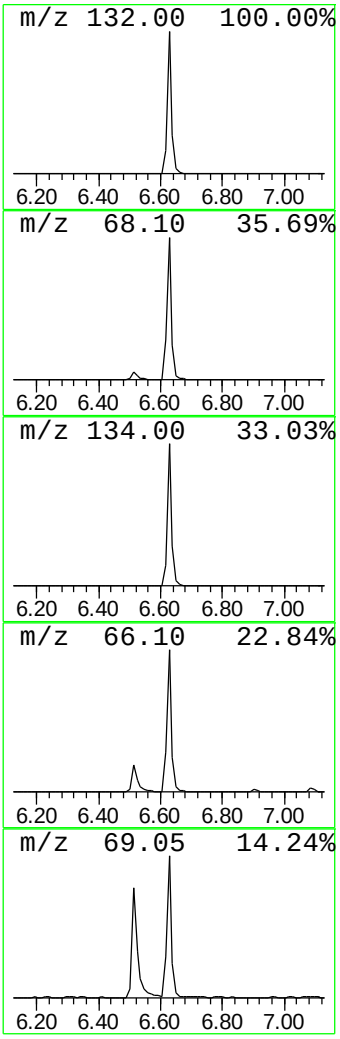
****

Peak Number 4 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	58.77 ng	1130150	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

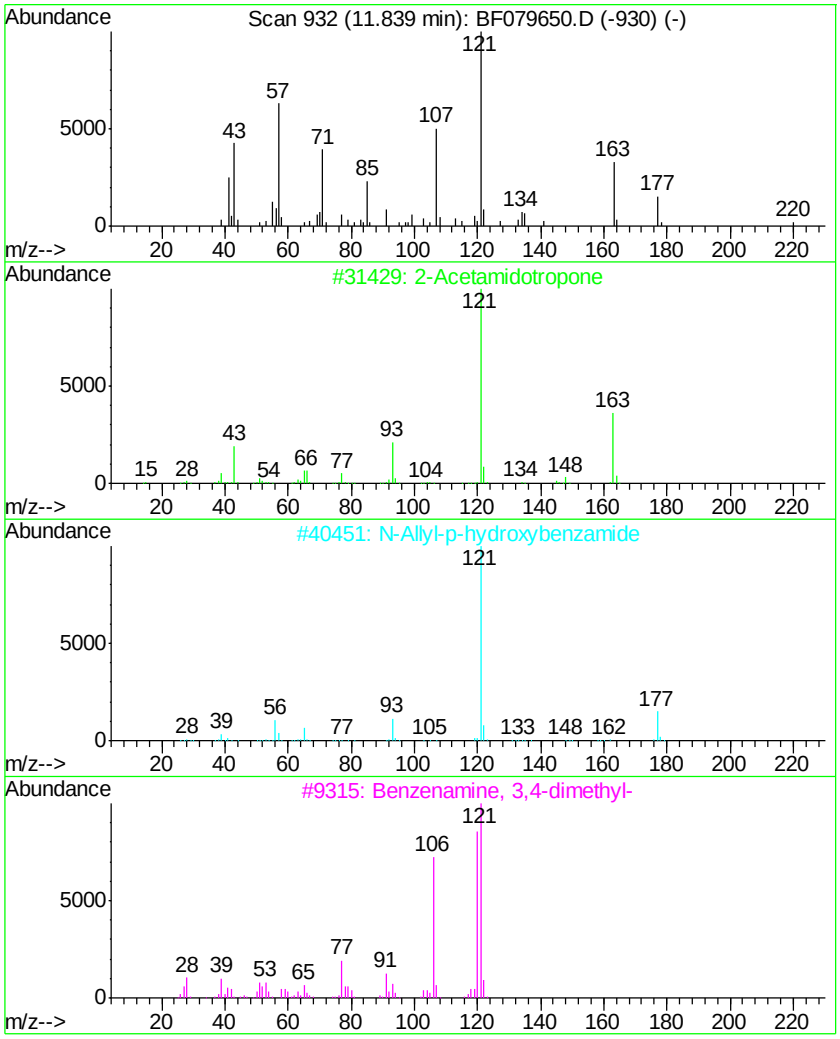
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

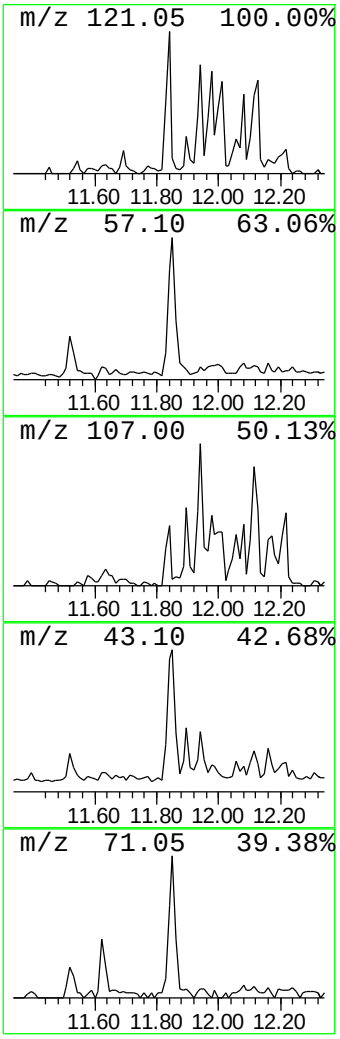
****

Peak Number 6 unknown11.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.92 ng	145847	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	35
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	30
3	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	22
4	(d-Threo-2,3-diphenyl)-2-butanol	226	C16H18O	004539-33-7	22
5	Benzenamine, 2-(2,4,5-trichlorop...	364	C13H11Cl3N2O2S	1000264-15-5	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

