LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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-BF063016.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	1.644	4	5	14	rVB	69505	145917	10.85%	0.931%
2	1.770	14	16	35	rVB	717499	1217510	90.57%	7.771%
3	2.010	35	37	52	rVB3	13209	47130	3.51%	0.301%
4	4.810	279	282	287	rBB	89937	135916	10.11%	0.867%
5	5.267	319	322	324	rBV	1131923	1168029	86.89%	7.455%
6	5.930	378	380	382	rBB	82712	88198	6.56%	0.563%
7	6.102	391	395	396	rBV	54406	71249	5.30%	0.455%
8	6.136	396	398	403	rVB	8774	13626	1.01%	0.087%
9	6.330	411	415	417	rBV	1143113	1344241	100.00%	8.580%
10	6.445	422	425	427	rBV	1126957	1270314	94.50%	8.108%
11	6.662	442	444	446	rBV	280735	312595	23.25%	1.995%
12	6.753	450	452	454	rBB	41512	38683	2.88%	0.247%
13	6.787	454	455	456	rBV	32684	26633	1.98%	0.170%
14	6.822	456	458	460	rVB	1061471	902469	67.14%	5.760%
15	7.233	491	494	496	rBV	730322	653168	48.59%	4.169%
16	7.268	496	497	500	rVB	27969	22596	1.68%	0.144%
17	7.485	514	516	518	rBV	35259	32528	2.42%	0.208%
18	7.530	518	520	522	rVB	26184	21440	1.59%	0.137%
19	7.702	533	535	537	rVB	58070	52207	3.88%	0.333%
20	7.805	541	544	547	rVB4	4765	14407	1.07%	0.092%
21	7.862	547	549	551	rBV	53385	49056	3.65%	0.313%
22	7.953	555	557	559	rVV	562168	454162	33.79%	2.899%
23	7.988	559	560	565	rVV2	30685	37849	2.82%	0.242%
24	8.090	567	569	575	rBV	7202	14423	1.07%	0.092%
25	8.696	621	622	624	rVB	19864	16947	1.26%	0.108%
26	9.028	649	651	654	rBV	933102	1298427	96.59%	8.287%
27	9.428	684	686	689	rBV	259760	210223	15.64%	1.342%
28	9.702	708	710	712	rVV	432126	382144	28.43%	2.439%
29	9.748	712	714	717	rVB	23982	22595	1.68%	0.144%
30	10.148	748	749	751	rVB	17994	17179	1.28%	0.110%
31	10.491	777	779	782	rBV	583344	517009	38.46%	3.300%
32	10.628	789	791	797	rBV	20287	33258	2.47%	0.212%
33	11.074	826	830	831	rBV	21925	24242	1.80%	0.155%
34	11.188	837	840	843	rBV	238068	370132	27.53%	2.362%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.256	845	846	848	rVB	32398	24276	1.81%	0.155%
