LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

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-BF050217.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	3.490	253	264	290	rBV	1350867	2803489	100.00%	12.853%
2	5.125	538	542	558	rBV	137334	289471	10.33%	1.327%
3	5.743	643	647	674	rBV	801132	1698875	60.60%	7.789%
4	7.313	910	914	931	rBV	969623	1645172	58.68%	7.543%
5	7.437	931	935	950	rVB	1323270	1961784	69.98%	8.994%
6	7.772	988	992	1003	rBV	446612	559781	19.97%	2.566%
7	8.013	1028	1033	1052	rVB	1191270	1515652	54.06%	6.949%
8	8.672	1140	1145	1175	rBV	715407	1106317	39.46%	5.072%
9	9.789	1330	1335	1354	rBV	488961	711871	25.39%	3.264%
10	11.560	1631	1636	1658	rBV	1557396	2003000	71.45%	9.183%
11	12.254	1750	1754	1766	rBV	125537	200353	7.15%	0.919%
12	12.619	1812	1816	1833	rBV2	473509	682398	24.34%	3.129%
13	13.454	1953	1958	1962	rBV	24645	30073	1.07%	0.138%
14	13.919	2032	2037	2060	rBV	560640	934904	33.35%	4.286%
15	14.224	2085	2089	2092	rBV2	24302	30568	1.09%	0.140%
16	14.707	2165	2171	2176	rBV	60219	71768	2.56%	0.329%
17	15.024	2220	2225	2229	rBV	397560	513428	18.31%	2.354%
18	15.060	2229	2231	2238	rVB	70347	101922	3.64%	0.467%
19	15.977	2381	2387	2398	rBV7	40192	93952	3.35%	0.431%
20	16.807	2524	2528	2537	rBV	124593	163400	5.83%	0.749%
21	16.883	2537	2541	2545	rBV	31026	35849	1.28%	0.164%
22	17.107	2575	2579	2586	rVB	119306	147536	5.26%	0.676%
23	17.336	2614	2618	2629	rBV	984619	1166131	41.60%	5.346%
24	17.571	2650	2658	2664	rVB4	12403	28381	1.01%	0.130%
25	18.465	2806	2810	2817	rVB	239634	240742	8.59%	1.104%
26	18.612	2828	2835	2840	rBV10	26266	72530	2.59%	0.333%
27	18.689	2843	2848	2853	rBV	407017	545425	19.46%	2.501%
28	18.871	2874	2879	2883	rBV	220012	242154	8.64%	1.110%
29	18.924	2884	2888	2891	rVV	368874	387237	13.81%	1.775%
30	18.953	2891	2893	2896	rVV	114353	120447	4.30%	0.552%
31	18.995	2896	2900	2904	rVB	141401	159268	5.68%	0.730%
32	19.365	2960	2963	2969	rVB2	66648	88226	3.15%	0.404%
33	19.453	2975	2978	2985	rVB6	26254	39982	1.43%	0.183%
34	19.812	3035	3039	3043	rBV3	38576	49194	1.75%	0.226%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.965	3061	3065	3068	rBV	68789	97291	3.47%	0.446%
36	20.095	3085	3087	3091	rVB	54651	55188	1.97%	0.253%
37	20.259	3112	3115	3118	rVB	37981	33931	1.21%	0.156%
38	20.312	3121	3124	3129	rVV	47927	58549	2.09%	0.268%
39	20.365	3129	3133	3142	rVB	310118	418328	14.92%	1.918%
40	20.830	3208	3212	3216	rVB	57539	71437	2.55%	0.328%
41	22.183	3436	3442	3452	rVB8	98183	224153	8.00%	1.028%
42	23.883	3723	3731	3747	rVB7	132453	411234	14.67%	1.885%

Sum of corrected areas: 21811391

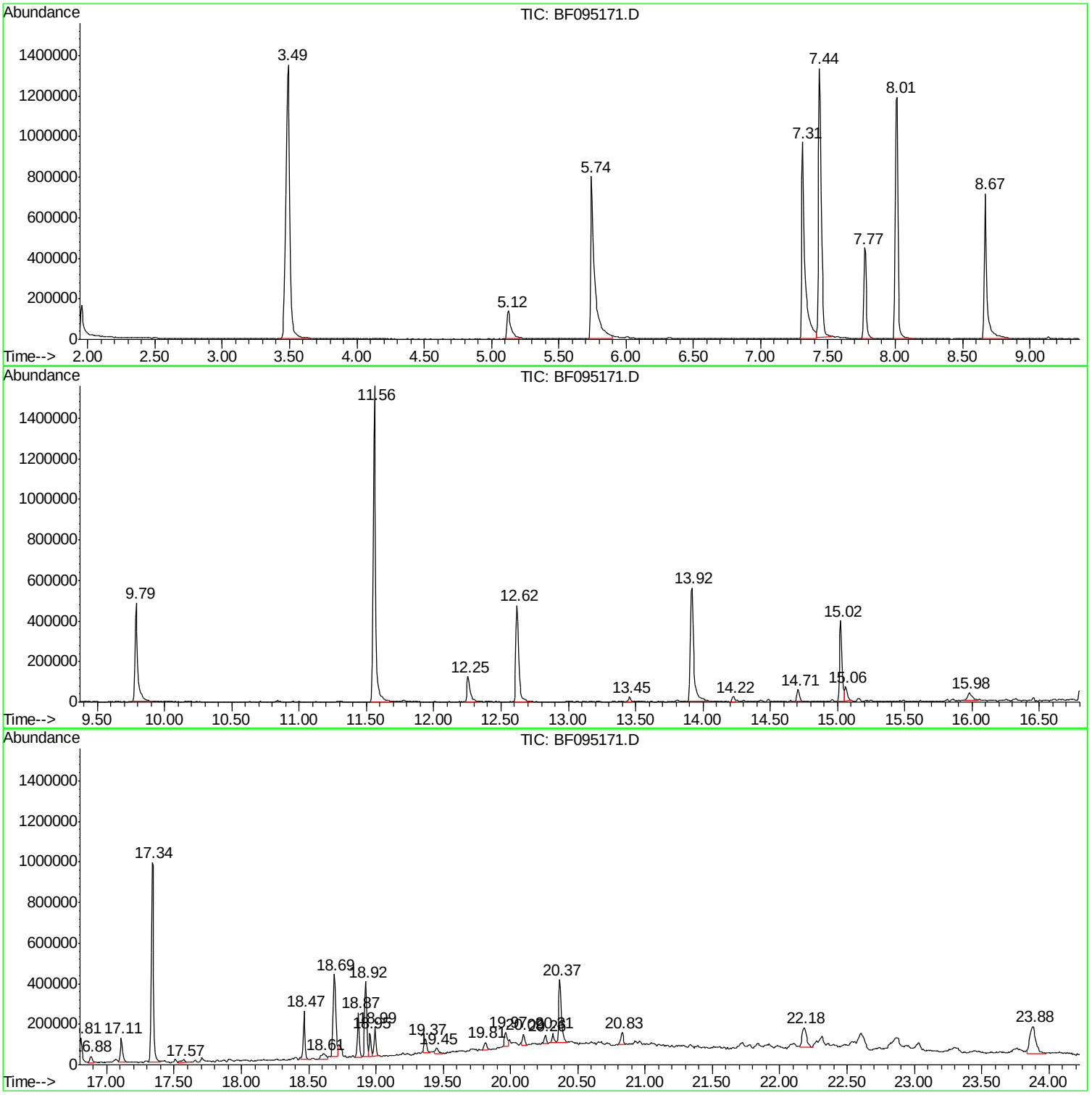
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

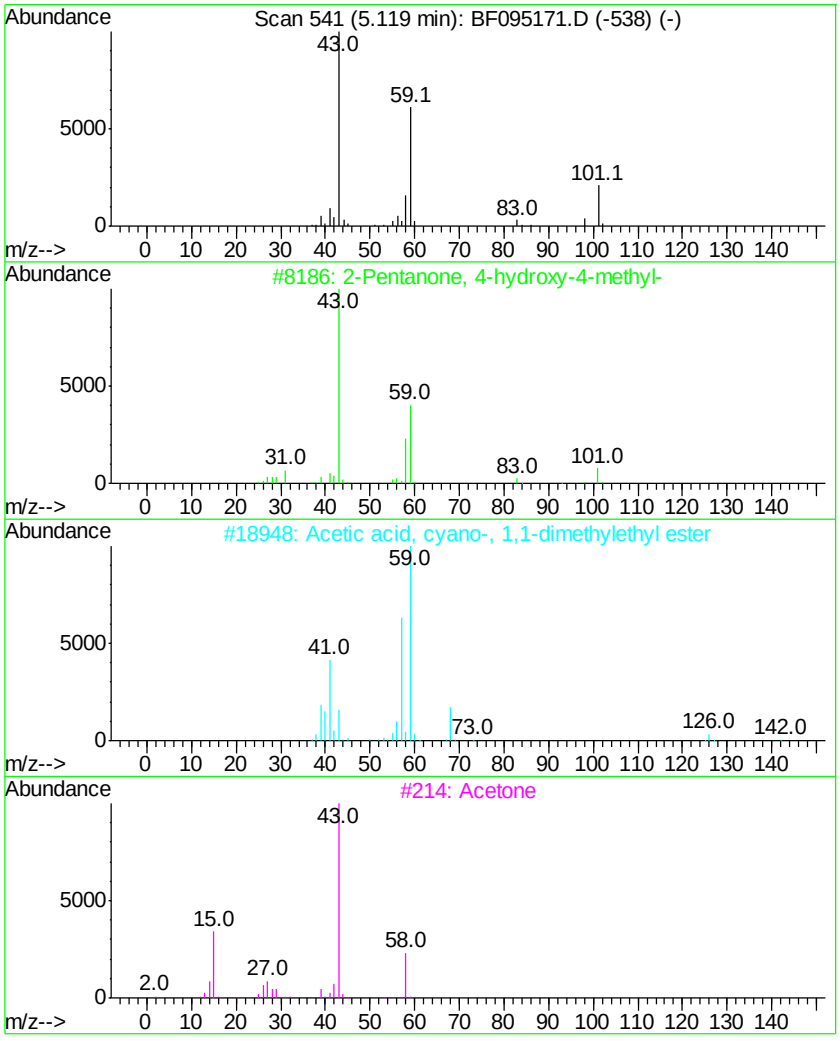
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