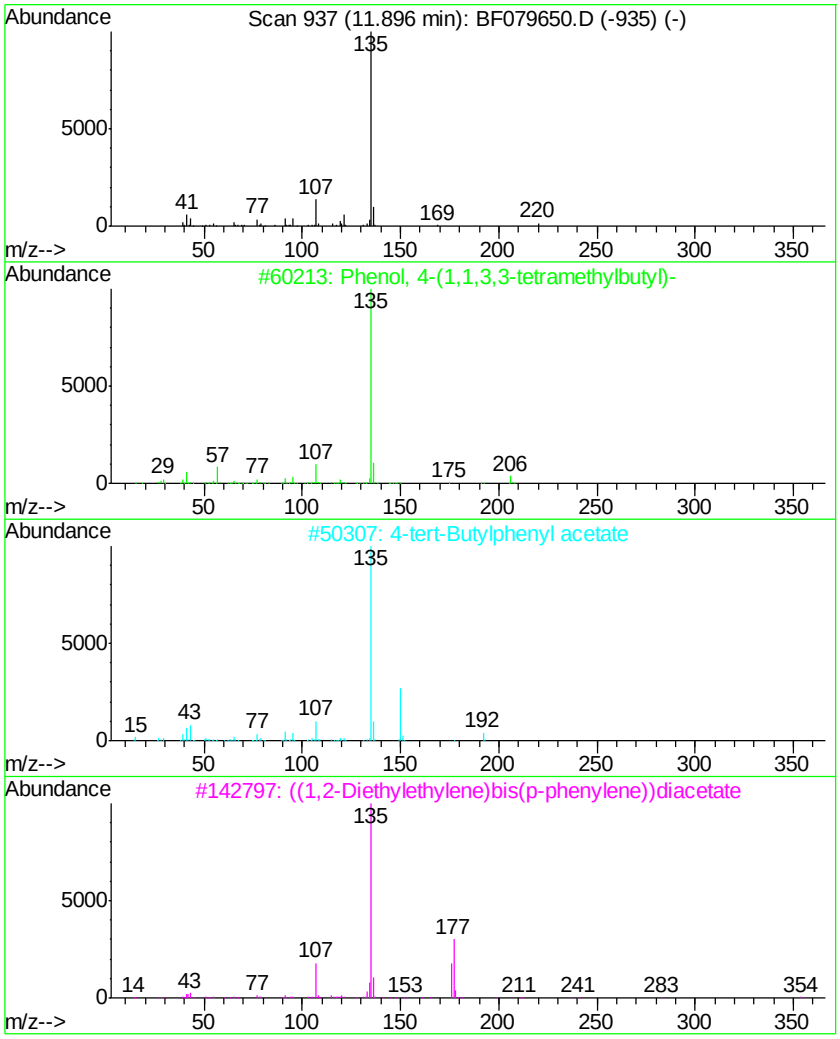
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

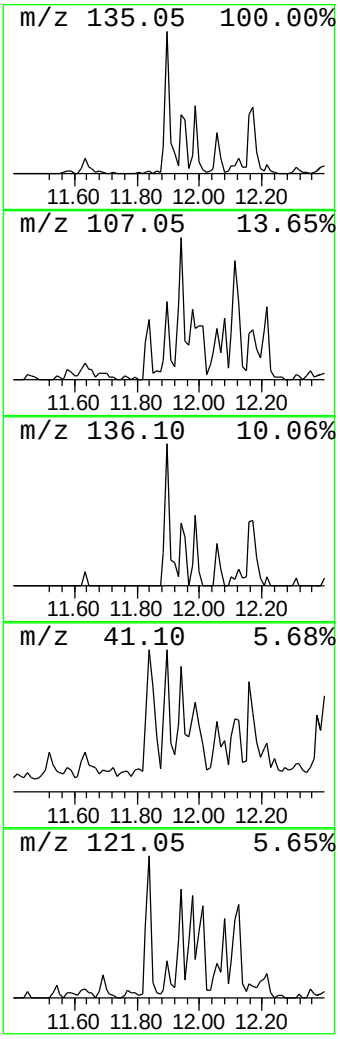
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.61 ng	134556	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