36	11.416	858	860	865	rVV	13313	18028	1.34%	0.115%
37	11.679	881	883	885	rBV	16661	20875	1.55%	0.133%
38	11.714	885	886	889	rVV	16900	25865	1.92%	0.165%
39	11.794	891	893	897	rVB	20251	28039	2.09%	0.179%
40	11.897	897	902	904	rBV2	20182	35842	2.67%	0.229%
41	12.102	918	920	921	rVV	12642	14387	1.07%	0.092%
42	12.251	929	933	935	rBV3	36447	52318	3.89%	0.334%
43	12.354	940	942	943	rVB	18512	16552	1.23%	0.106%
44	12.388	943	945	947	rBV	151091	135900	10.11%	0.867%
45	12.491	952	954	956	rVB	14982	19367	1.44%	0.124%
46	12.537	956	958	959	rBV	26493	31837	2.37%	0.203%
47	12.571	959	961	962	rVB2	33322	39115	2.91%	0.250%
48	12.617	962	965	967	rBV	138178	159056	11.83%	1.015%
49	12.662	967	969	972	rVB4	14301	24675	1.84%	0.157%
50	12.731	972	975	976	rBV2	21040	37906	2.82%	0.242%
51	12.765	976	978	980	rVB	694951	936142	69.64%	5.975%
52	12.799	980	981	983	rVB2	14987	15556	1.16%	0.099%
53	12.845	983	985	987	rBV2	7800	18046	1.34%	0.115%
54	12.879	987	988	991	rVB	142741	134936	10.04%	0.861%
55	12.948	991	994	997	rVB2	31329	47811	3.56%	0.305%
56	13.017	997	1000	1001	rBV2	22495	34480	2.57%	0.220%
57	13.051	1001	1003	1004	rBV	16455	19695	1.47%	0.126%
58	13.074	1004	1005	1007	rVB	28417	23776	1.77%	0.152%
59	13.142	1009	1011	1013	rBV	136005	132664	9.87%	0.847%
60	13.280	1020	1023	1025	rVB	77522	107479	8.00%	0.686%
61	13.360	1028	1030	1032	rVV2	20783	24299	1.81%	0.155%
62	13.462	1037	1039	1041	rBV3	16741	33313	2.48%	0.213%
63	13.565	1046	1048	1049	rBV2	20973	26861	2.00%	0.171%
64	13.600	1049	1051	1055	rVV5	29545	48979	3.64%	0.313%
65	13.680	1056	1058	1061	rVB2	85357	98878	7.36%	0.631%
66	13.817	1066	1070	1071	rBV2	373992	522873	38.90%	3.337%
67	13.920	1077	1079	1081	rVB2	20716	20821	1.55%	0.133%
68	14.000	1084	1086	1088	rBV2	27438	33925	2.52%	0.217%
69	14.068	1091	1092	1093	rVV	42560	30615	2.28%	0.195%
70	14.308	1111	1113	1117	rBV2	68997	147222	10.95%	0.940%
71	14.400	1119	1121	1122	rBV	29337	31795	2.37%	0.203%

