LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090432.D
Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

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-BF100516.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	2.417	5	7	28	rVB3	55992	233665	3.02%	0.223%
2	3.045	59	62	66	rBV	317878	554400	7.18%	0.529%
3	5.194	247	250	258	rVB	1159806	1851148	23.96%	1.767%
4	5.606	283	286	288	rBV	6400596	6709970	86.86%	6.405%
5	6.451	357	360	362	rBV	216059	185811	2.41%	0.177%
6	6.623	372	375	377	rVB	6260273	6913928	89.50%	6.600%
7	6.760	384	387	390	rBV	5429827	7337795	94.99%	7.005%
8	7.000	405	408	410	rBV	972540	1334360	17.27%	1.274%
9	7.149	419	421	424	rVB	4015996	5444006	70.47%	5.197%
10	7.560	454	457	459	rBV	4612104	4742579	61.39%	4.527%
11	7.640	461	464	466	rVB	63286	86390	1.12%	0.082%
12	8.029	497	498	500	rVB	121202	85836	1.11%	0.082%
13	8.280	518	520	523	rBV	2111377	1828824	23.67%	1.746%
14	9.366	612	615	617	rBV	8149017	7724933	100.00%	7.374%
15	9.755	647	649	651	rBV	2375512	1898387	24.57%	1.812%
16	10.040	672	674	676	rBV	2078774	1911736	24.75%	1.825%
17	10.829	741	743	746	rBV2	3250611	4400906	56.97%	4.201%
18	10.955	751	754	758	rVB	96103	167148	2.16%	0.160%
19	11.046	758	762	763	rBV	107550	111232	1.44%	0.106%
20	11.400	790	793	794	rBV	133424	160169	2.07%	0.153%
21	11.480	797	800	802	rBV	109410	198272	2.57%	0.189%
22	11.538	802	805	808	rVV	1396292	2442543	31.62%	2.332%
23	11.583	808	809	812	rVB2	118906	173867	2.25%	0.166%
24	11.755	822	824	829	rBV2	144897	231503	3.00%	0.221%
25	11.823	829	830	832	rVV	108483	119623	1.55%	0.114%
26	11.903	835	837	842	rVB3	65439	126101	1.63%	0.120%
27	11.983	842	844	846	rBV	144703	210776	2.73%	0.201%
28	12.029	846	848	849	rVV2	178460	303993	3.94%	0.290%
29	12.063	849	851	853	rVV	1319906	1380514	17.87%	1.318%
30	12.143	857	858	862	rVV	132438	229507	2.97%	0.219%
31	12.235	864	866	871	rVV	420275	444147	5.75%	0.424%
32	12.326	871	874	875	rVV2	83511	150997	1.95%	0.144%
33	12.349	875	876	878	rVB	113782	101799	1.32%	0.097%
34	12.486	884	888	889	rVB3	43895	86979	1.13%	0.083%

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Sample : H5110-03
Misc :
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Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.623	898	900	903	rBV4	60024	103885	1.34%	0.099%
36	12.681	903	905	909	rBV2	197941	259838	3.36%	0.248%
37	12.749	909	911	918	rBV	1791871	1892094	24.49%	1.806%
38	12.841	918	919	923	rVV2	283359	490326	6.35%	0.468%
39	12.978	927	931	934	rVV	1297878	1428239	18.49%	1.363%
40	13.126	941	944	946	rVB	5422747	4717124	61.06%	4.503%
41	13.195	946	950	954	rVB3	67832	159512	2.06%	0.152%
42	13.309	954	960	961	rBV2	151091	252372	3.27%	0.241%
43	13.355	961	964	965	rBV3	34927	84432	1.09%	0.081%
44	13.412	967	969	970	rBV	114720	119397	1.55%	0.114%
45	13.561	978	982	987	rVB5	155381	394060	5.10%	0.376%
46	13.812	1002	1004	1007	rBV	142801	146612	1.90%	0.140%
47	13.926	1012	1014	1016	rBV	134760	206743	2.68%	0.197%
48	13.984	1016	1019	1021	rVV4	118582	279337	3.62%	0.267%
49	14.018	1021	1022	1026	rVB	448714	606201	7.85%	0.579%
50	14.109	1028	1030	1032	rVB3	52227	78208	1.01%	0.075%
51	14.178	1033	1036	1041	rVB2	1452948	2628249	34.02%	2.509%
52	14.567	1068	1070	1072	rBV	92980	129226	1.67%	0.123%
53	14.601	1072	1073	1075	rVB	101423	84071	1.09%	0.080%
54	14.658	1075	1078	1080	rBV	582931	630978	8.17%	0.602%
55	14.875	1095	1097	1099	rBV2	70342	101813	1.32%	0.097%
56	14.978	1103	1106	1110	rVV3	47194	122670	1.59%	0.117%
57	15.058	1110	1113	1118	rVB	367864	461511	5.97%	0.441%
58	15.241	1126	1129	1134	rBV	718710	1396018	18.07%	1.333%
59	15.332	1134	1137	1142	rVB2	966909	1748248	22.63%	1.669%
60	15.447	1145	1147	1150	rBV2	44317	82240	1.06%	0.079%
61	15.549	1154	1156	1159	rBV	336566	470232	6.09%	0.449%
62	15.618	1159	1162	1165	rVB	545956	691072	8.95%	0.660%
63	15.687	1165	1168	1170	rBV	956896	1316994	17.05%	1.257%
64	16.064	1198	1201	1205	rBV	128954	216024	2.80%	0.206%
65	16.178	1208	1211	1214	rBV	938868	1506979	19.51%	1.439%
66	16.235	1214	1216	1220	rVB2	144575	284106	3.68%	0.271%
67	16.464	1233	1236	1240	rVB	201179	411485	5.33%	0.393%
68	16.612	1246	1249	1253	rVB4	77396	180819	2.34%	0.173%
69	17.012	1281	1284	1288	rBV3	62883	167601	2.17%	0.160%
70	17.195	1296	1300	1303	rBV2	263664	648480	8.39%	0.619%
71	17.264	1304	1306	1309	rVB3	114807	236650	3.06%	0.226%

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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.333	1309	1312	1315	rBV	166148	361426	4.68%	0.345%
73	17.401	1315	1318	1320	rBV3	107078	279990	3.62%	0.267%
74	17.584	1331	1334	1337	rVB2	171750	332632	4.31%	0.318%
75	17.641	1337	1339	1348	rVB	201324	573469	7.42%	0.547%
76	17.835	1351	1356	1358	rBV	1133627	2861469	37.04%	2.732%
77	17.881	1358	1360	1369	rVB4	820567	2225029	28.80%	2.124%
78	18.064	1369	1376	1380	rBV2	280356	867673	11.23%	0.828%
79	18.178	1382	1386	1389	rBV2	173371	491912	6.37%	0.470%
80	18.315	1394	1398	1404	rVV	579334	2041157	26.42%	1.948%
81	18.430	1404	1408	1413	rVV3	627582	1841531	23.84%	1.758%
82	18.510	1413	1415	1418	rVB	81416	148441	1.92%	0.142%
83	18.681	1424	1430	1440	rBV2	1277827	5565772	72.05%	5.313%
84	18.830	1440	1443	1446	rVV	305977	817455	10.58%	0.780%
85	18.898	1446	1449	1456	rVV4	156659	573954	7.43%	0.548%
86	19.013	1456	1459	1464	rVB5	85179	230081	2.98%	0.220%
87	19.253	1471	1480	1483	rBV	217912	927538	12.01%	0.885%

Sum of corrected areas: 104757219

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090432.D
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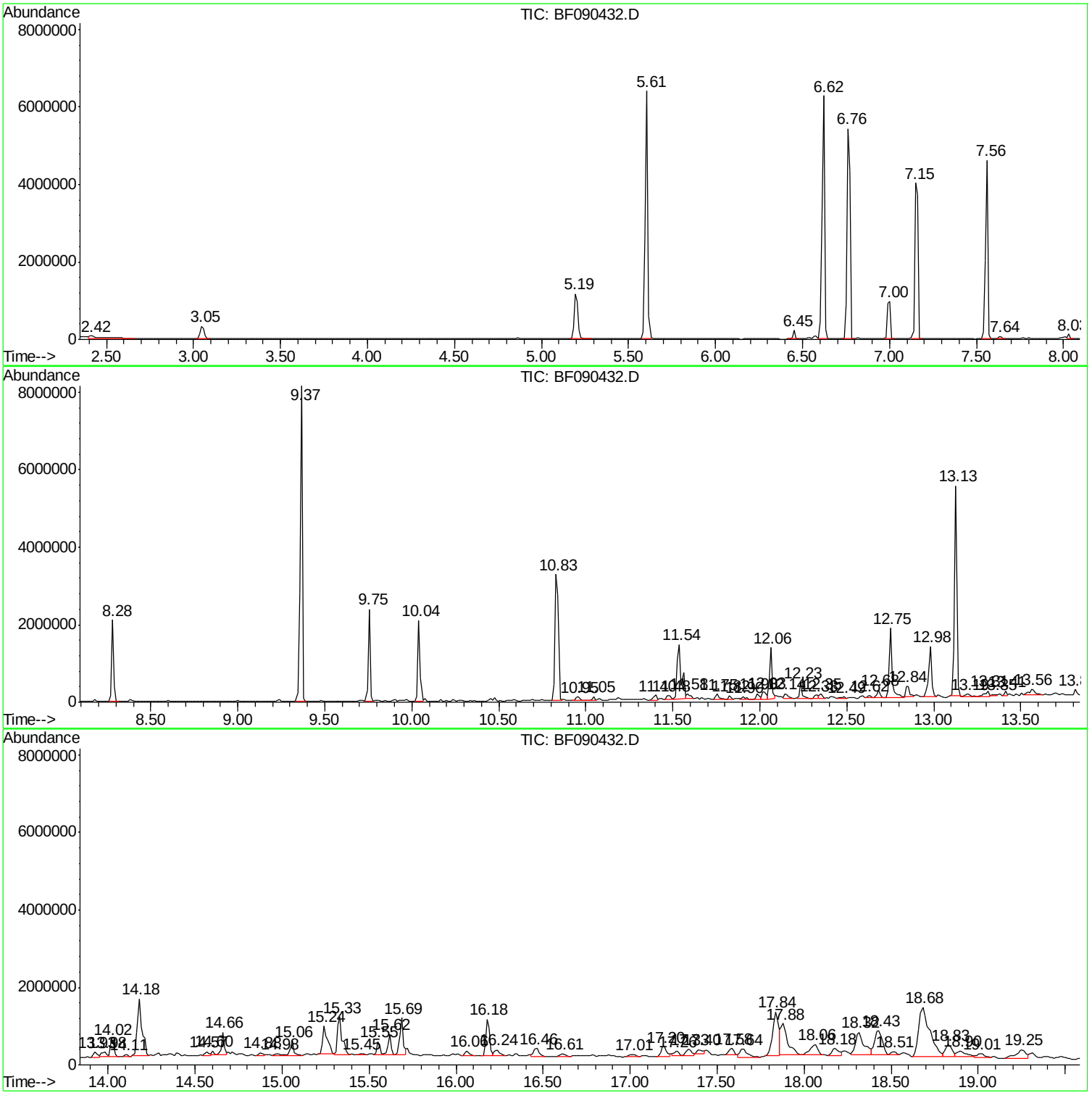
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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\BF100616\
Data File : BF090432.D
Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