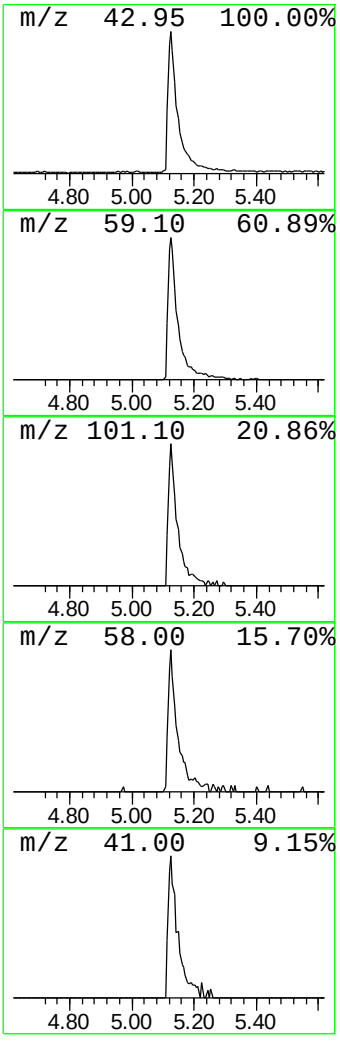
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	10.34 ng	289471	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

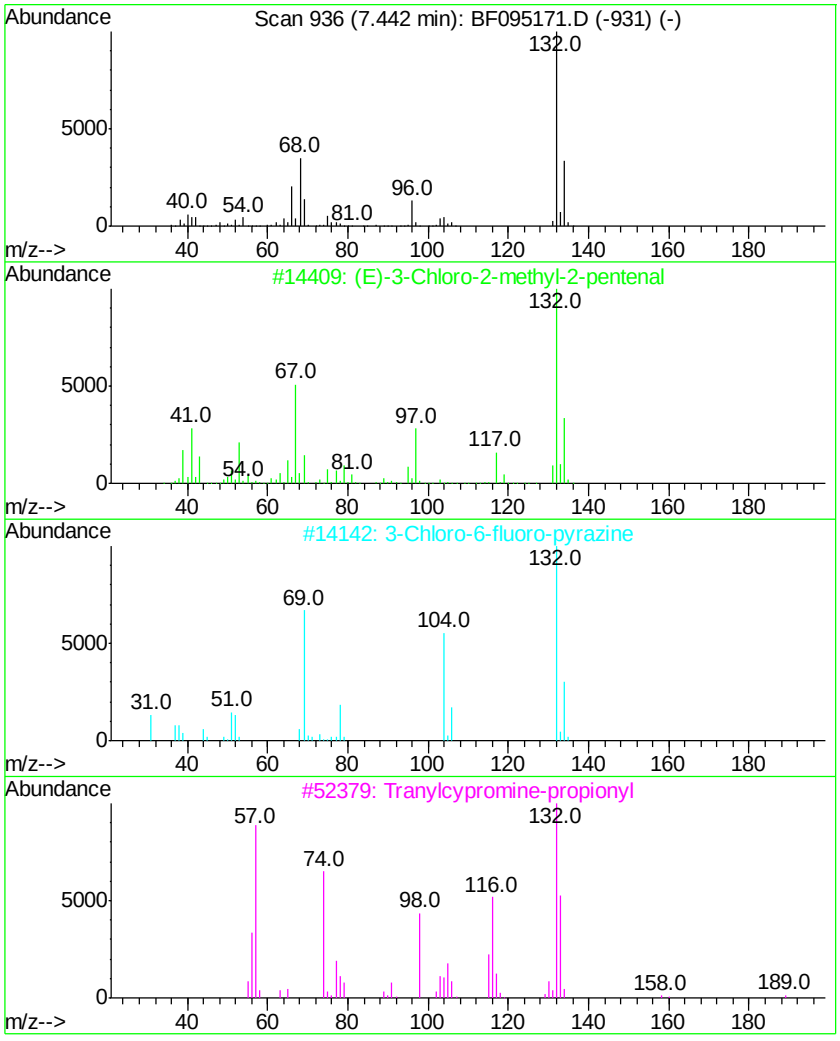
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

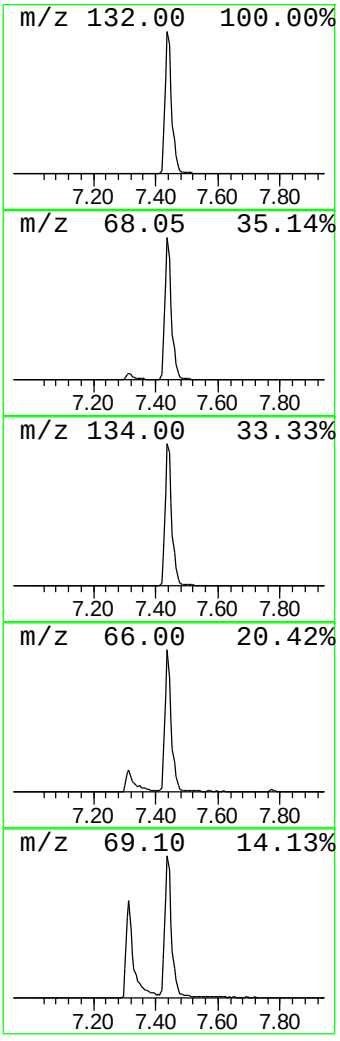
****

Peak Number 3 unknown7.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	70.09 ng	1961780	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

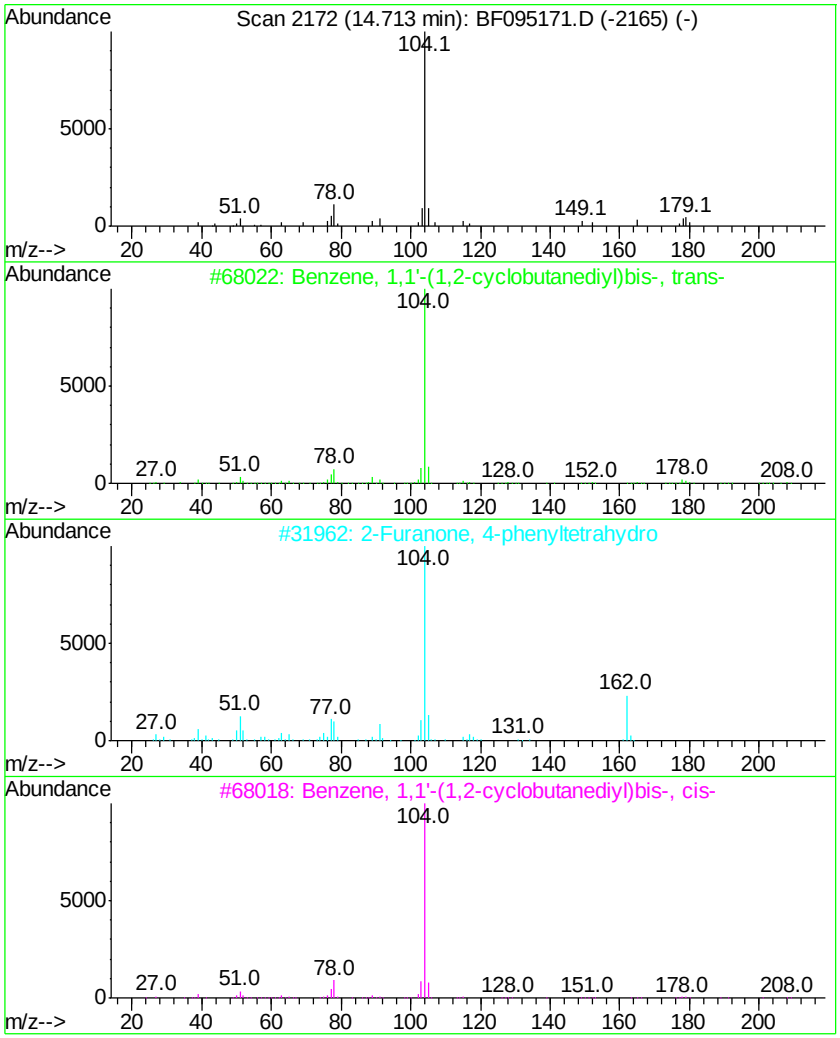
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