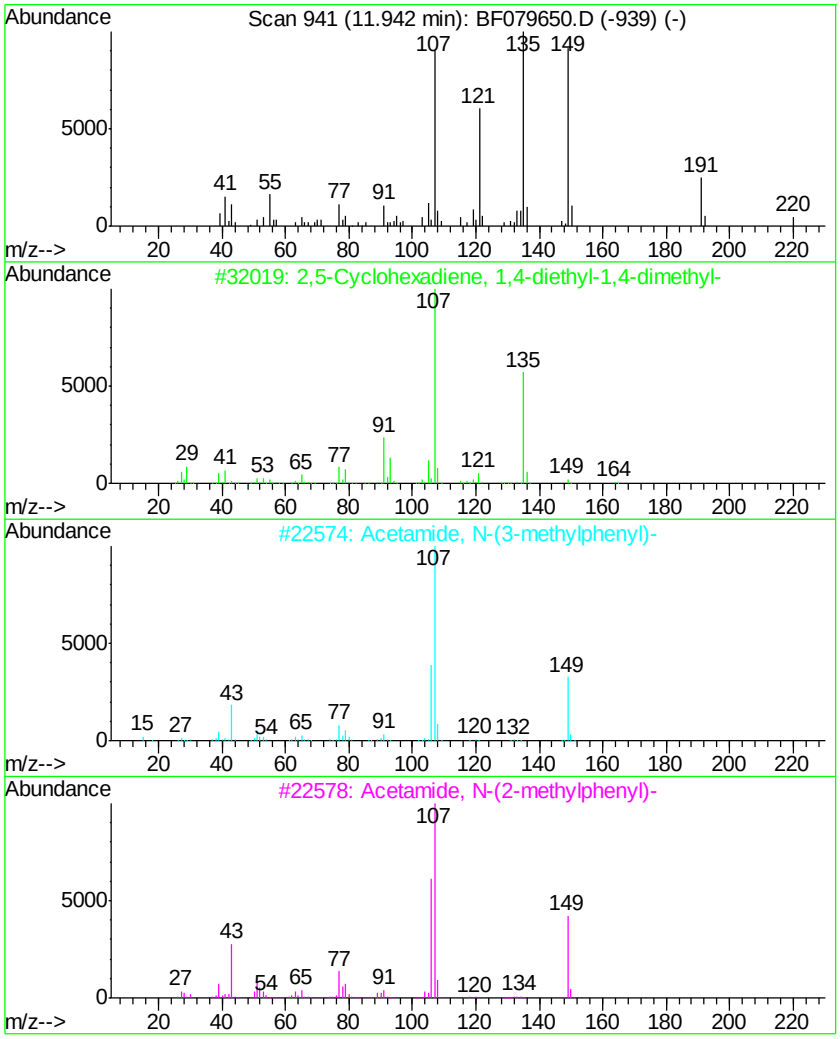
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