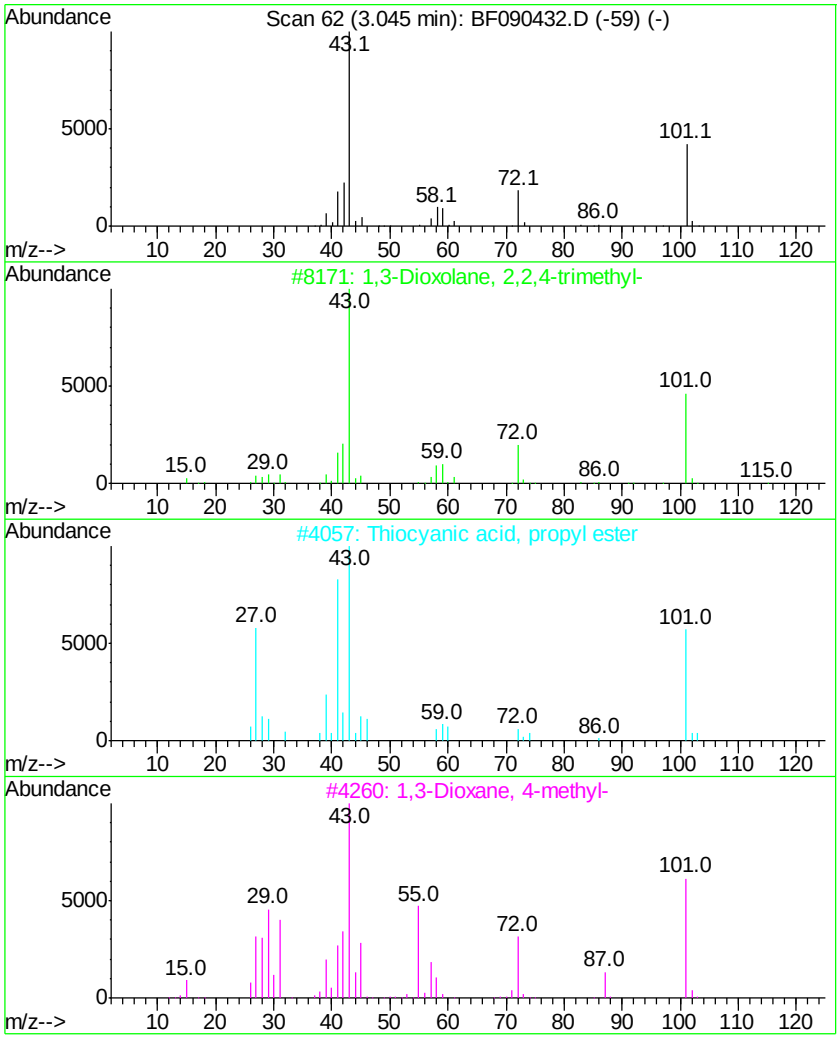
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

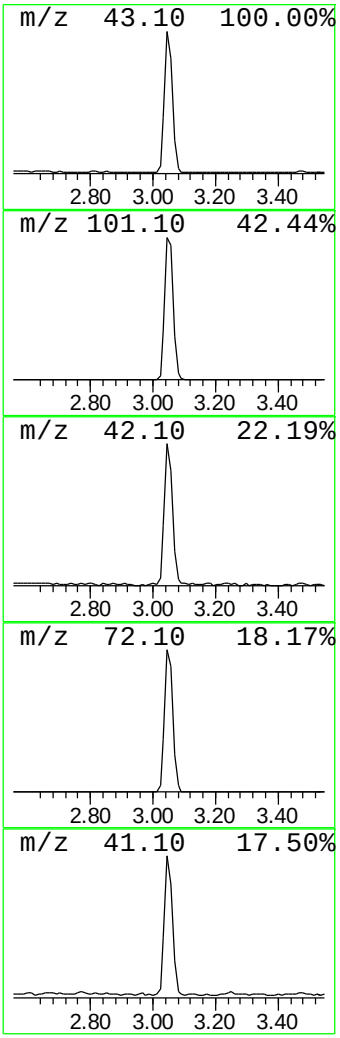
****

Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	8.31 ng	554400	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	53
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	38
4	2-Butanone	72	C4H8O	000078-93-3	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
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Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

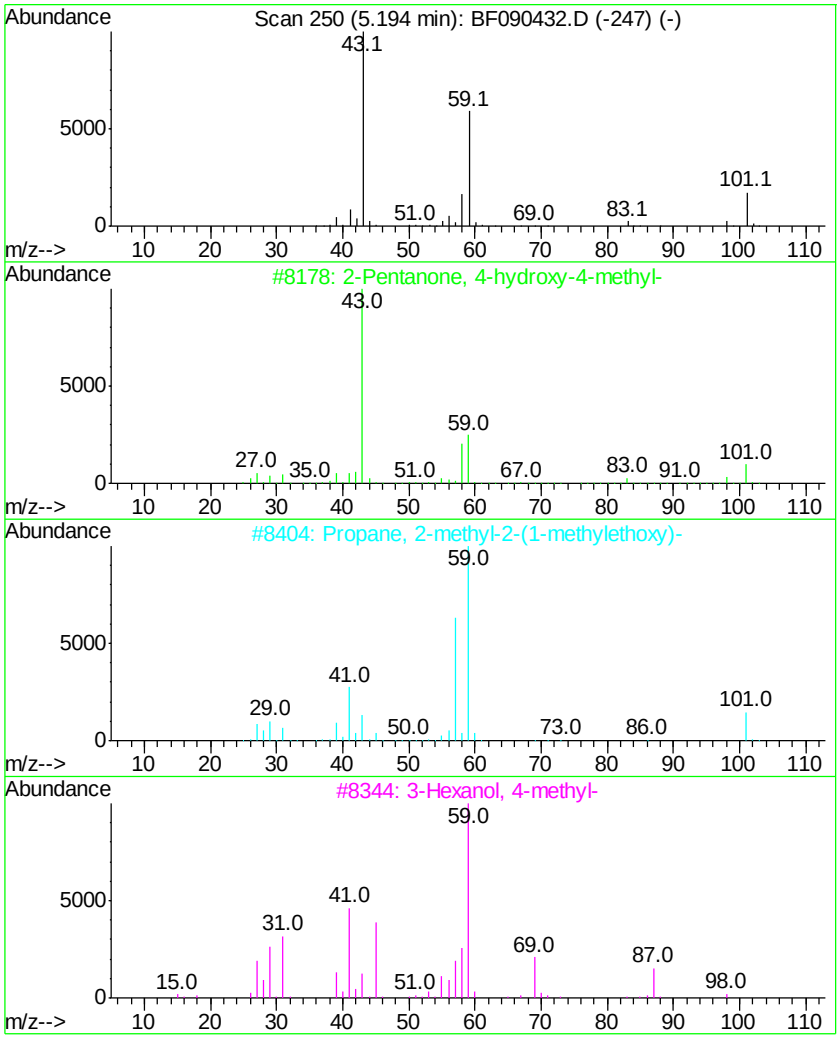
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