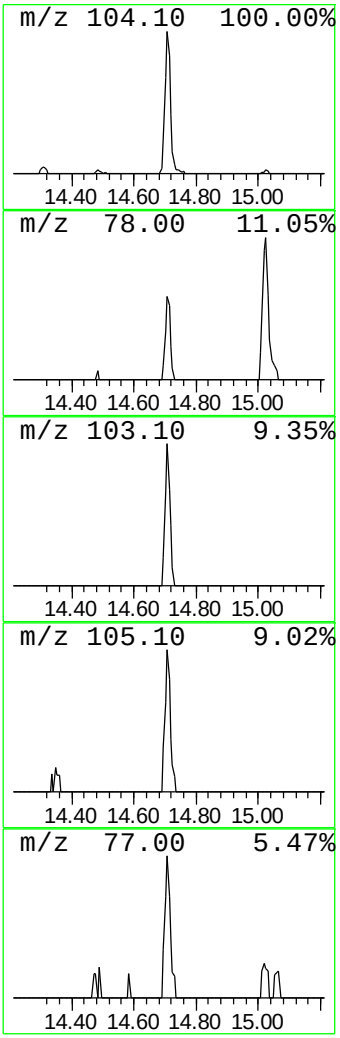
****

Peak Number 5 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.80 ng	71768	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	72
2	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	72
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	72
4	2,6-Pyridinedicarboxylic acid, i...	327	C19H21NO4	1000369-22-3	56
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

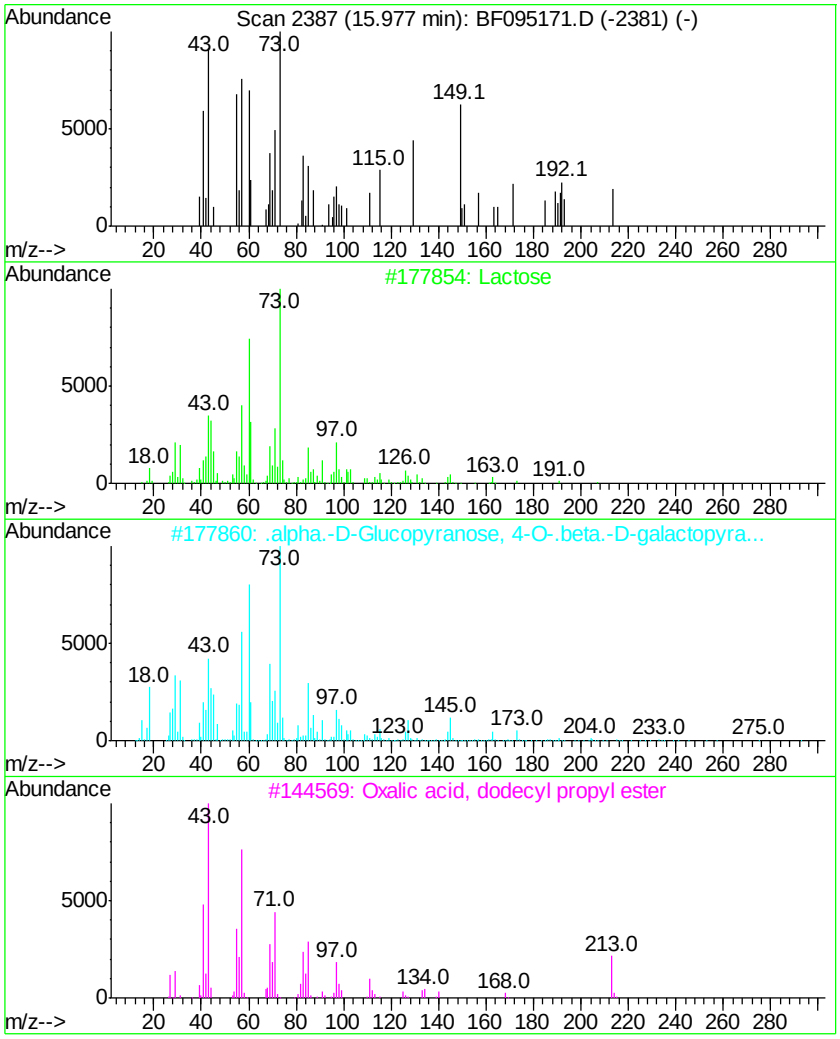
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

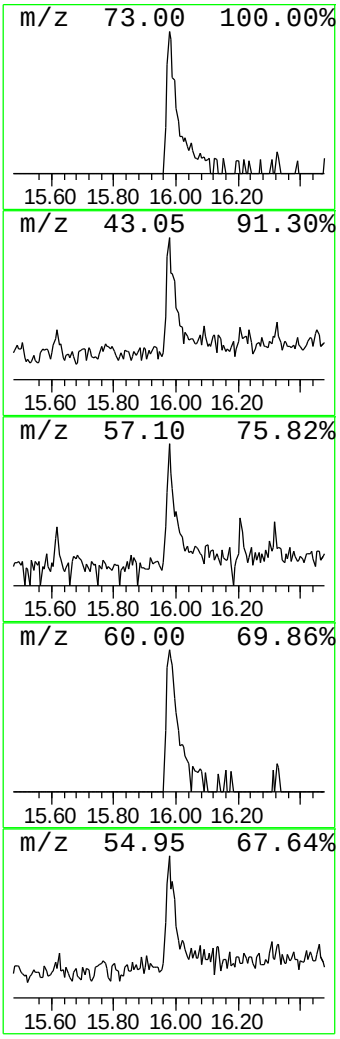
****

Peak Number 6 unknown15.98 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.66 ng	93952	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lactose	342	C12H22O11	000063-42-3	27
2	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	27
3	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	10
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

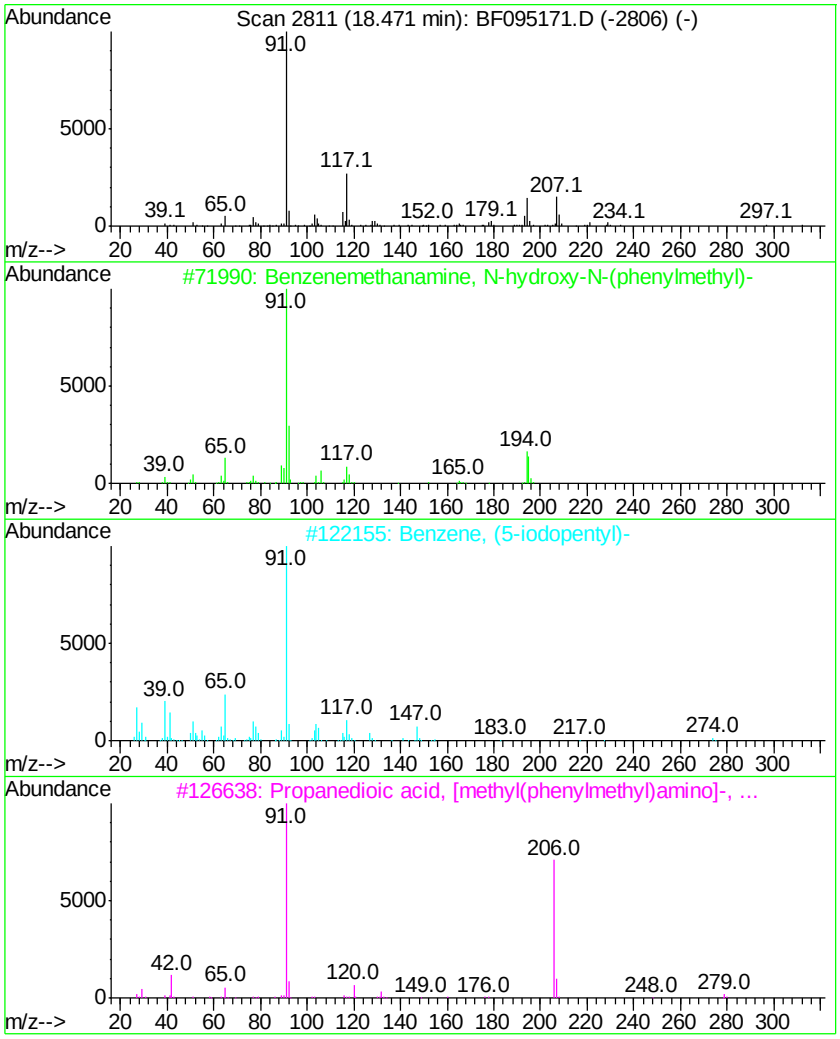
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