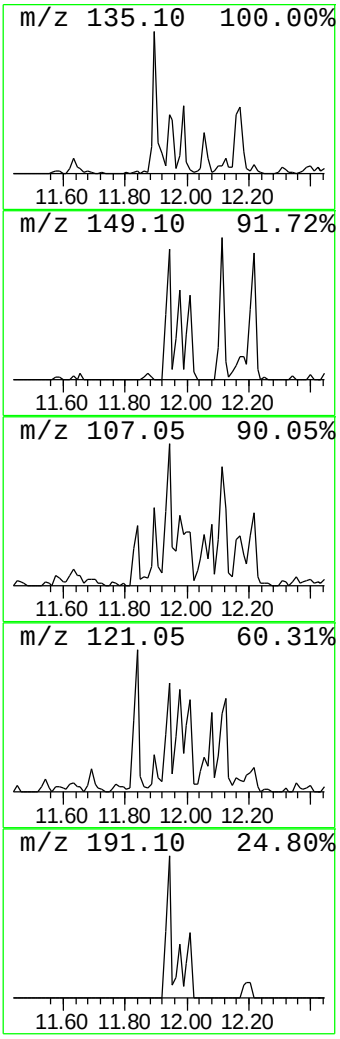
****

Peak Number 8 unknown11.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.72 ng	175868	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	47
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	35
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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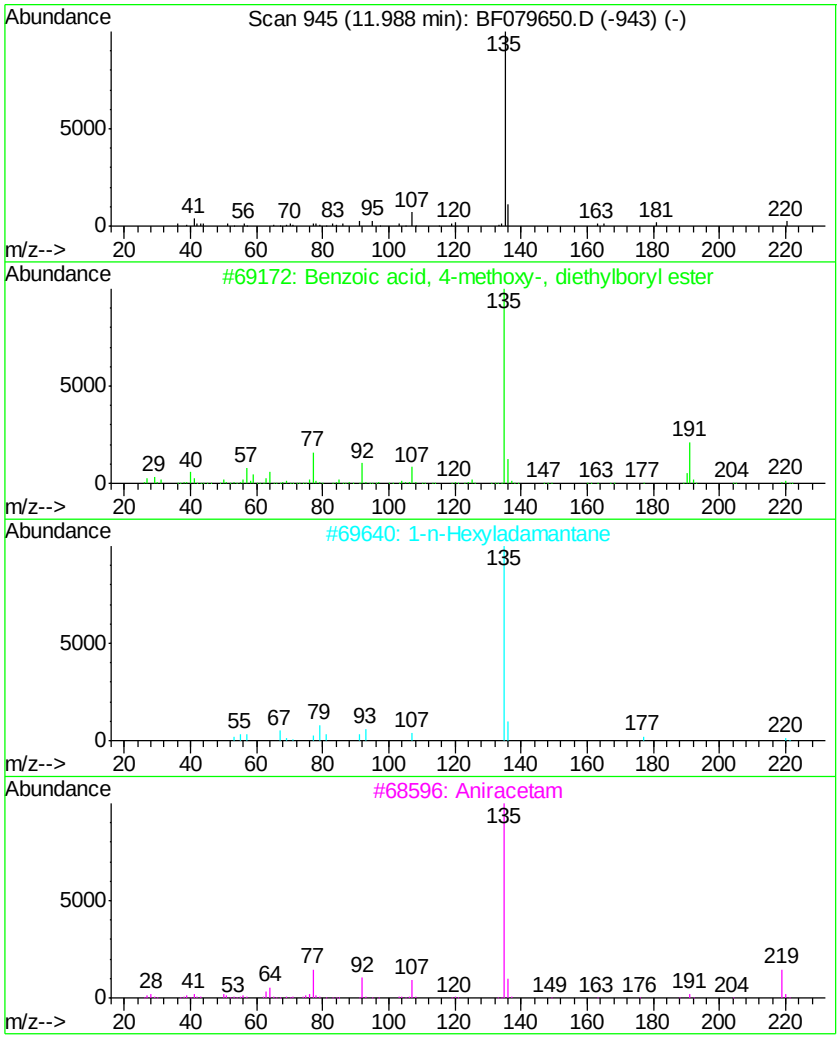
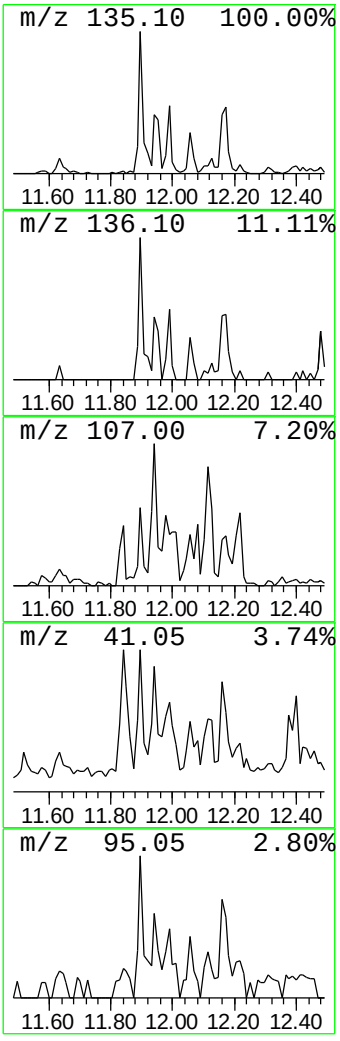
Peak Number 9 Benzoic acid, 4-methoxy-, d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.17 ng	155291	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methoxy-, diethy...	220	C12H17BO3	146681-61-0	56
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	56
3	Aniracetam	219	C12H13NO3	072432-10-1	56
4	1-Adamantanecarboxylic acid, 2-e...	290	C19H30O2	1000282-62-9	40
5	Allyldimethylphenylsilane	176	C11H16Si	018001-18-8	40





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

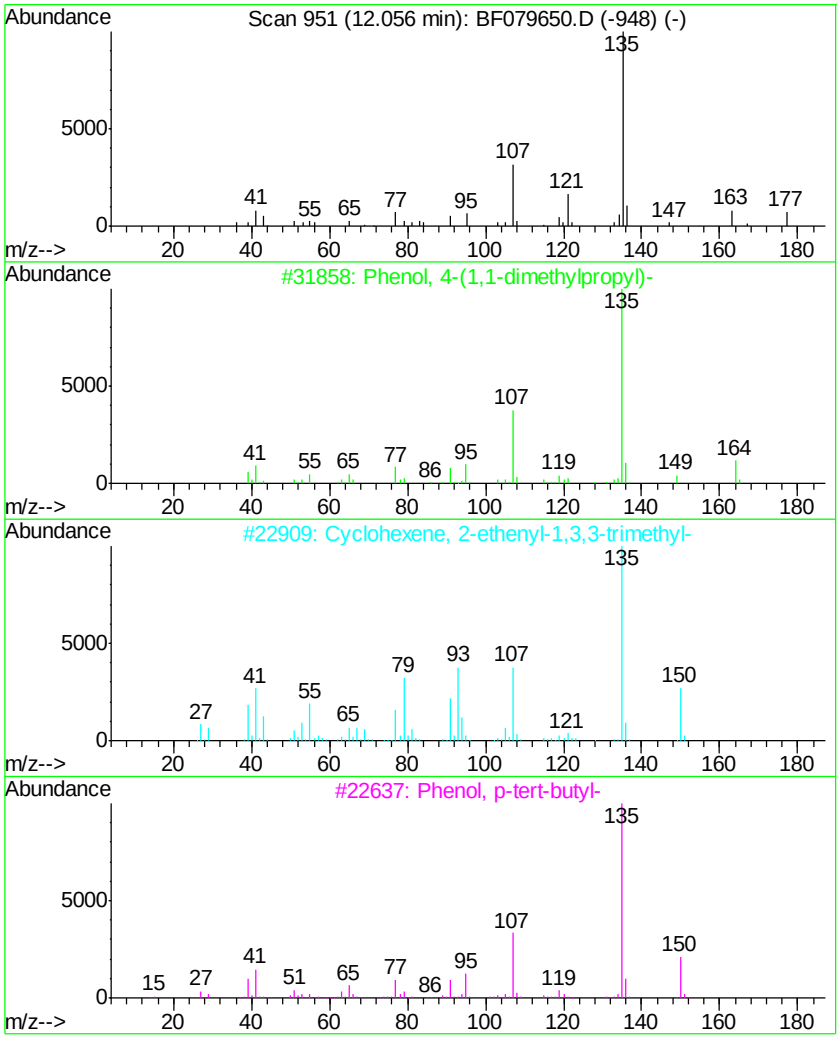
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