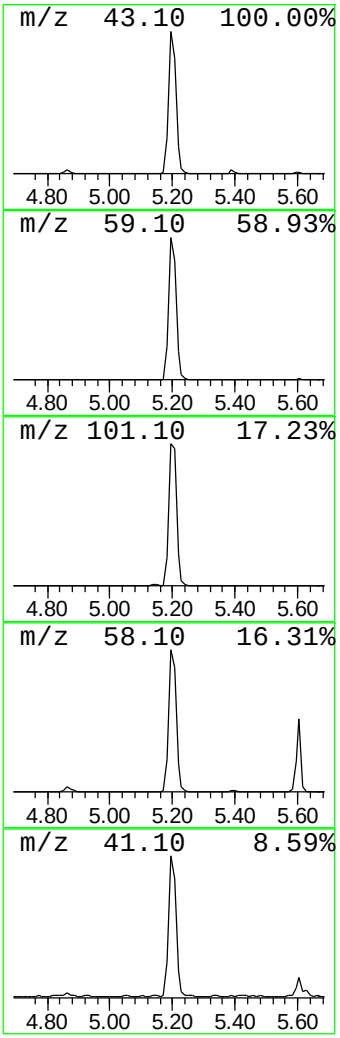
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	27.75 ng	1851150	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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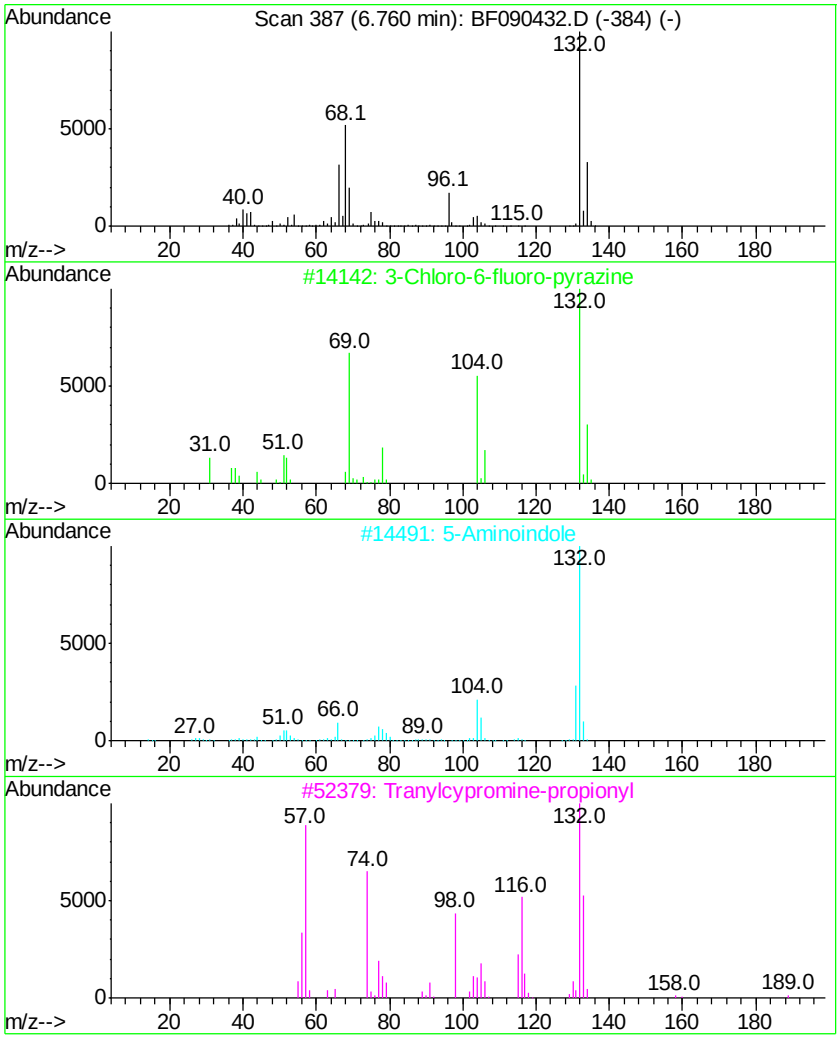
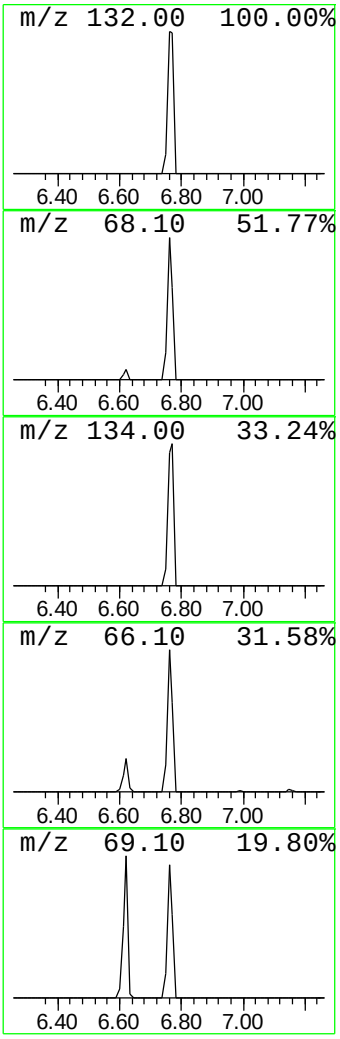
****

Peak Number 3 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	109.98 ng	7337800	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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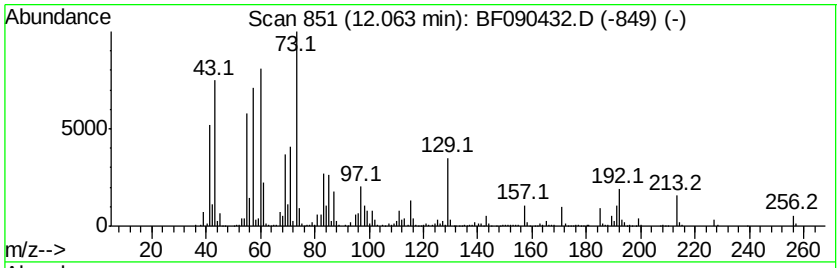
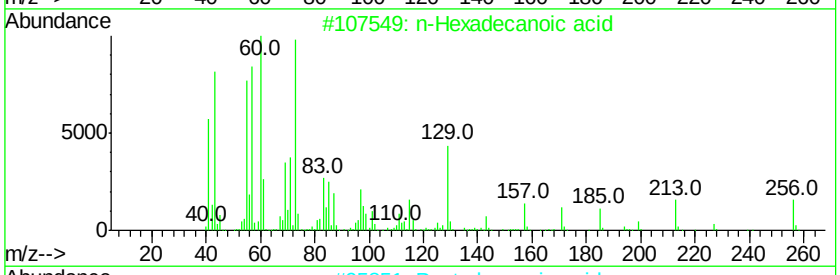
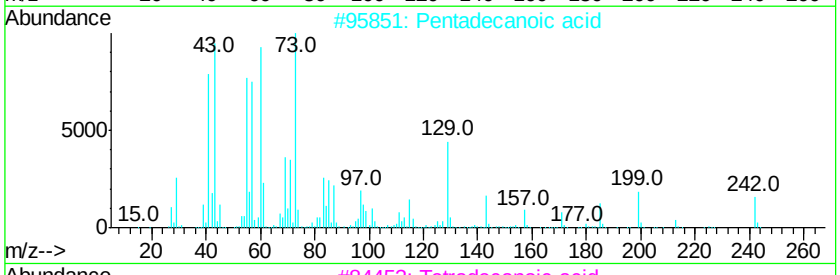
Peak Number 5 n-Hexadecanoic acid Concentration Rank 14

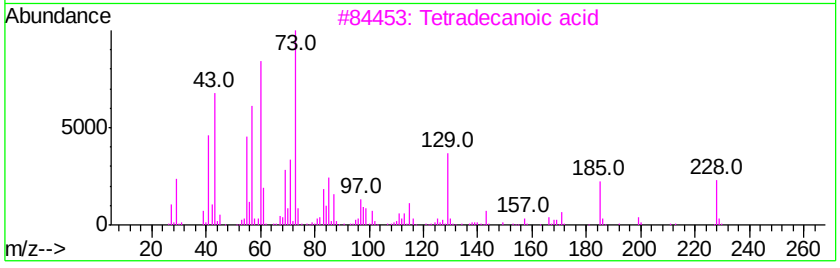
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	11.30 ng	1380510	Phenanthrene-d10	11.54

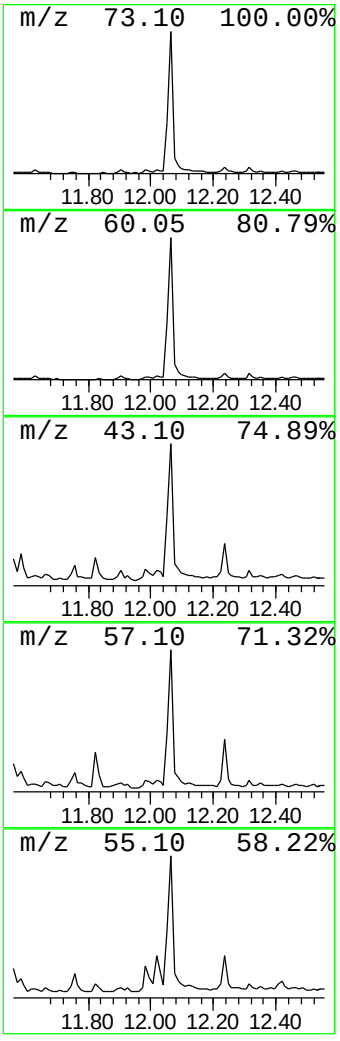
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25











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Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

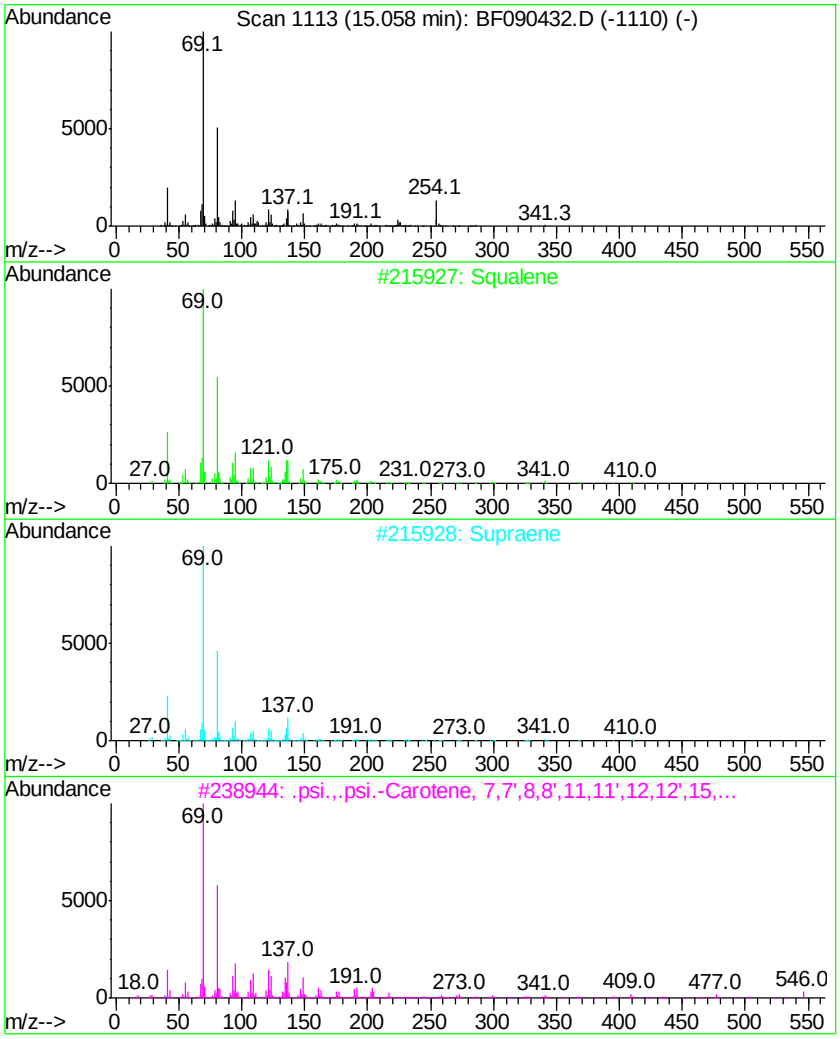
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