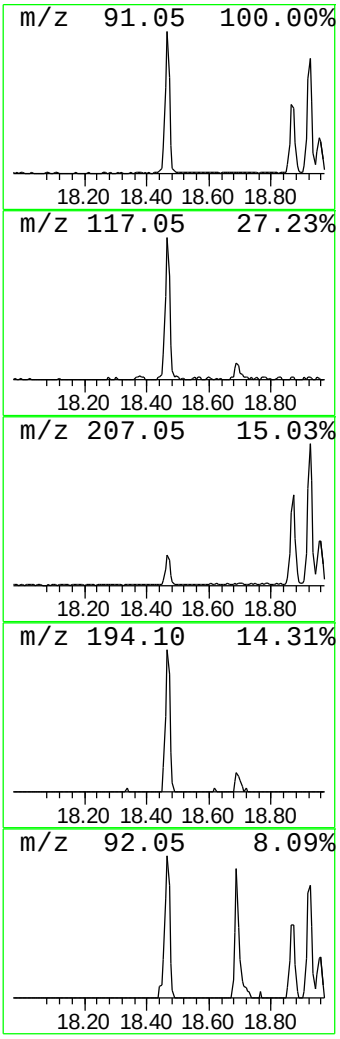
****

Peak Number 7 unknown18.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	8.83 ng	240742	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
2	Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	12
3	Propanedioic acid, [methyl(phenv...	279	C15H21NO4	001032-02-6	12
4	1-O-p-Nitrobenzoyl-2,3,4,6-tetra...	689	C41H39NO9	1000129-84-9	10
5	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

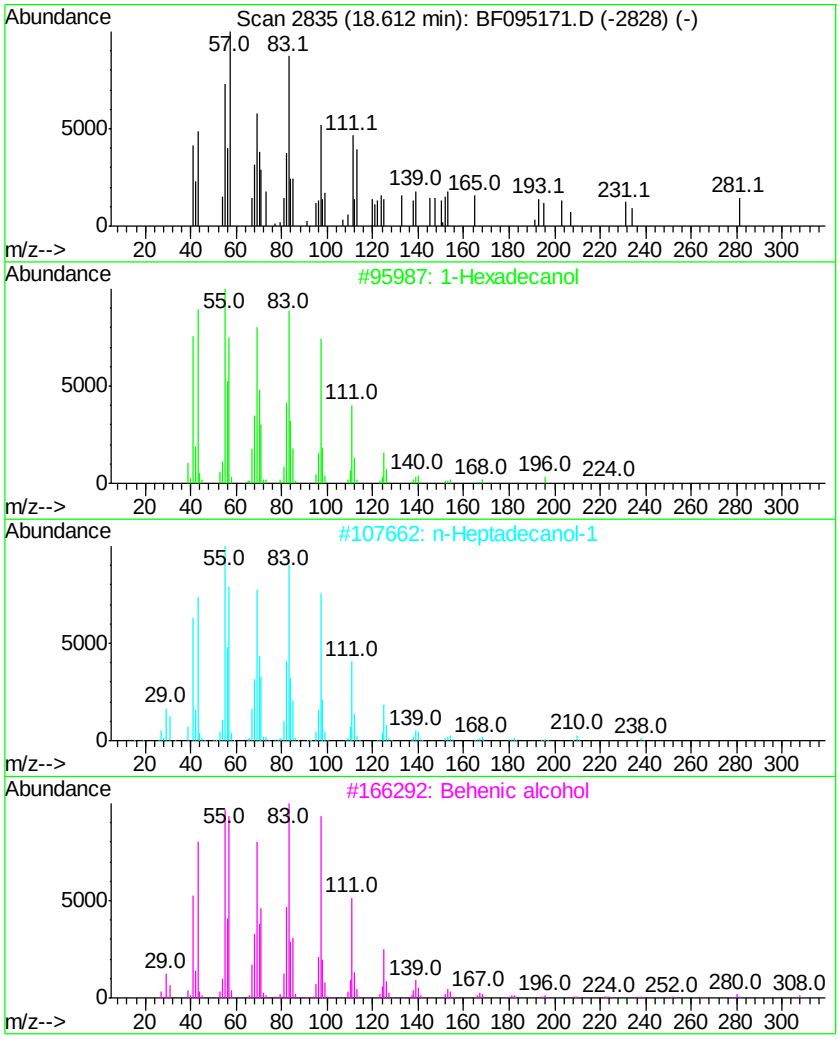
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

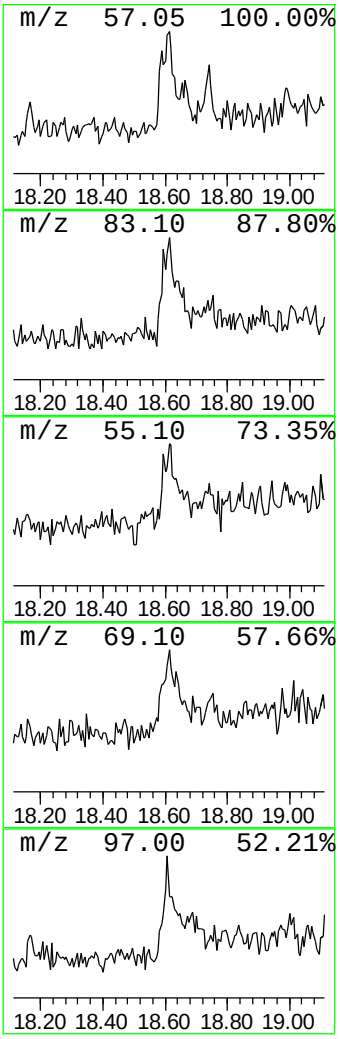
****

Peak Number 8 1-Hexadecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.66 ng	72530	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	70
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	70
3	Behenic alcohol	326	C22H46O	000661-19-8	62
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	62
5	1-Octadecanol	270	C18H38O	000112-92-5	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

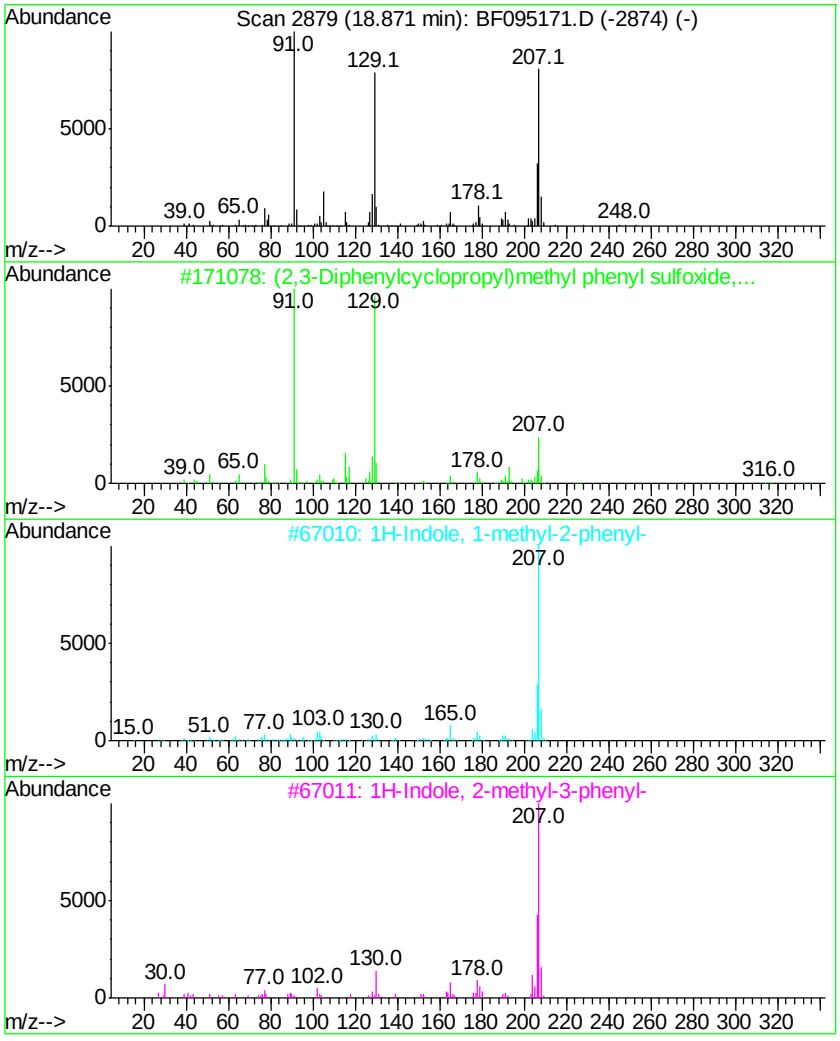
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

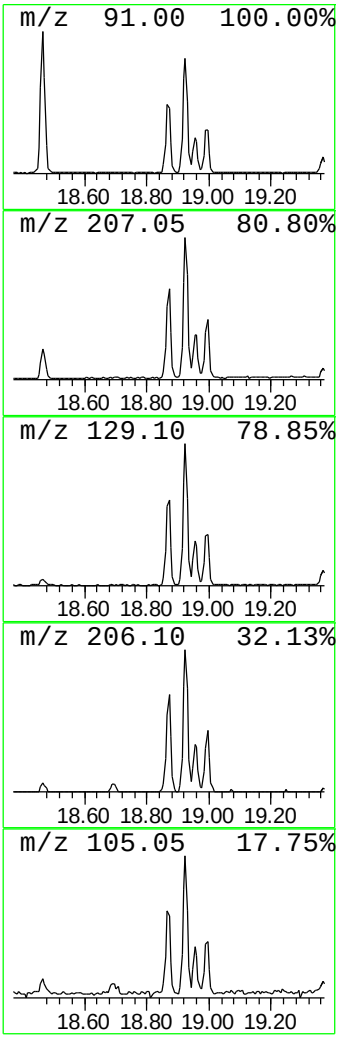
****

Peak Number 9 unknown18.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	8.88 ng	242154	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	47
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	42
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