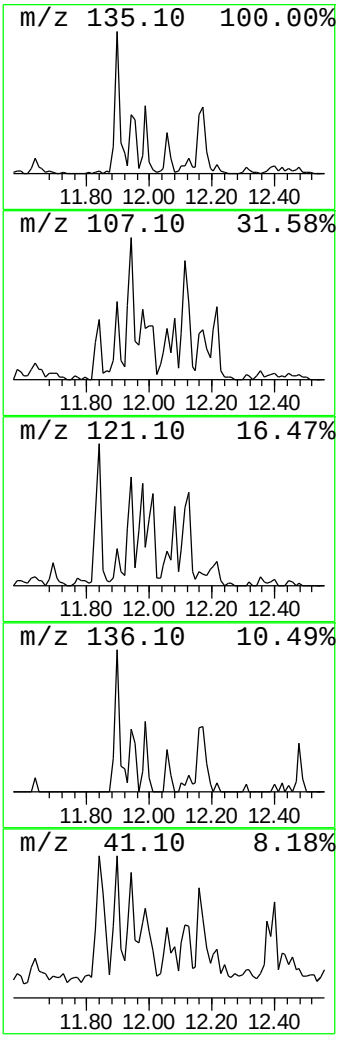
****

Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.23 ng	83198	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	64
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	59
5	m-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-59-9	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

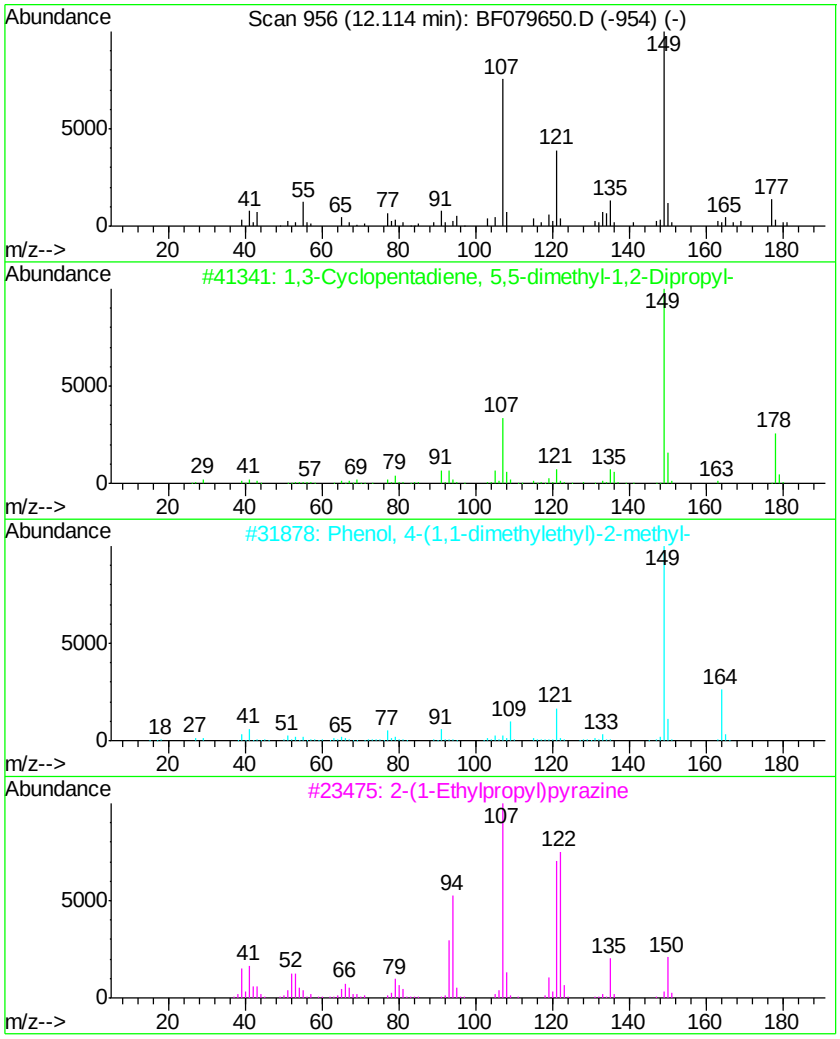
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