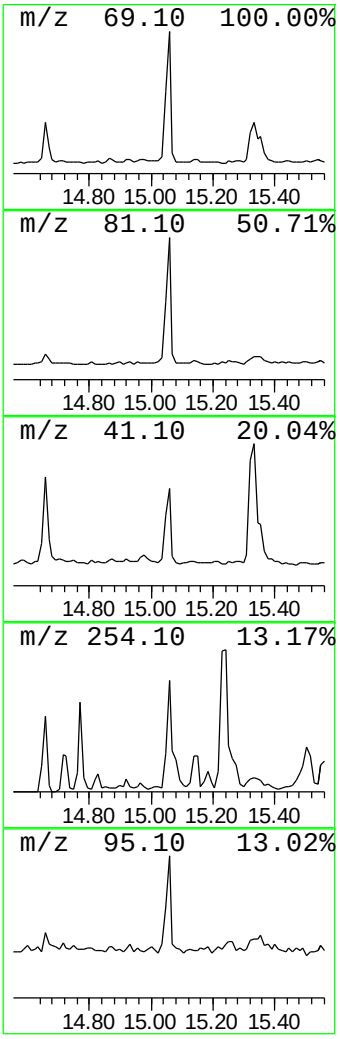
****

Peak Number 6 Squalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	7.01 ng	461511	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	83
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64





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Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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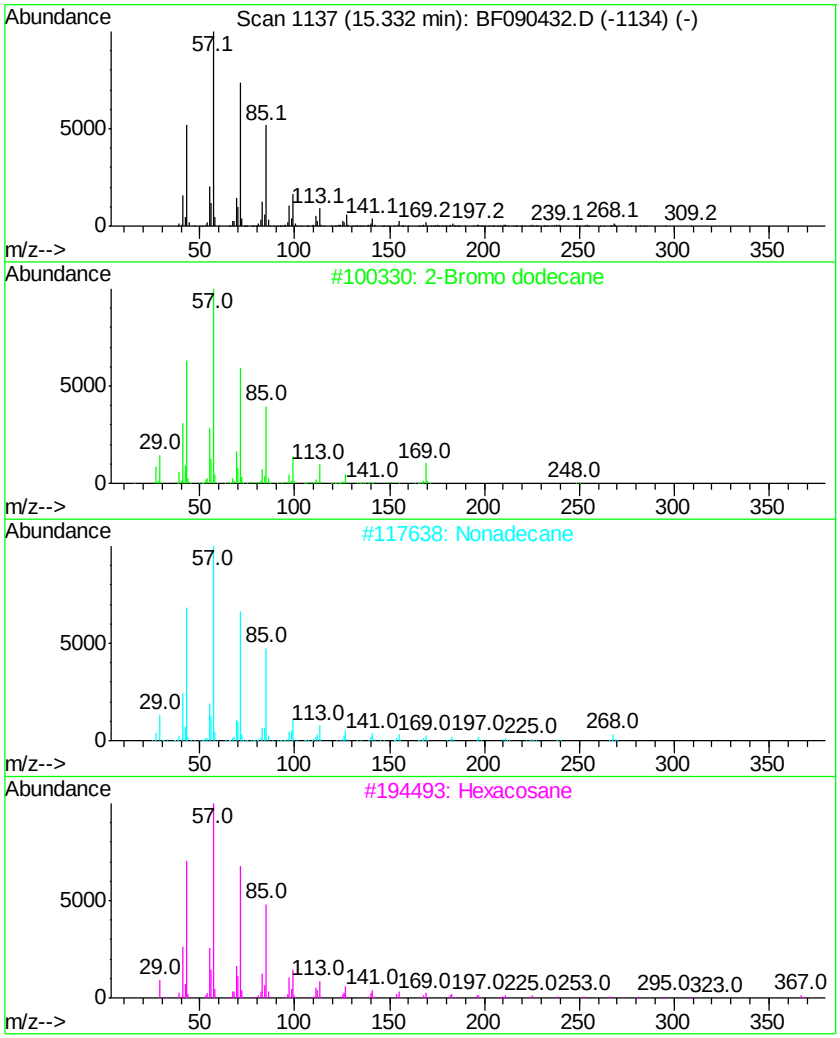
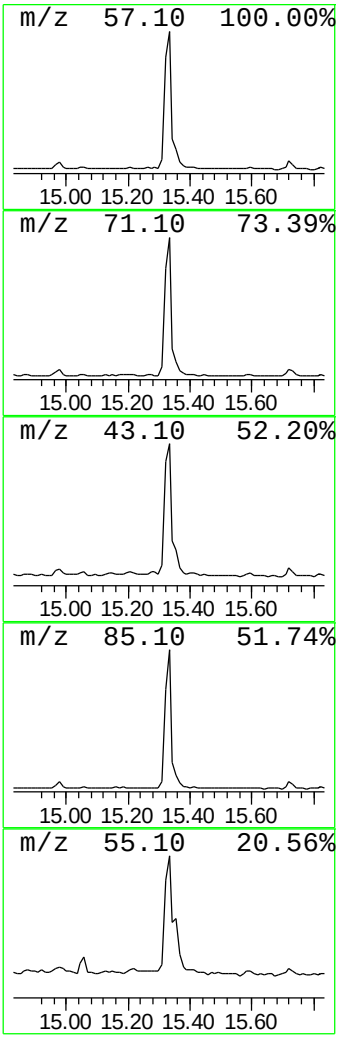
Peak Number 7 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	26.55 ng	1748250	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ClientSampleId :
RER-SUPPLY-TOPSOIL

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TIC Library : C:\DATABASE\NIST11.L
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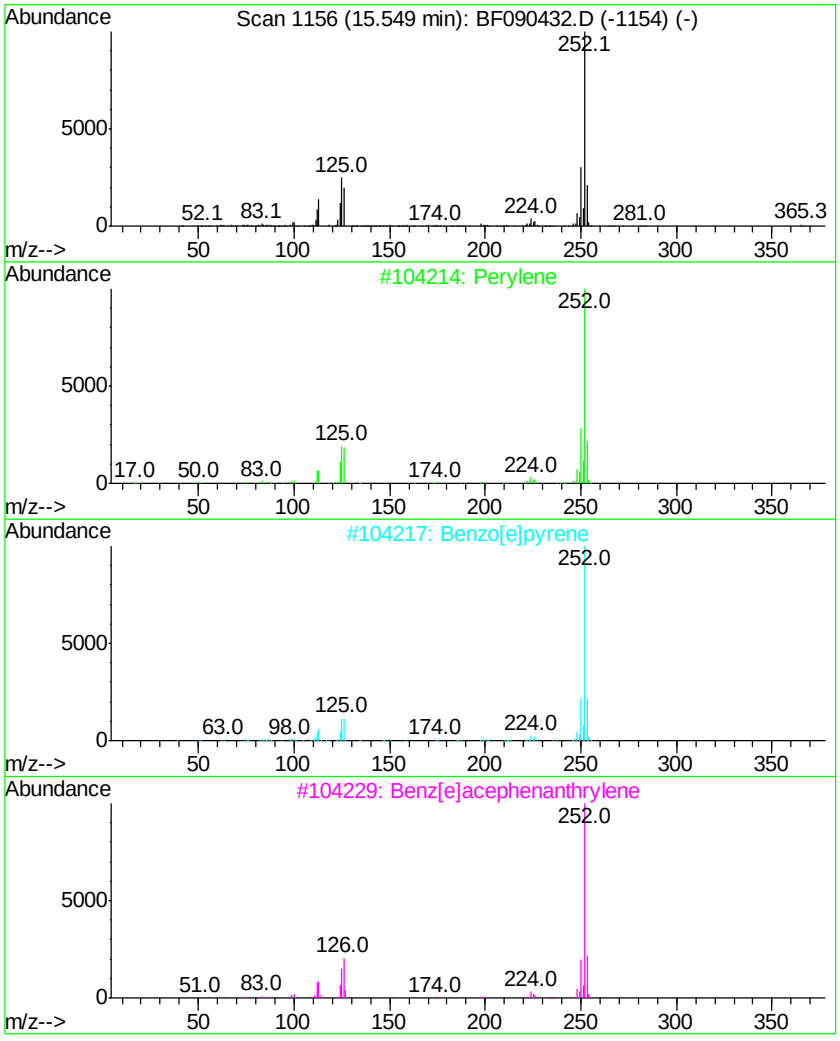
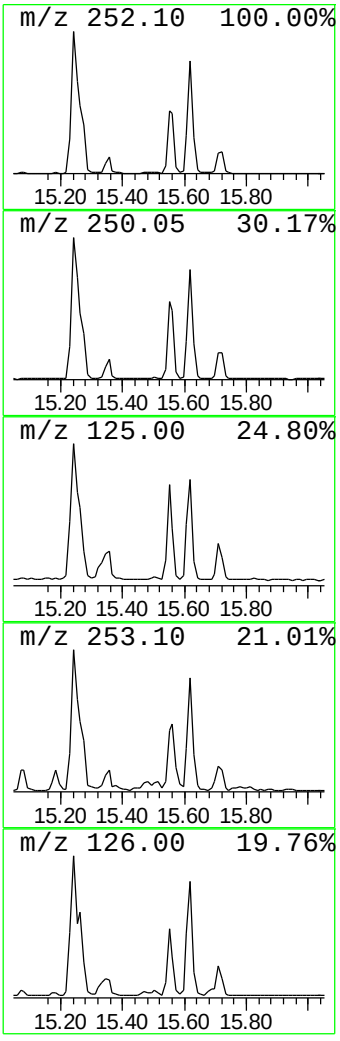
Peak Number 8 Perylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	7.14 ng	470232	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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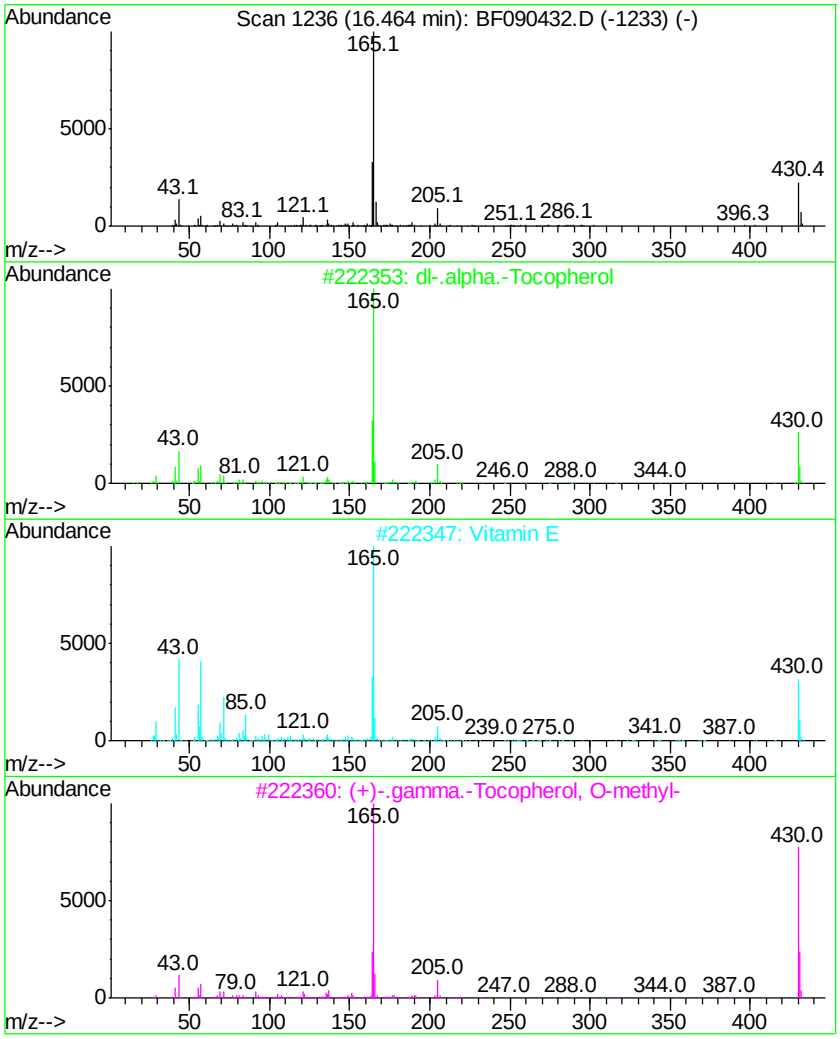
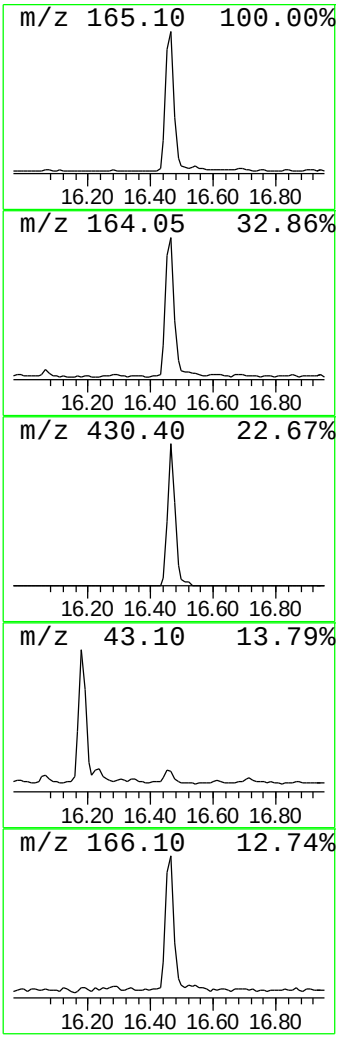
Peak Number 10 dl-.alpha.-Tocopherol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	6.25 ng	411485	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
2	Vitamin E	430	C29H50O2	000059-02-9	91
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	42