LSC Area Percent Report

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Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.731	1147	1150	1152	rBV2	163834	248779	18.51%	1.588%
73	14.811	1155	1157	1161	rVB	58170	103405	7.69%	0.660%
74	14.903	1162	1165	1169	rBV2	100667	242179	18.02%	1.546%
75	14.971	1169	1171	1175	rVB	81283	115938	8.62%	0.740%
76	15.131	1183	1185	1188	rBV	36375	59174	4.40%	0.378%
77	15.188	1188	1190	1192	rVV	158745	176331	13.12%	1.125%
78	15.405	1207	1209	1214	rVB	70930	118310	8.80%	0.755%
79	15.623	1225	1228	1230	rBV	93828	153796	11.44%	0.982%
80	16.308	1285	1288	1295	rVB2	60113	127381	9.48%	0.813%
81	16.983	1344	1347	1353	rBV7	37058	121643	9.05%	0.776%

Sum of corrected areas: 15667642

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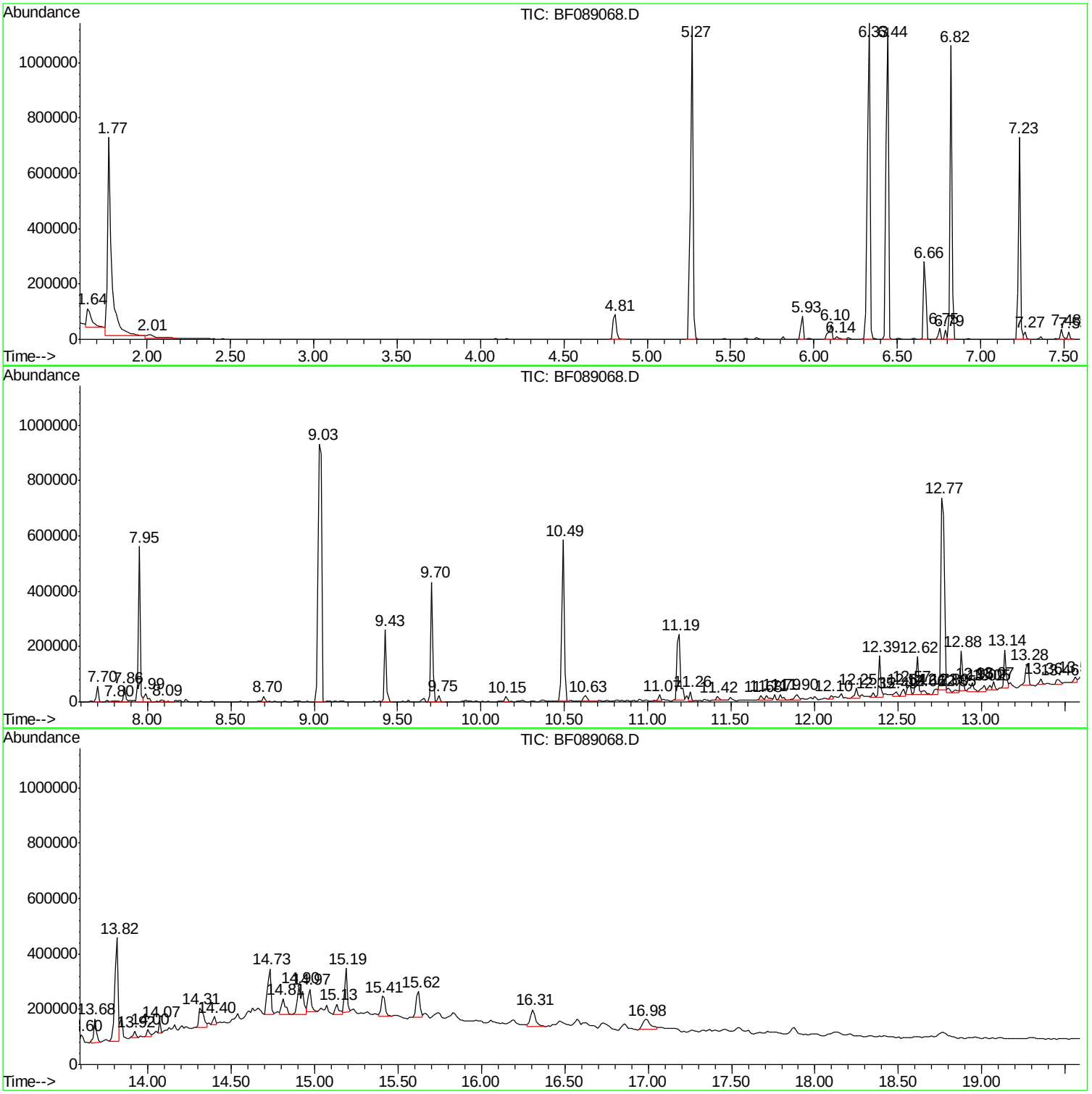
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071616\
Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