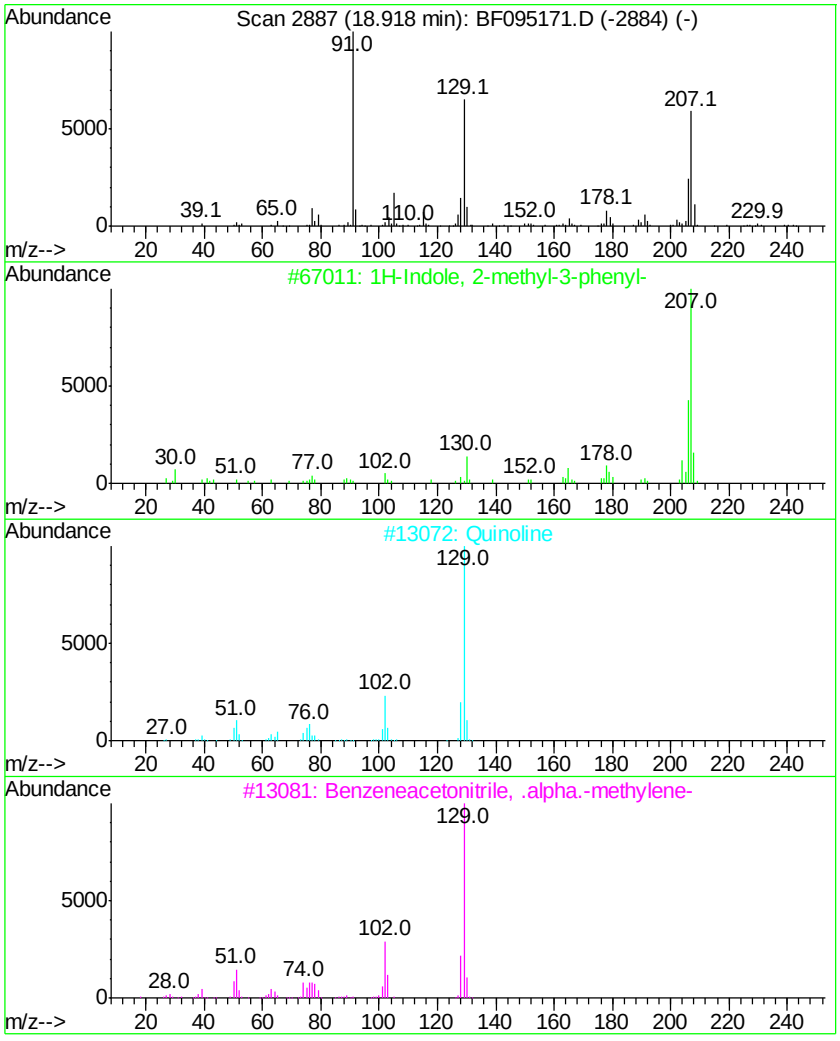
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

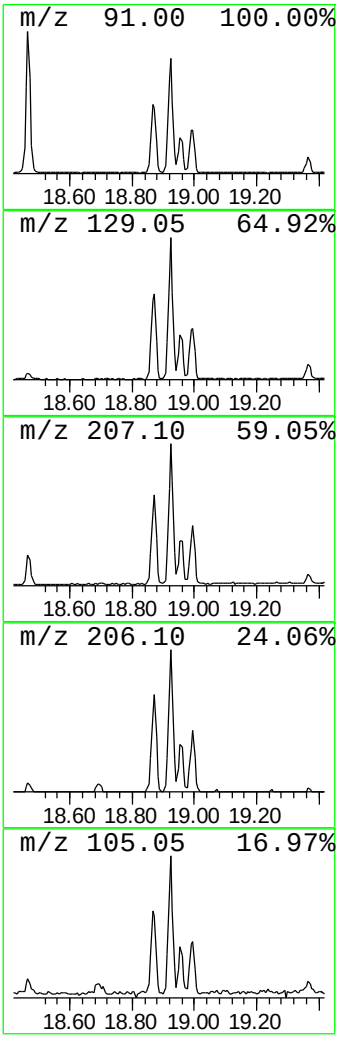
****

Peak Number 10 unknown18.92 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	14.20 ng	387237	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
2	Quinoline	129	C9H7N	000091-22-5	35
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	35
4	1,2-Naphthalenedione, 4-chloro-	192	C10H5ClO2	006655-90-9	27
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

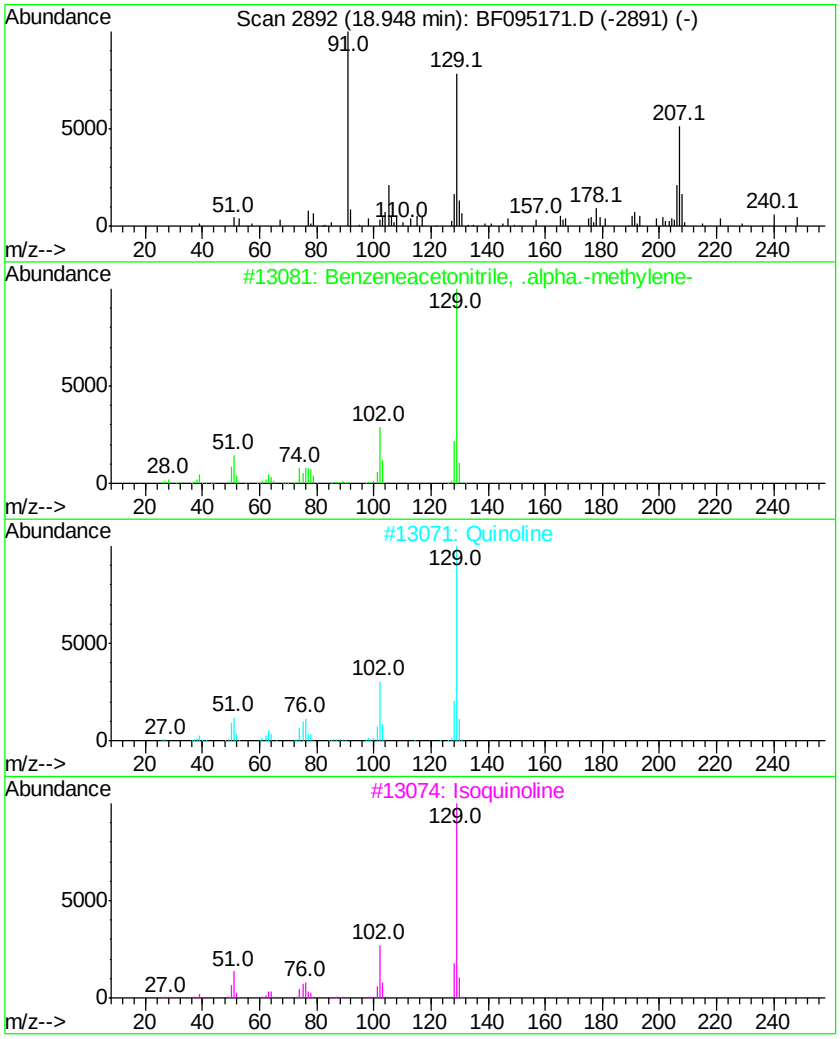
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

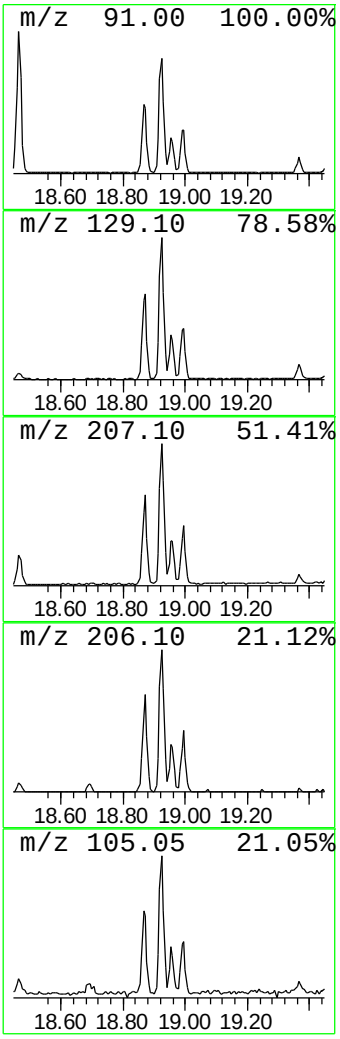
****

Peak Number 11 unknown18.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	4.42 ng	120447	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	38
2	Quinoline	129	C9H7N	000091-22-5	35
3	Isoquinoline	129	C9H7N	000119-65-3	35
4	Quinoline-8-carboxylic acid	173	C10H7NO2	000086-59-9	35
5	Cyclopropene, 2,3-dimethyl-3-phe...	144	C11H12	1000162-49-5	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