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ClientSampleId : RER-SUPPLY-TOPSOIL

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TIC Library : C:\DATABASE\NIST11.L
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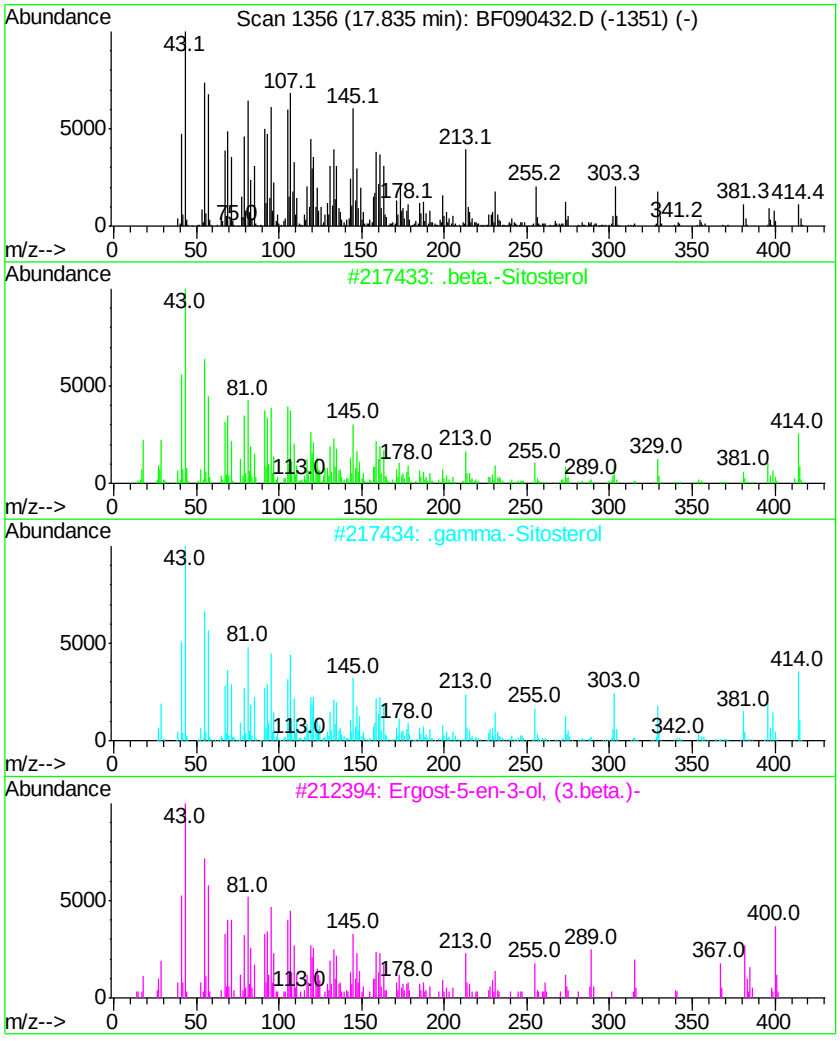
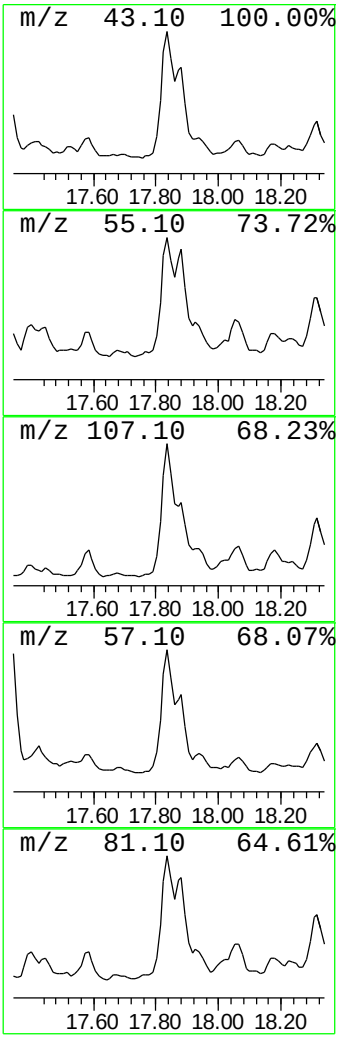
Peak Number 11 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	43.45 ng	2861470	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	83
4	Campesterol	400	C28H48O	000474-62-4	72
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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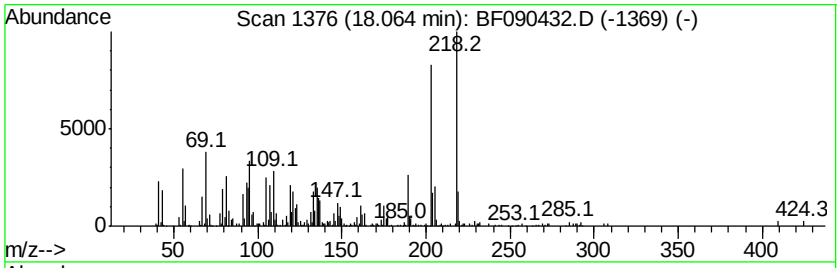
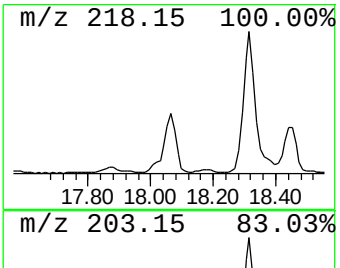
Peak Number 13 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	13.18 ng	867673	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	53
2	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	52
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	46
4	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	45
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	38