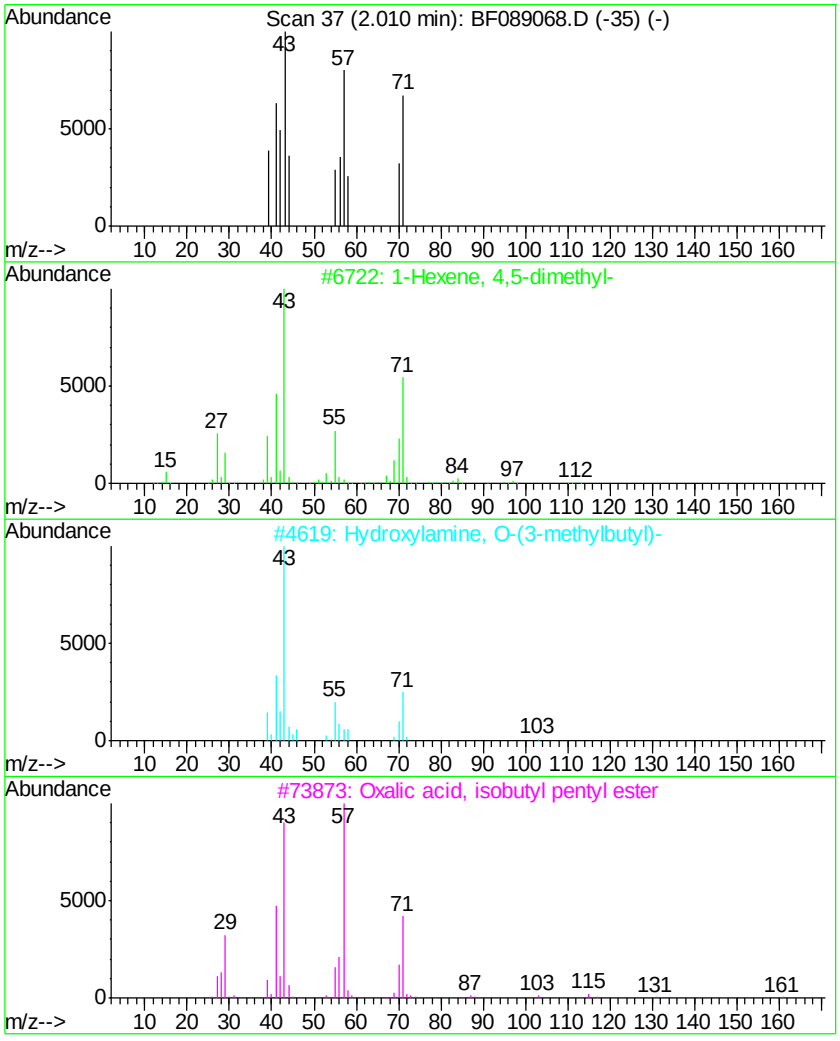
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

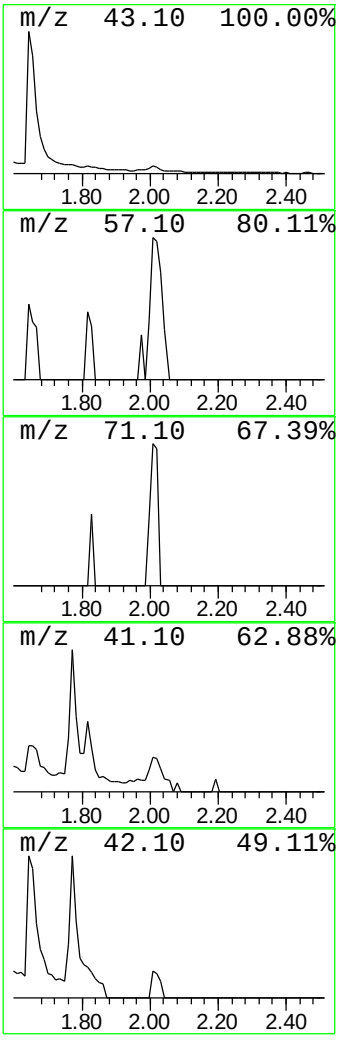
****

Peak Number 3 unknown2.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	3.02 ng	47130	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	10
2	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	9
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9
4	Dimethylketene	70	C4H6O	000598-26-5	7
5	Propene	42	C3H6	000115-07-1	7





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Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
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Sample : H4018-14
Misc :
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Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