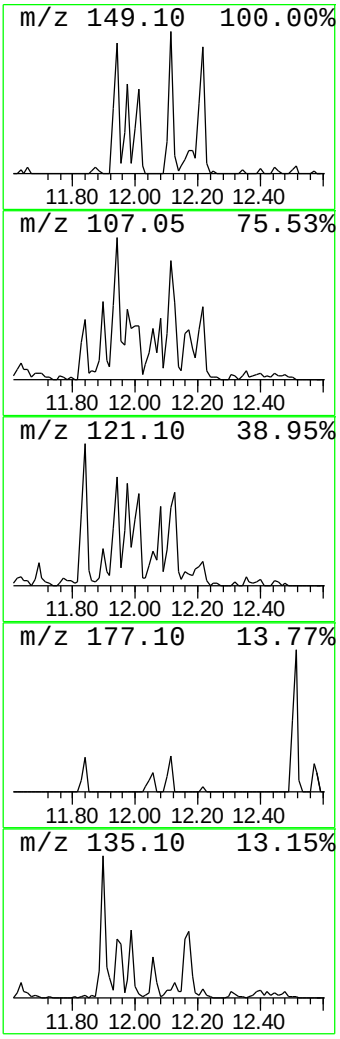
****

Peak Number 11 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.05 ng	113634	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	56
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	43
3	2-(1-Ethylpropyl)pyrazine	150	C9H14N2	040790-26-9	43
4	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	43
5	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079650.D
Acq On : 31 May 2015 23:25
Operator : TP/IZ
Sample : G2427-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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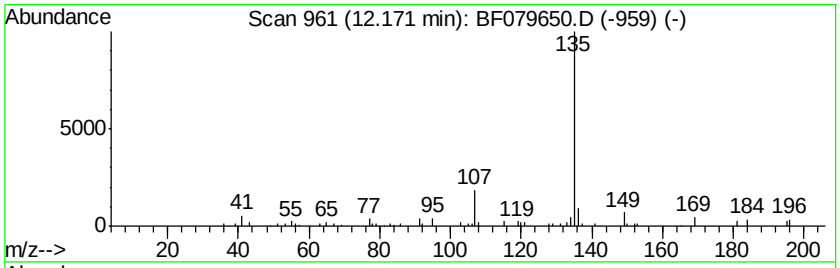
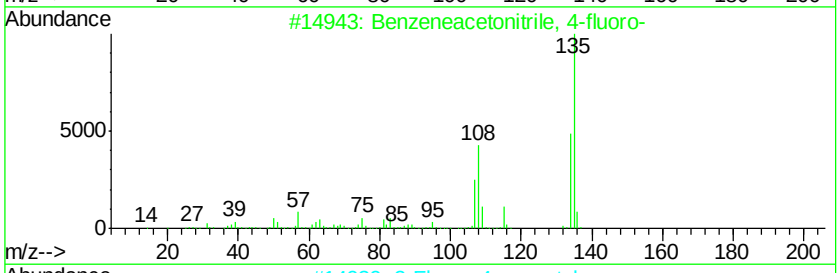
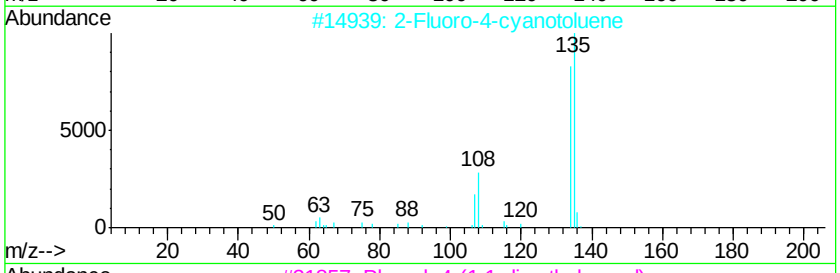
Peak Number 12 Benzeneacetonitrile, 4-fluoro- Concentration Rank 12

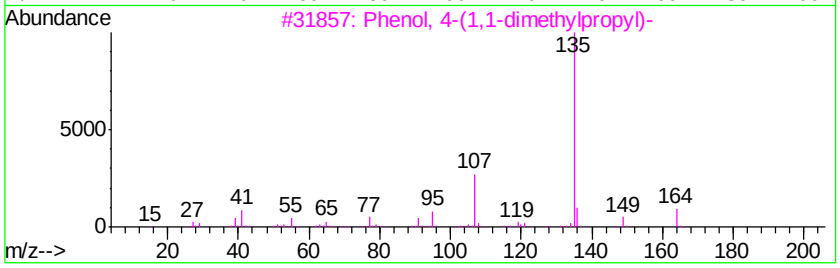
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.14 ng	117058	Phenanthrene-d10	12.48

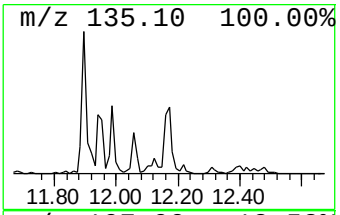
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	64
2	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	59
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	53
5	Thymol	150	C10H14O	000089-83-8	53