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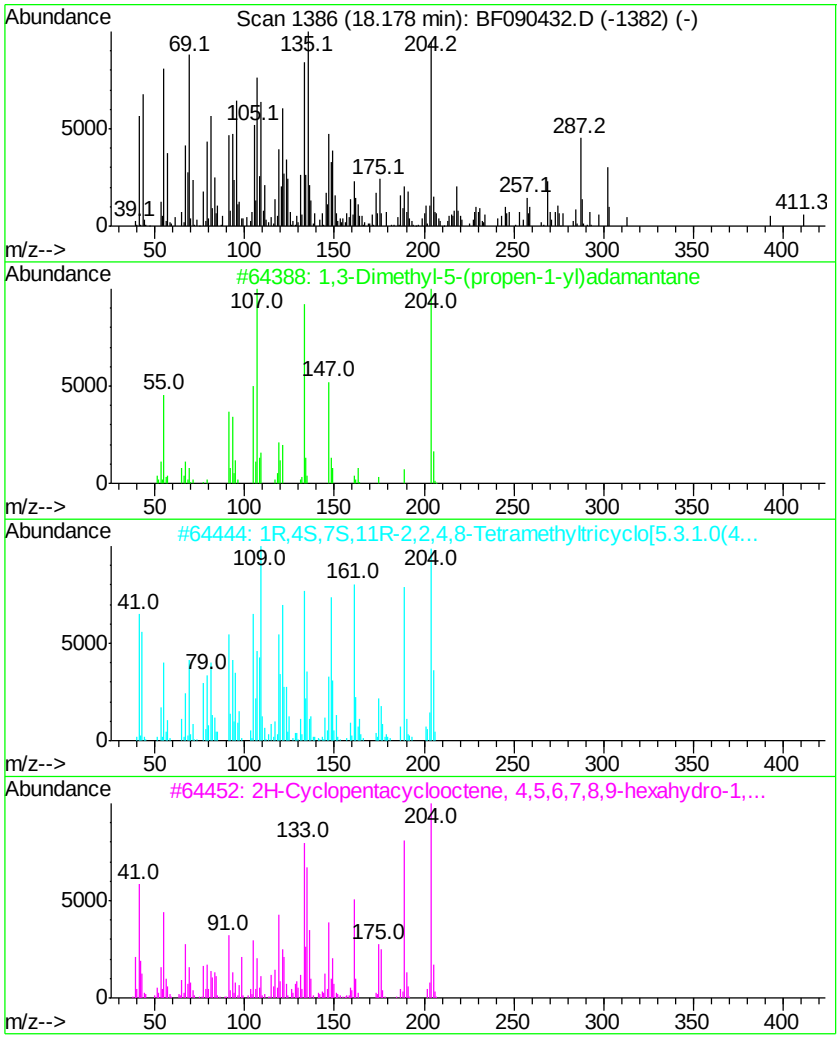
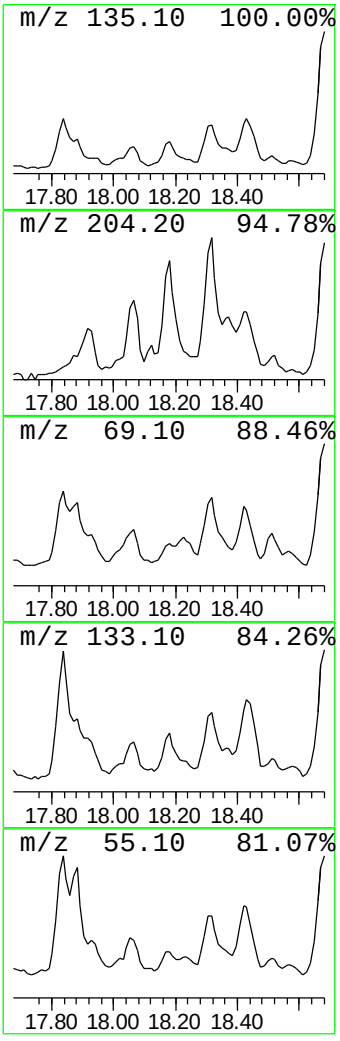
Peak Number 14 unknown18.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	7.47 ng	491912	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	49
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	46
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	46
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38





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ClientSampleId : RER-SUPPLY-TOPSOIL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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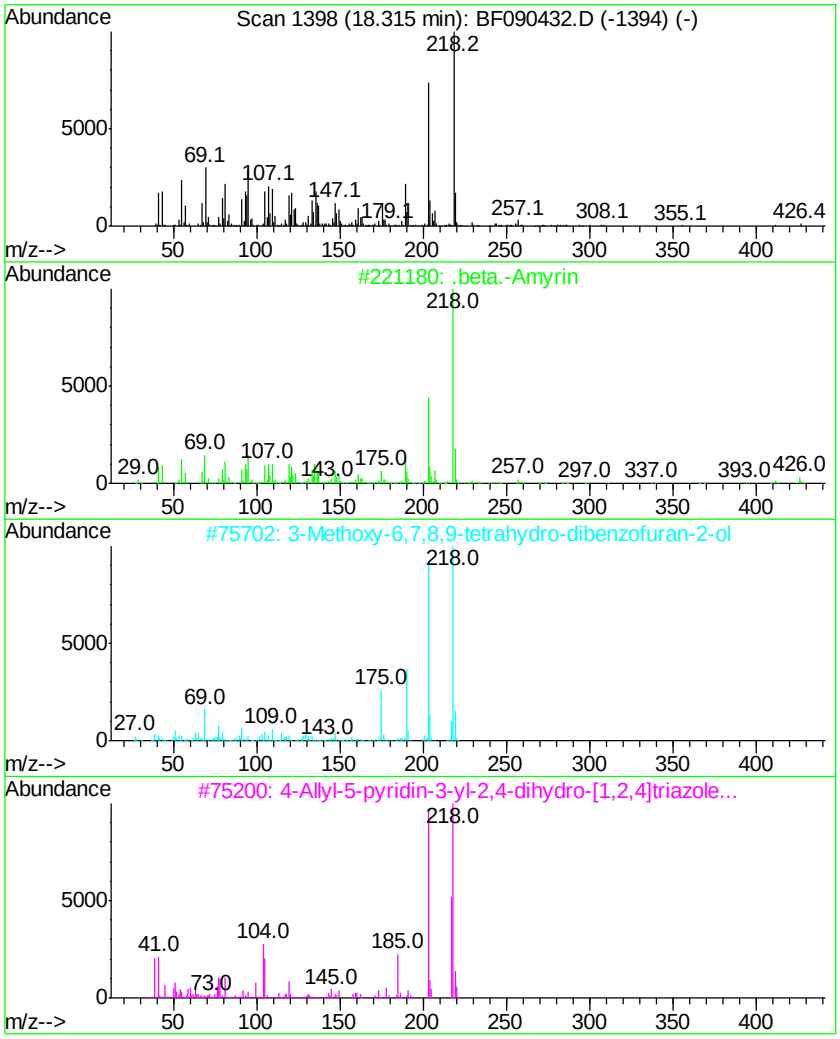
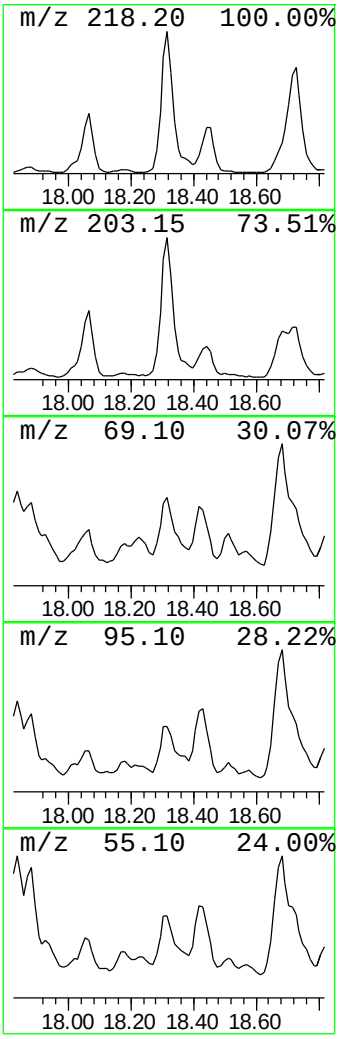
Peak Number 15 .beta.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	31.00 ng	2041160	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	81
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
3	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	58
4	3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	58
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	43





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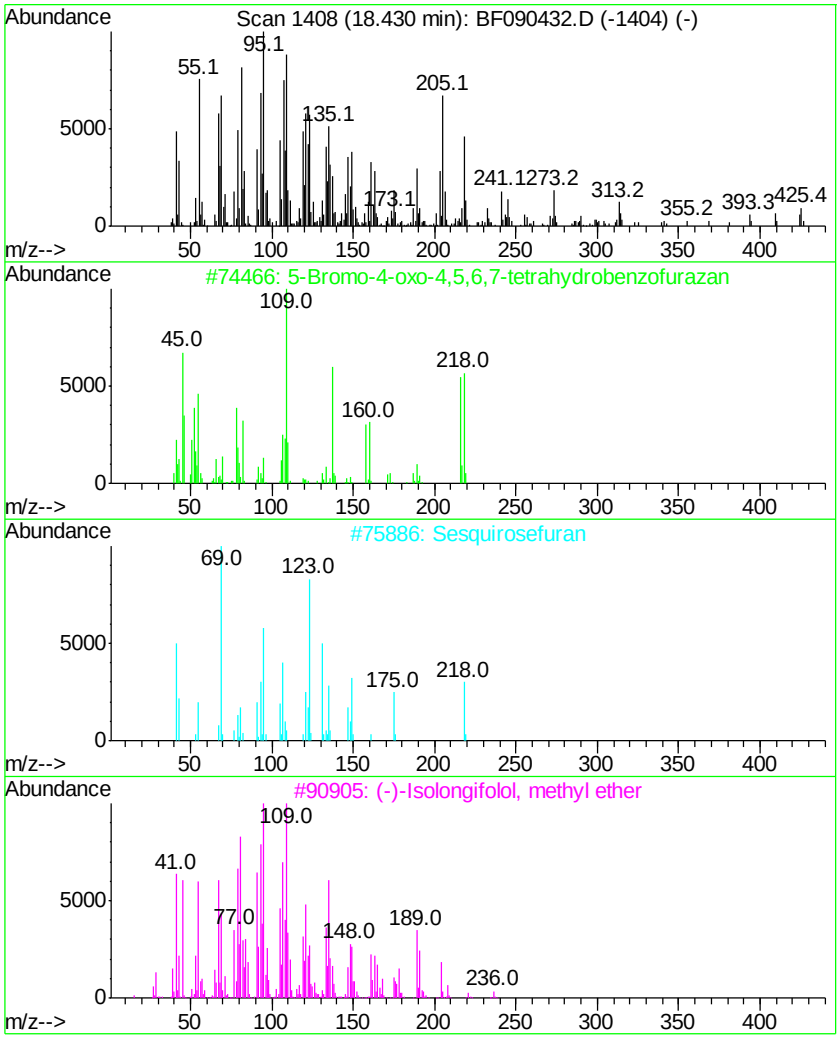
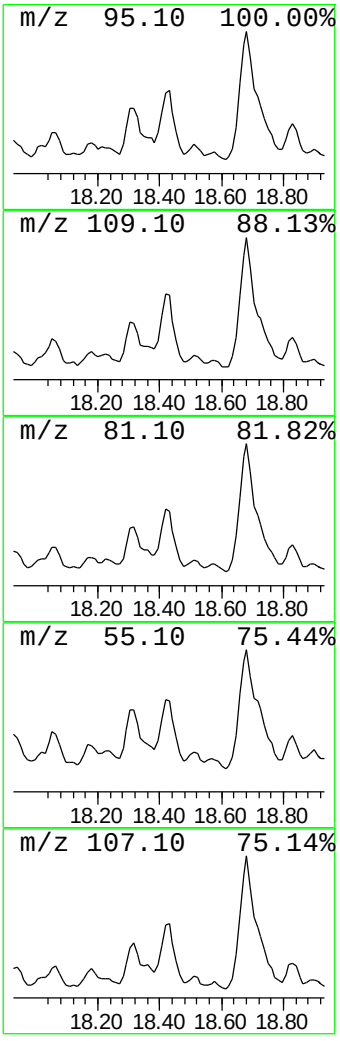
Peak Number 16 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	27.97 ng	1841530	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
2	Sesquirosefuran	218	C15H22O	039007-93-7	50
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	49
4	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	42
5	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	40