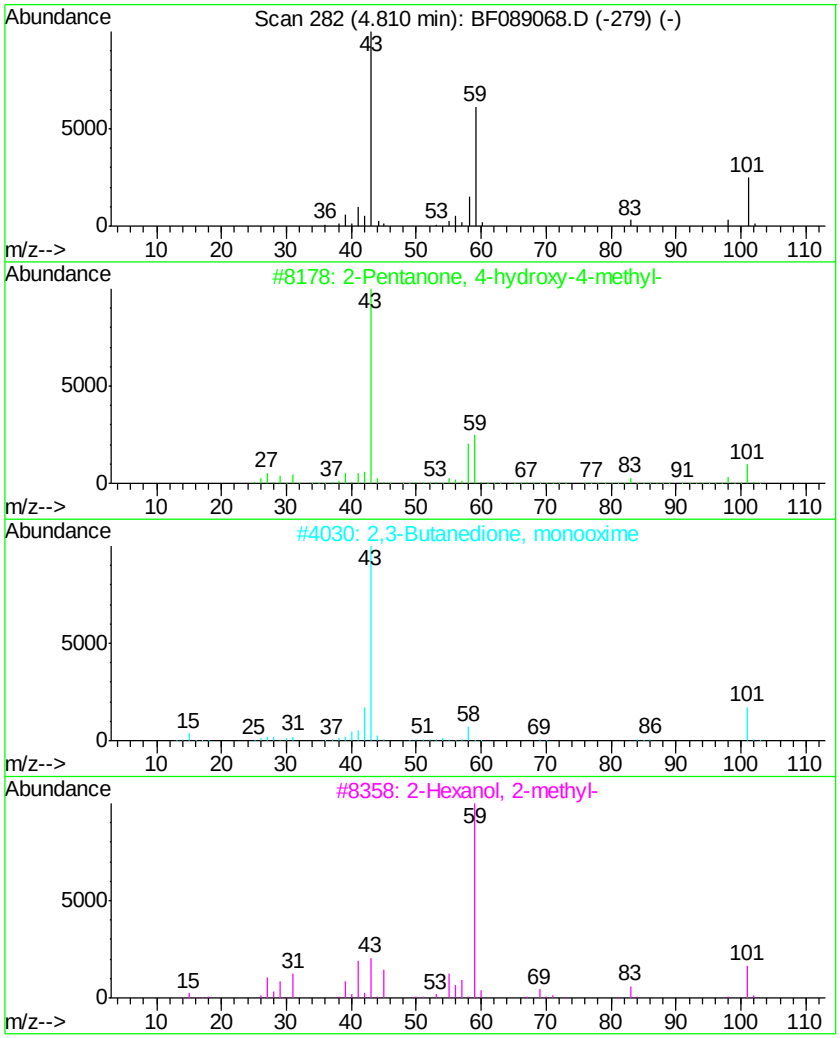
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