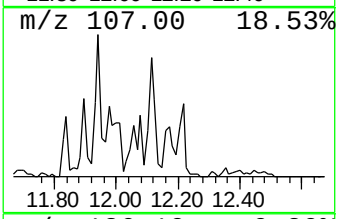


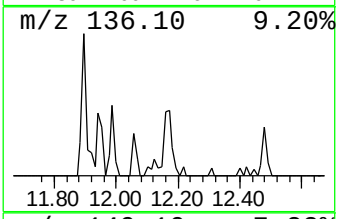


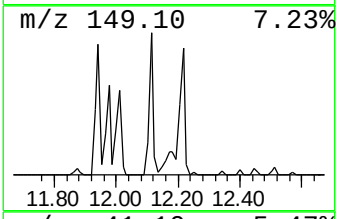


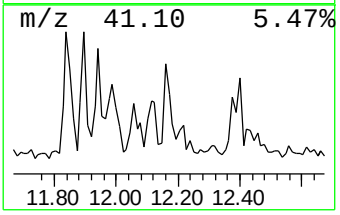












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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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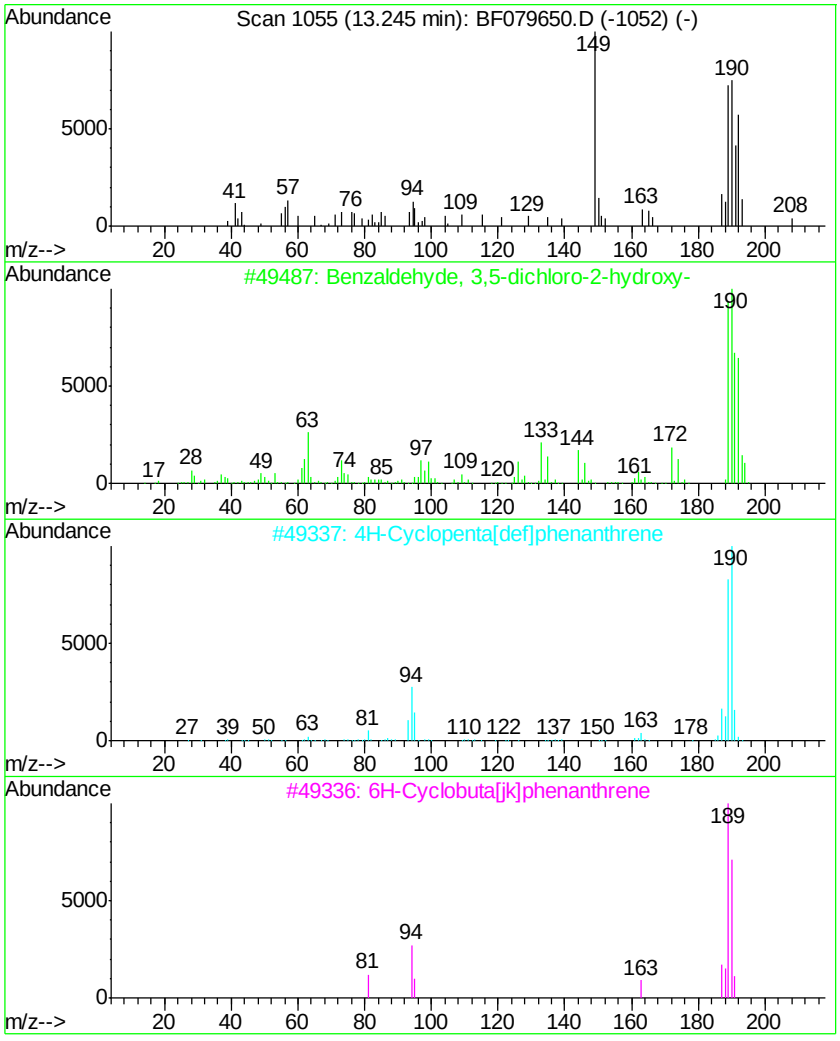
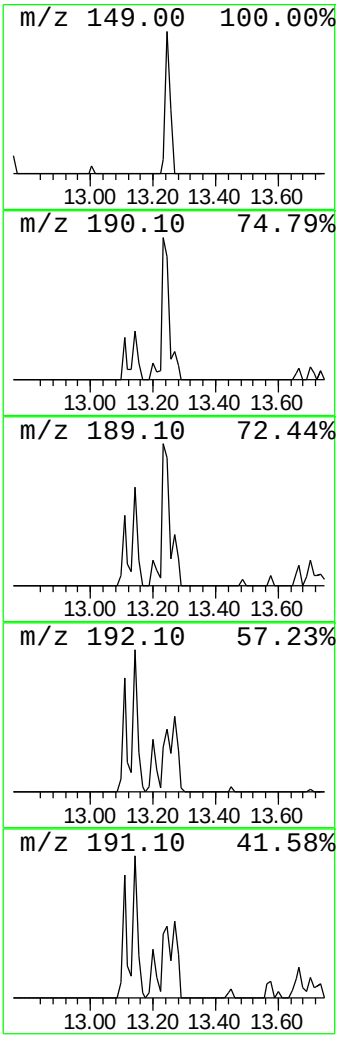
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.58 ng	133126	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
4	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	27
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	27