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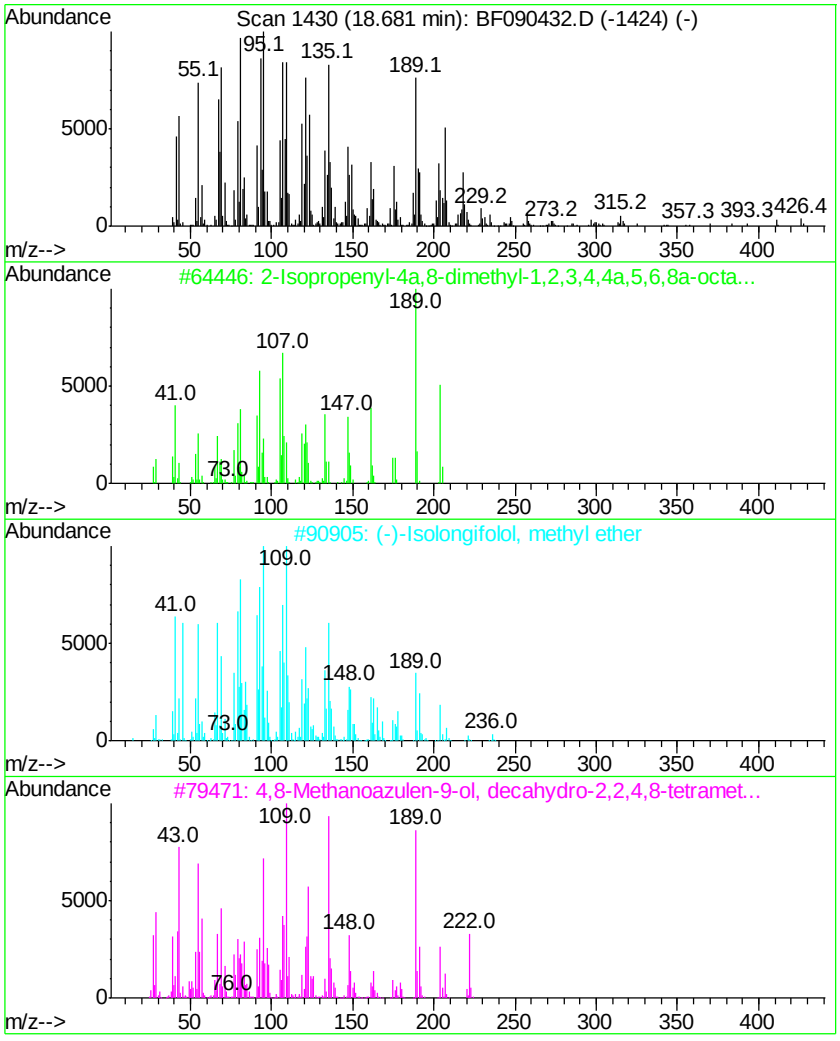
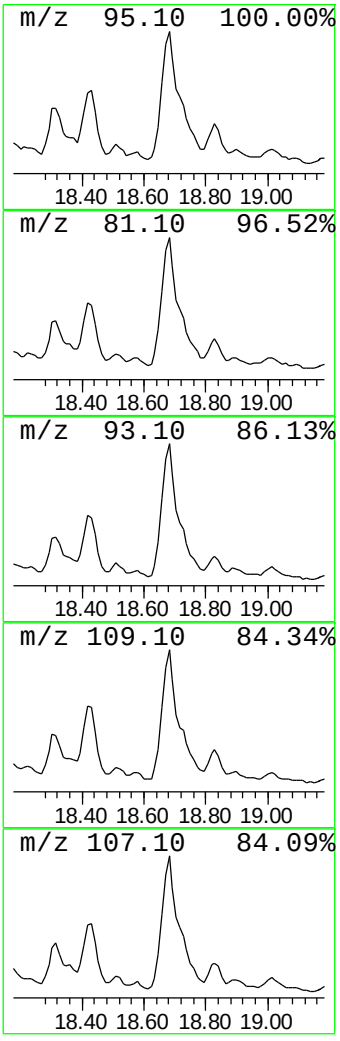
Peak Number 17 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	84.52 ng	5565770	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	80
2	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	43
3	4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	43
4	Ledol	222	C15H26O	000577-27-5	42
5	Longifolenaldehyde	220	C15H24O	019890-84-7	41





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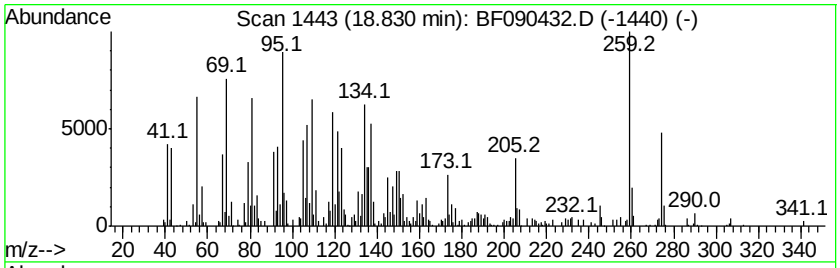
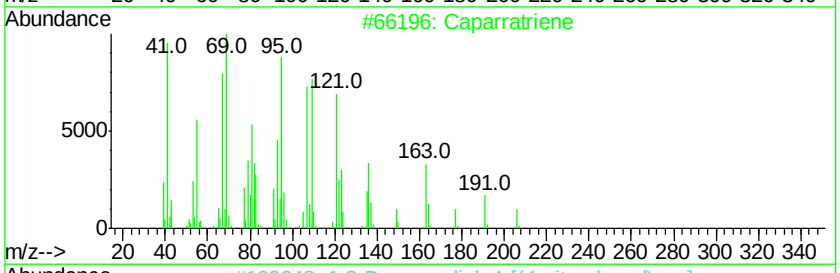
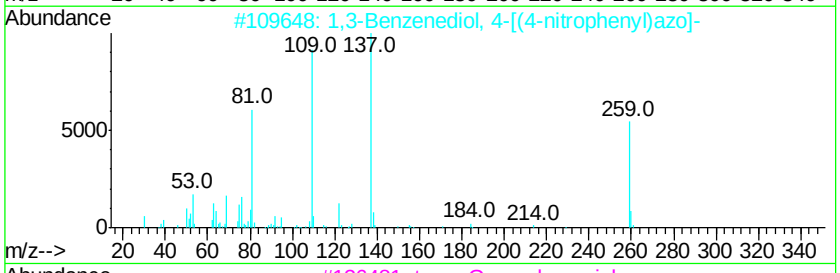
Peak Number 18 Caparratriene Concentration Rank 13

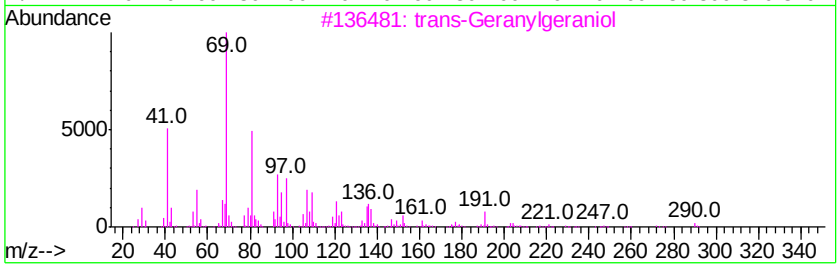
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	12.41 ng	817455	Perylene-d12	15.69

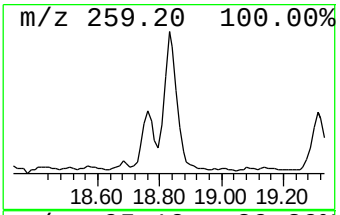
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caparratriene	206	C15H26	1000374-08-7	52
2	1,3-Benzenediol, 4-[(4-nitrophen...	259	C12H9N3O4	000074-39-5	38
3	trans-Geranylgeraniol	290	C20H34O	024034-73-9	38
4	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	35
5	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	30

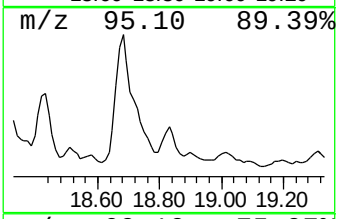


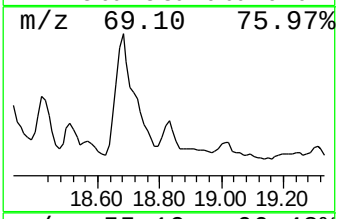


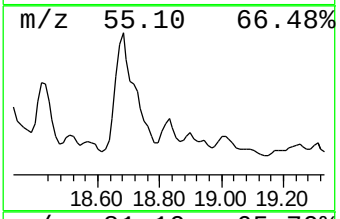


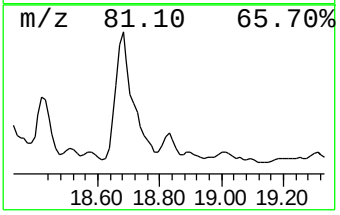












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Data File : BF090432.D
Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