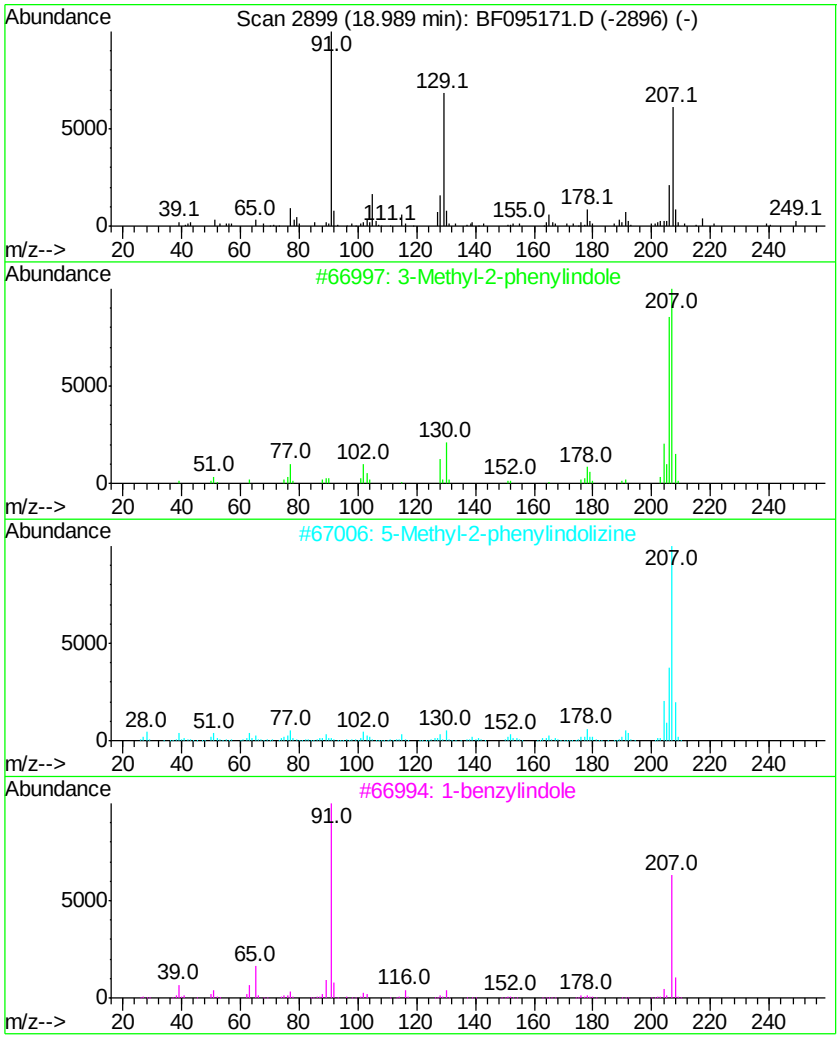
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

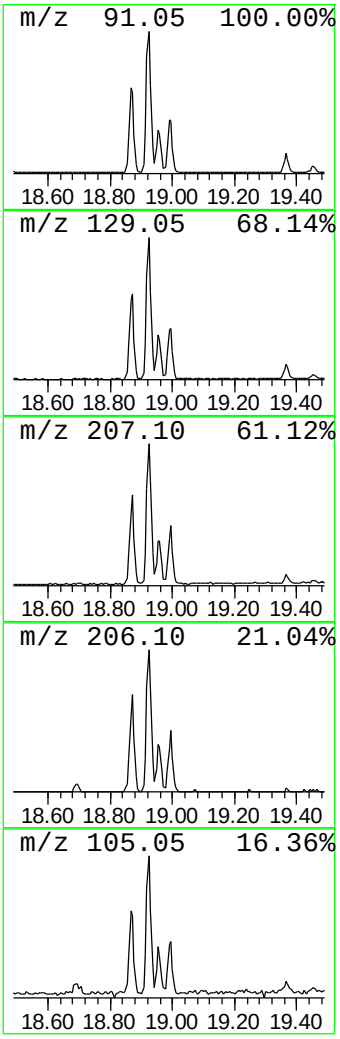
****

Peak Number 12 3-Methyl-2-phenylindole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.84 ng	159268	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	50
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	49
3	1-benzylindole	207	C15H13N	1000334-31-3	46
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

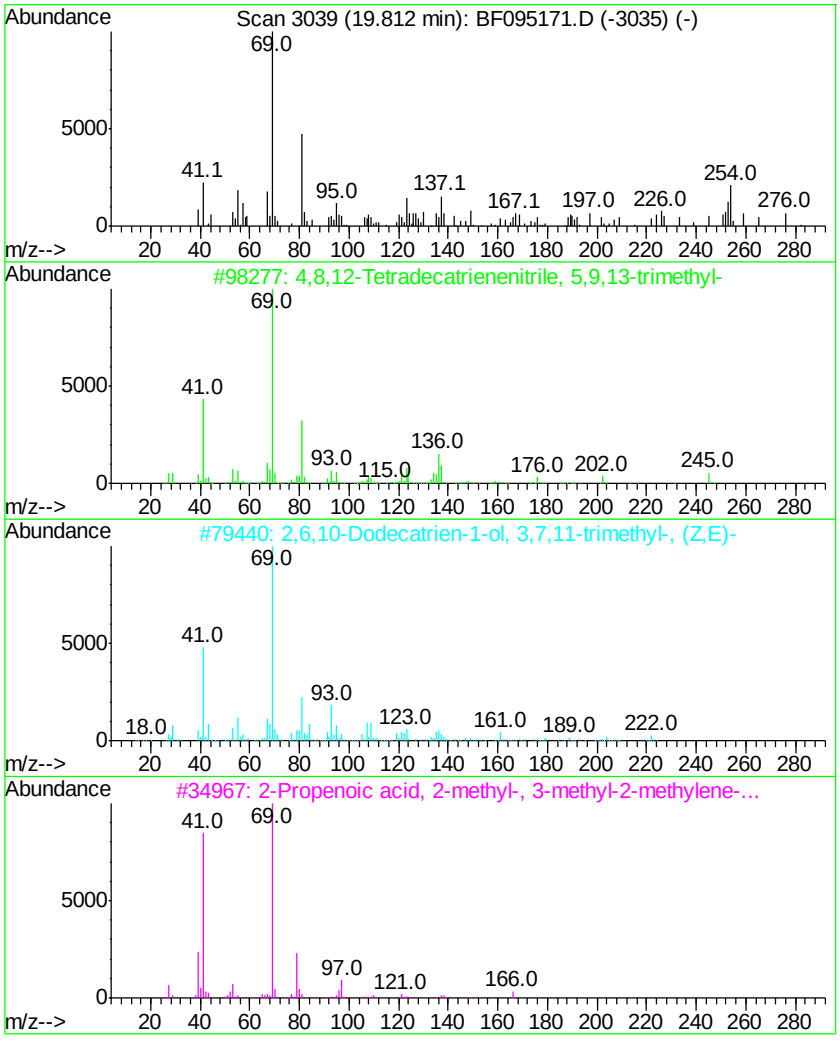
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

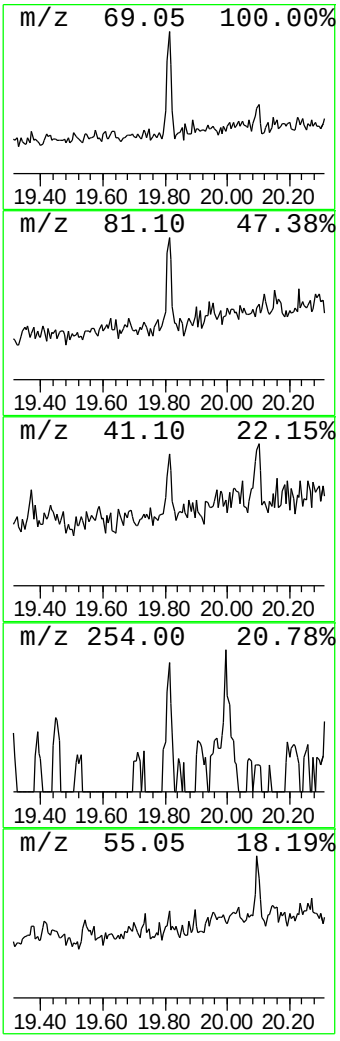
****

Peak Number 14 4,8,12-Tetradecatrienenitri... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.35 ng	49194	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	55
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	46
3	2-Propenoic acid, 2-methyl-, 3-m...	166	C10H14O2	076003-37-7	43
4	Cyclopropanecarboxylic acid, und...	238	C15H26O2	1000299-38-1	43
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