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HB-9A-DEL3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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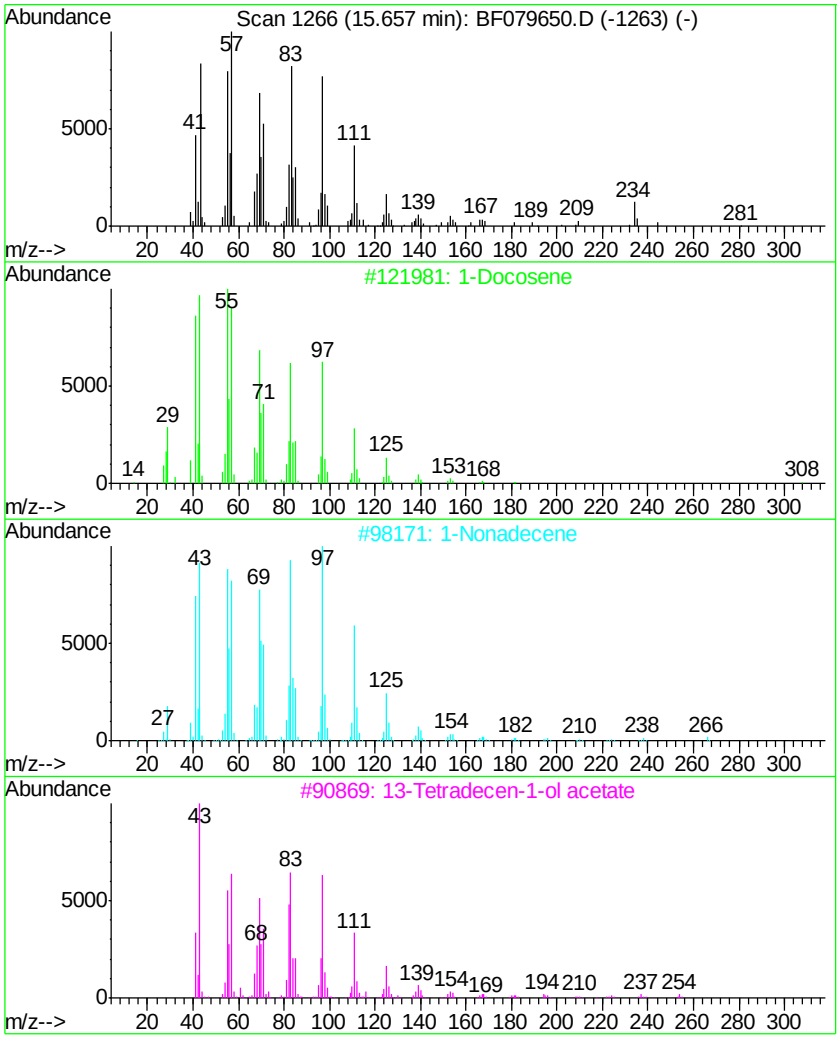
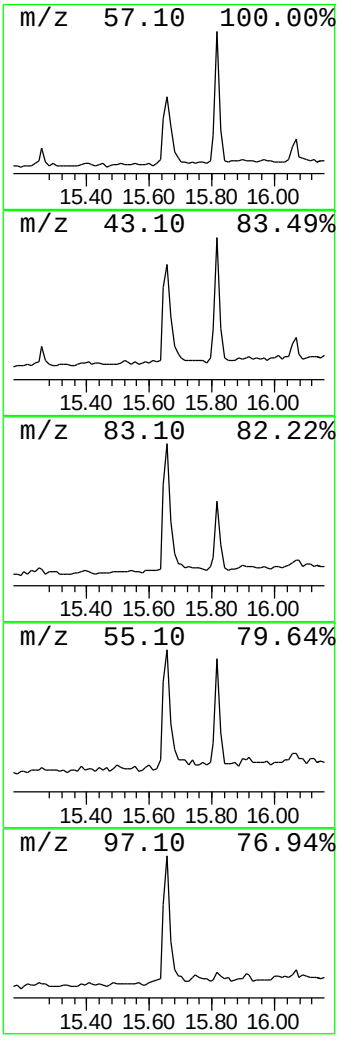
Peak Number 14 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.34 ng	259703	Chrysene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	Cyclohexadecane	224	C16H32	000295-65-8	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	6.4	ng	122474	1	6.90	384590	20.0
unknown6.63	6.63	58.8	ng	1130150	1	6.90	384590	20.0
unknown11.84	11.84	3.9	ng	145847	4	12.48	744593	20.0
Phenol, 4-(1,1,3,...	11.90	3.6	ng	134556	4	12.48	744593	20.0
unknown11.94	11.94	4.7	ng	175868	4	12.48	744593	20.0
Benzoic acid, 4-m...	11.99	4.2	ng	155291	4	12.48	744593	20.0
Phenol, 4-(1,1-di...	12.06	2.2	ng	83198	4	12.48	744593	20.0
1,3-Cyclopentadie...	12.11	3.0	ng	113634	4	12.48	744593	20.0
Benzeneacetonitri...	12.17	3.1	ng	117058	4	12.48	744593	20.0
Benzaldehyde, 3,5...	13.25	3.6	ng	133126	4	12.48	744593	20.0
1-Docosene	15.66	5.3	ng	259703	5	15.75	972851	20.0