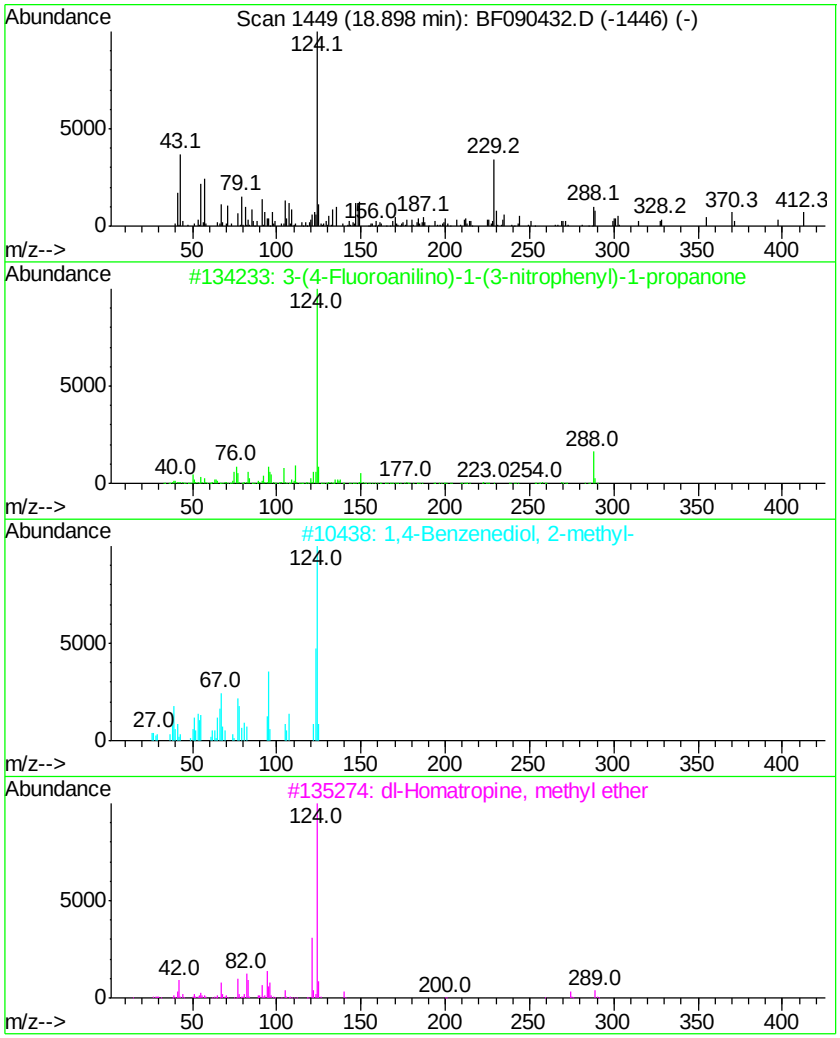
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

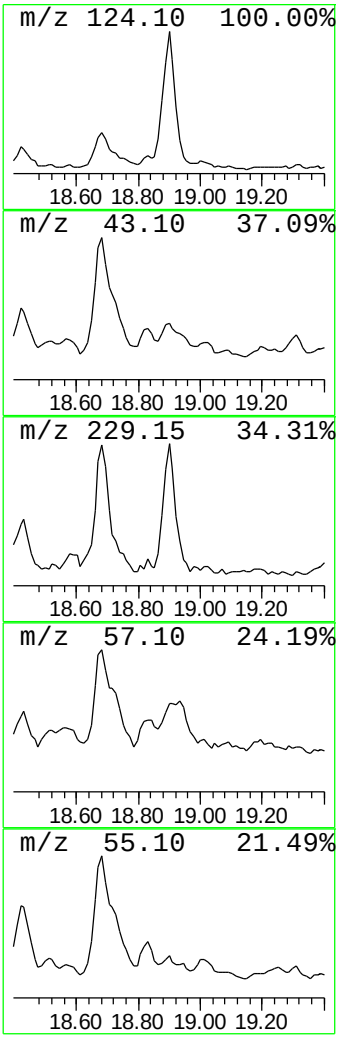
****

Peak Number 19 unknown18.90 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	8.72 ng	573954	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	47
2	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	43
3	dl-Homatropine, methyl ether	289	C17H23NO3	1000333-83-4	43
4	4-Decenoic acid, 3-methyl-, (E)-	184	C11H20O2	022882-86-6	43
5	2-Thiopheneacetic acid, 4-methox...	248	C13H12O3S	1000308-05-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090432.D
Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

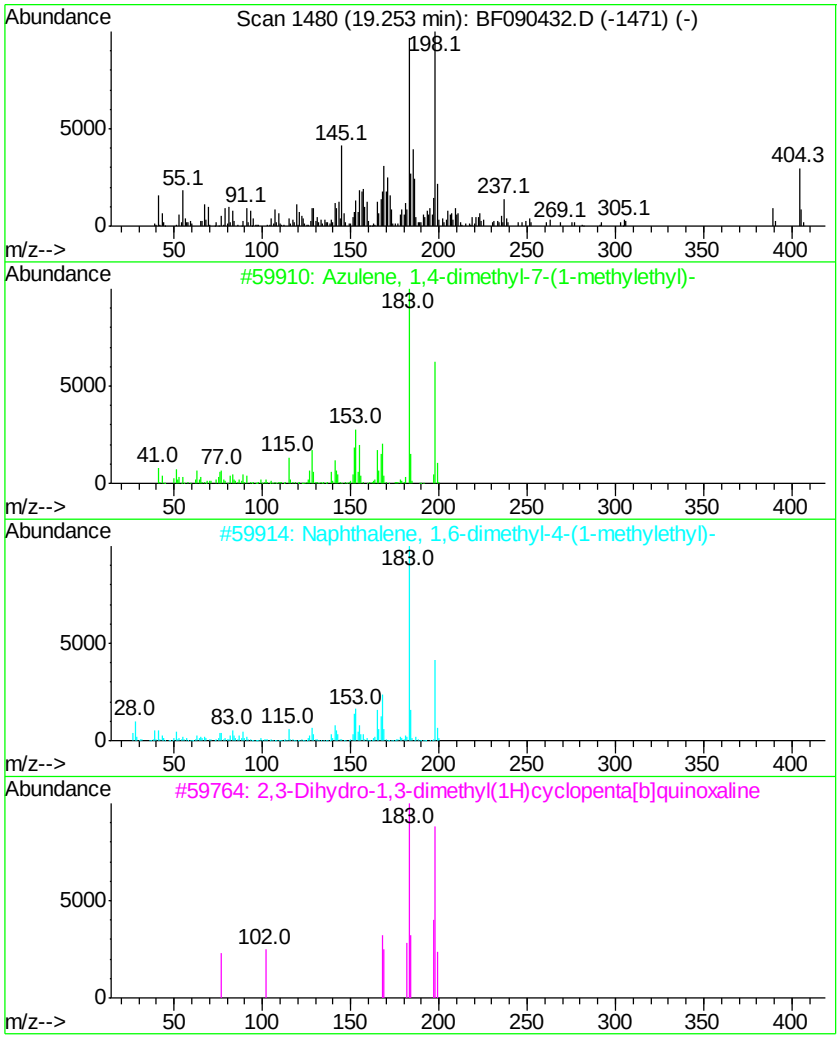
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

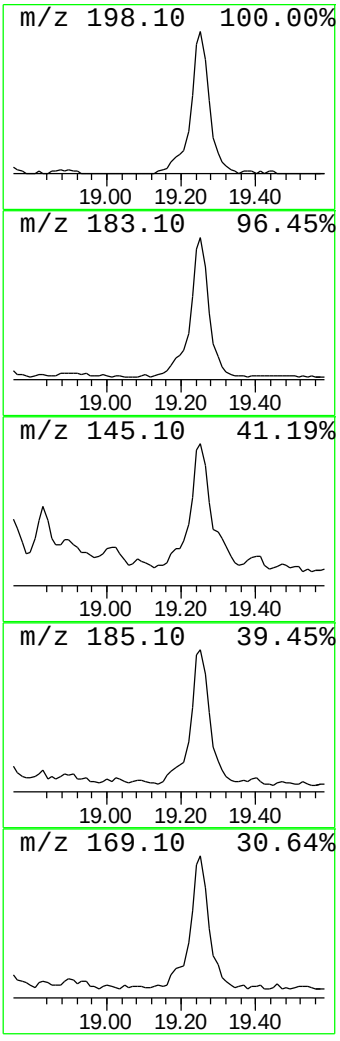
****

Peak Number 20 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	14.09 ng	927538	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	64
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	50
3	2,3-Dihydro-1,3-dimethyl(1H)cycl...	198	C13H14N2	1000112-95-8	46
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	45
5	Benzothiazole, 5-chloro-2-methyl-	183	C8H6ClNS	001006-99-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090432.D
Acq On : 6 Oct 2016 21:42
Operator : UM/SJ
Sample : H5110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RER-SUPPLY-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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
1,3-Dioxolane, 2,...	3.05	8.3	ng	554400	1	7.00	1334360	20.0
2-Pentanone, 4-hy...	5.19	27.8	ng	1851150	1	7.00	1334360	20.0
unknown6.76	6.76	110.0	ng	7337800	1	7.00	1334360	20.0
n-Hexadecanoic acid	12.06	11.3	ng	1380510	4	11.54	2442540	20.0
Squalene	15.06	7.0	ng	461511	6	15.69	1316990	20.0
2-Bromo dodecane	15.33	26.6	ng	1748250	6	15.69	1316990	20.0
Perylene	15.55	7.1	ng	470232	6	15.69	1316990	20.0
dl-.alpha.-Tocoph...	16.46	6.3	ng	411485	6	15.69	1316990	20.0
.beta.-Sitosterol	17.84	43.5	ng	2861470	6	15.69	1316990	20.0
2(1H)Naphthalenon...	18.06	13.2	ng	867673	6	15.69	1316990	20.0
unknown18.18	18.18	7.5	ng	491912	6	15.69	1316990	20.0
.beta.-Amyrin	18.32	31.0	ng	2041160	6	15.69	1316990	20.0
5-Bromo-4-oxo-4,5...	18.43	28.0	ng	1841530	6	15.69	1316990	20.0
2-Isopropenyl-4a,...	18.68	84.5	ng	5565770	6	15.69	1316990	20.0
Caparratriene	18.83	12.4	ng	817455	6	15.69	1316990	20.0
unknown18.90	18.90	8.7	ng	573954	6	15.69	1316990	20.0
Azulene, 1,4-dime...	19.25	14.1	ng	927538	6	15.69	1316990	20.0