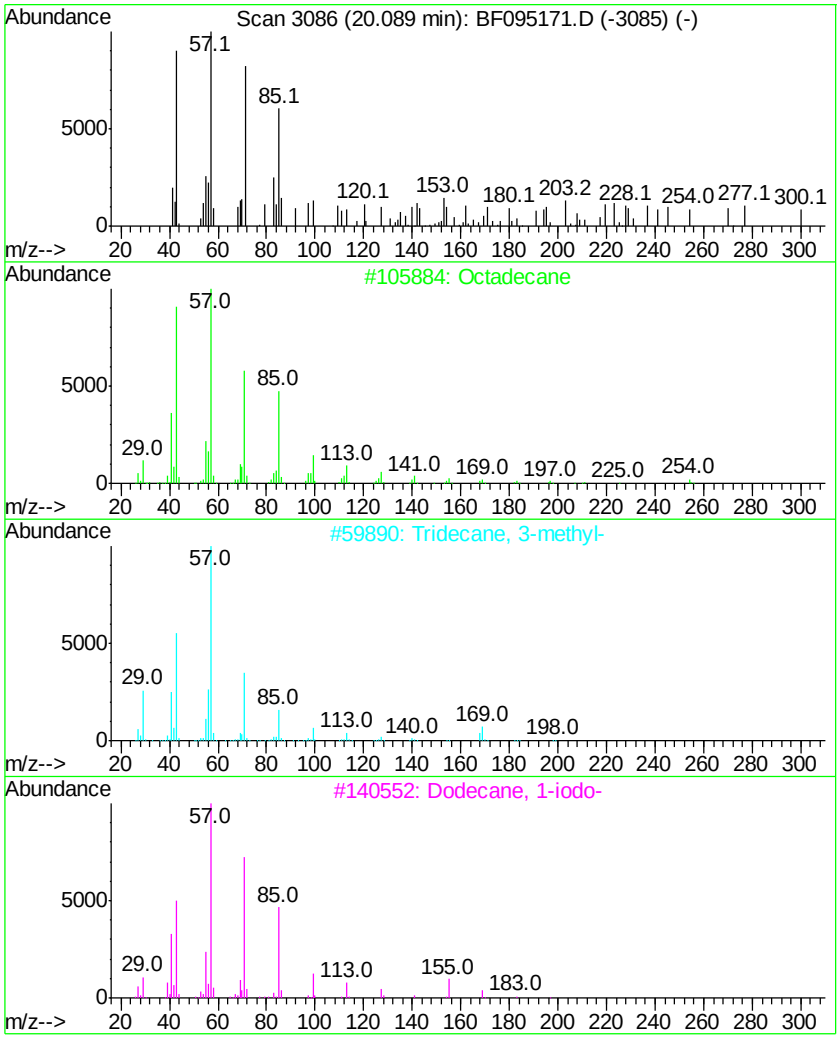
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

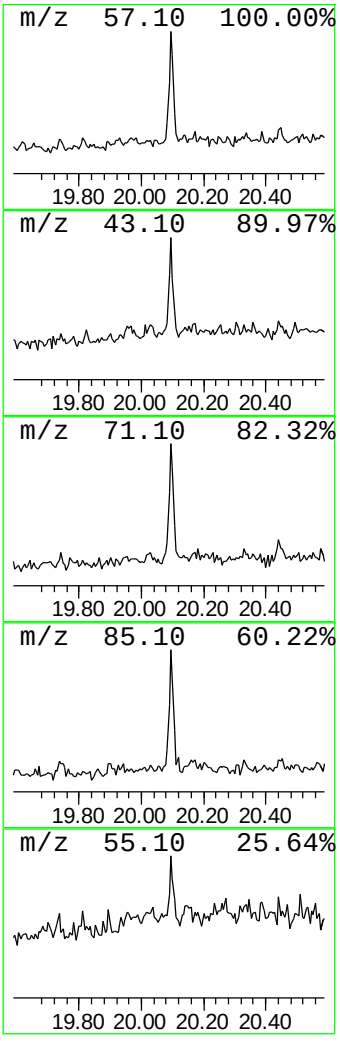
****

Peak Number 15 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.64 ng	55188	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	76
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	49
5	Octacosane	394	C28H58	000630-02-4	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

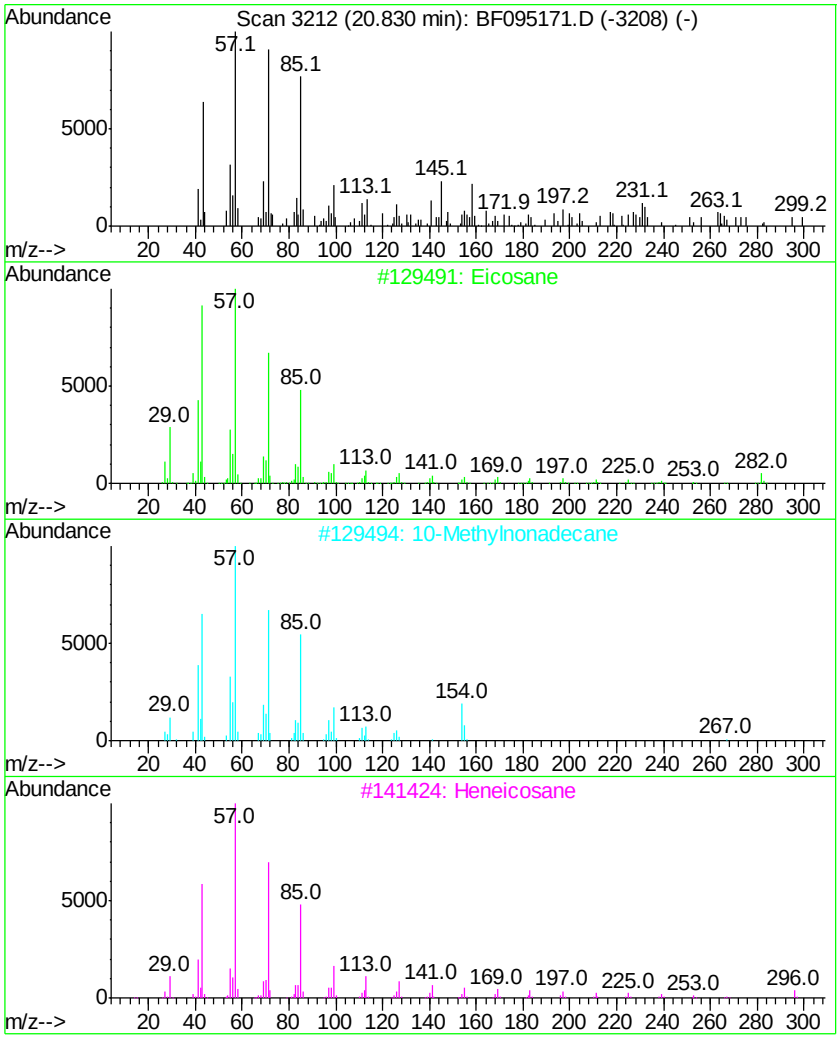
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

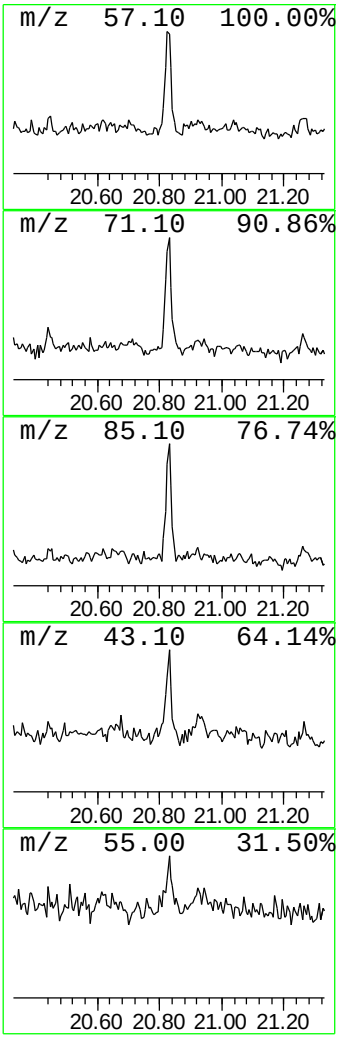
****

Peak Number 16 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.42 ng	71437	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	62
3	Heneicosane	296	C21H44	000629-94-7	58
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
5	Octadecane	254	C18H38	000593-45-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

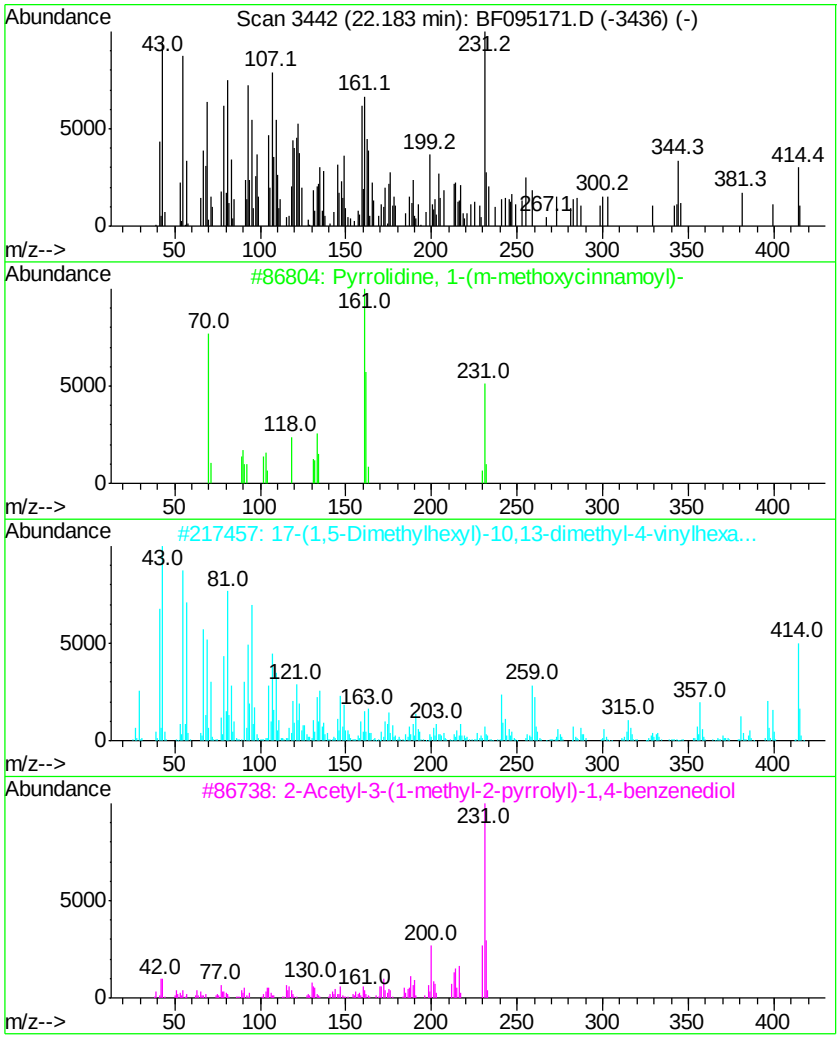
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

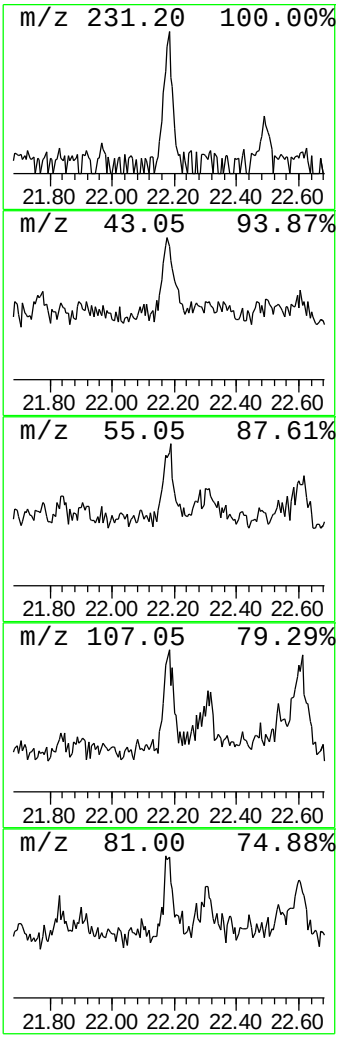
****

Peak Number 17 unknown22.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	10.72 ng	224153	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine, 1-(m-methoxycinnamo...	231	C14H17NO2	029647-01-6	22
2	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	18
3	2-Acetyl-3-(1-methyl-2-pyrrolyl)...	231	C13H13NO3	1000326-75-5	18
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	15
5	Resorcinol, 4-[(2-hydroxy-3-pyri...	231	C11H9N3O3	021269-87-4	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

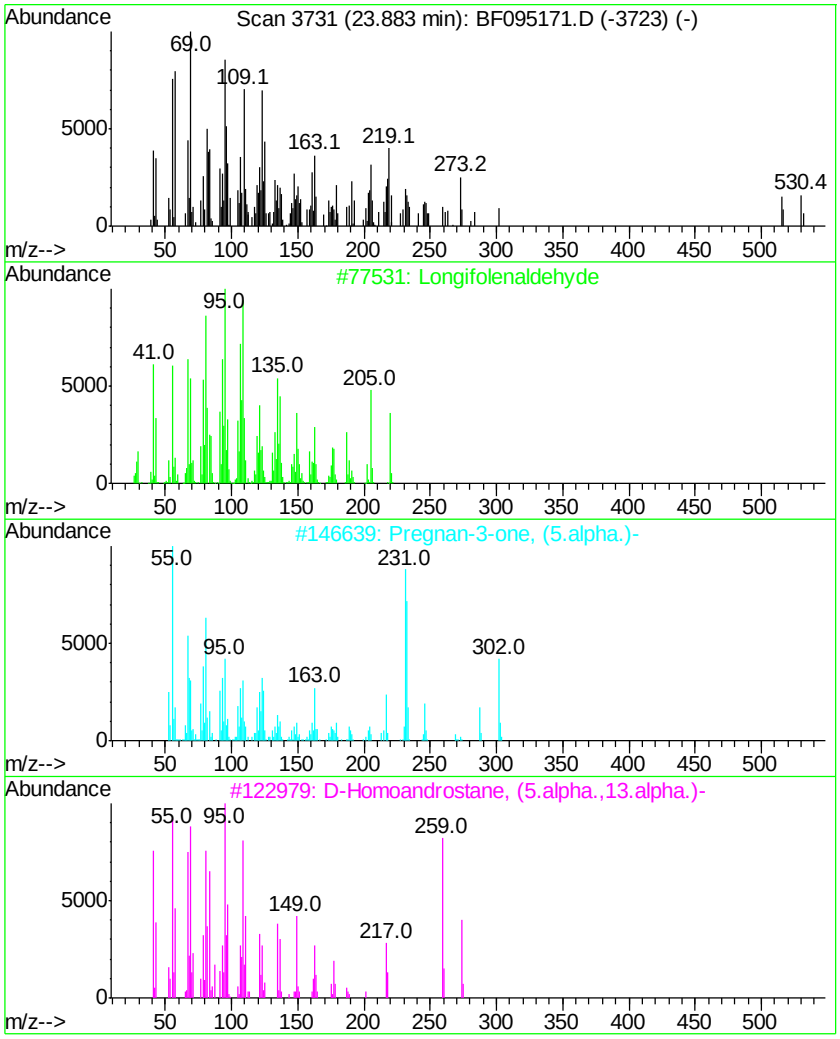
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

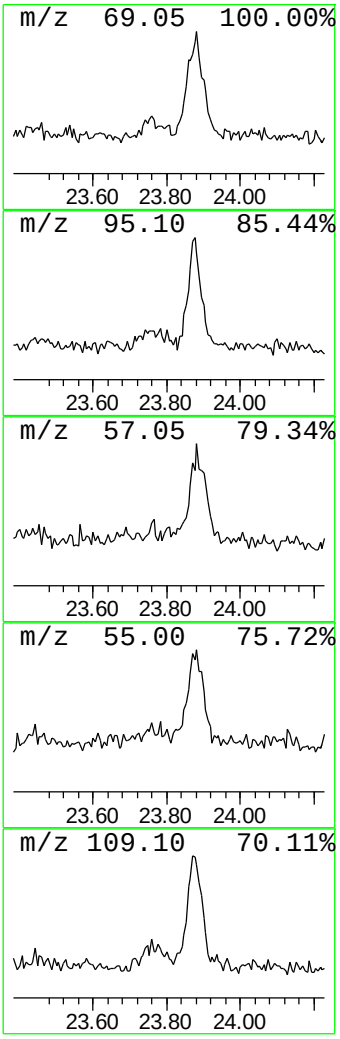
****

Peak Number 18 unknown23.88 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	19.66 ng	411234	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolenaldehyde	220	C15H24O	019890-84-7	44
2	Pregnan-3-one, (5.alpha.)-	302	C21H34O	014778-11-1	37
3	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	35
4	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	35
5	3-(4-Fluoro-benzoyl)-2-p-tolyl-t...	345	C18H16FNO3S	1000300-65-3	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095171.D
Acq On : 16 May 2017 23:11
Operator : SJ/MA
Sample : I3167-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HORTICULTURAL-SUB-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	10.3	ng	289471	1	7.77	559781	20.0
unknown7.44	7.44	70.1	ng	1961780	1	7.77	559781	20.0
Benzene, 1,1'-(1,...	14.71	2.8	ng	71768	4	15.02	513428	20.0
unknown15.98	15.98	3.7	ng	93952	4	15.02	513428	20.0
unknown18.47	18.47	8.8	ng	240742	5	18.69	545425	20.0
1-Hexadecanol	18.61	2.7	ng	72530	5	18.69	545425	20.0
unknown18.87	18.87	8.9	ng	242154	5	18.69	545425	20.0
unknown18.92	18.92	14.2	ng	387237	5	18.69	545425	20.0
unknown18.95	18.95	4.4	ng	120447	5	18.69	545425	20.0
3-Methyl-2-phenyl...	18.99	5.8	ng	159268	5	18.69	545425	20.0
4,8,12-Tetradecat...	19.81	2.4	ng	49194	6	20.37	418328	20.0
Octadecane	20.09	2.6	ng	55188	6	20.37	418328	20.0
Eicosane	20.83	3.4	ng	71437	6	20.37	418328	20.0
unknown22.18	22.18	10.7	ng	224153	6	20.37	418328	20.0
unknown23.88	23.88	19.7	ng	411234	6	20.37	418328	20.0