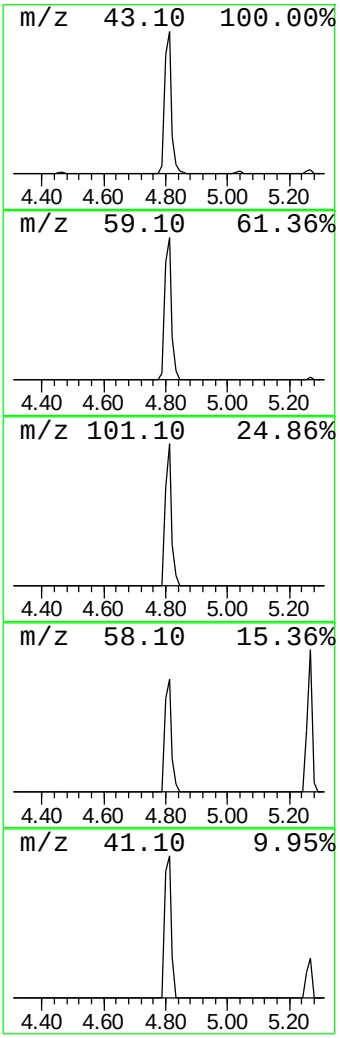
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	8.70 ng	135916	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
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Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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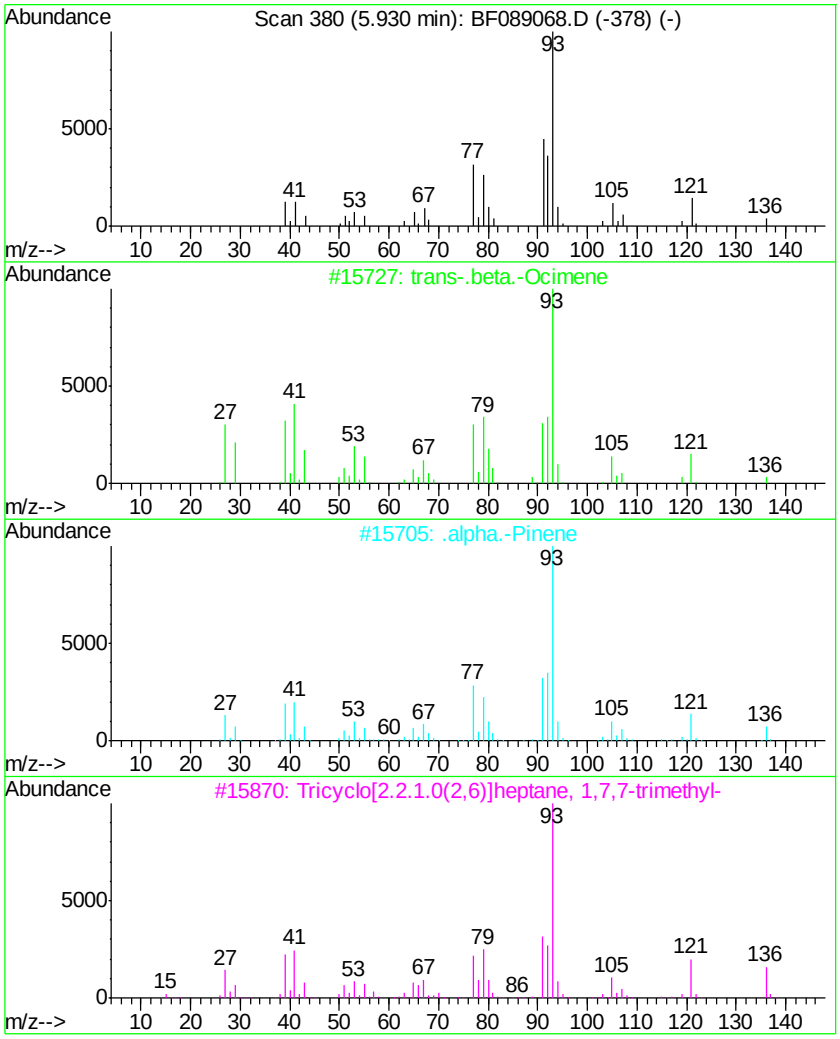
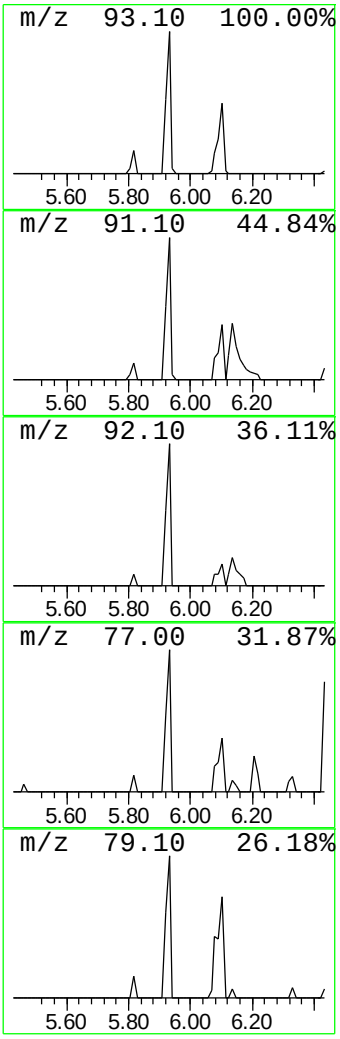
****

Peak Number 5 trans-.beta.-Ocimene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.64 ng	88198	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	90





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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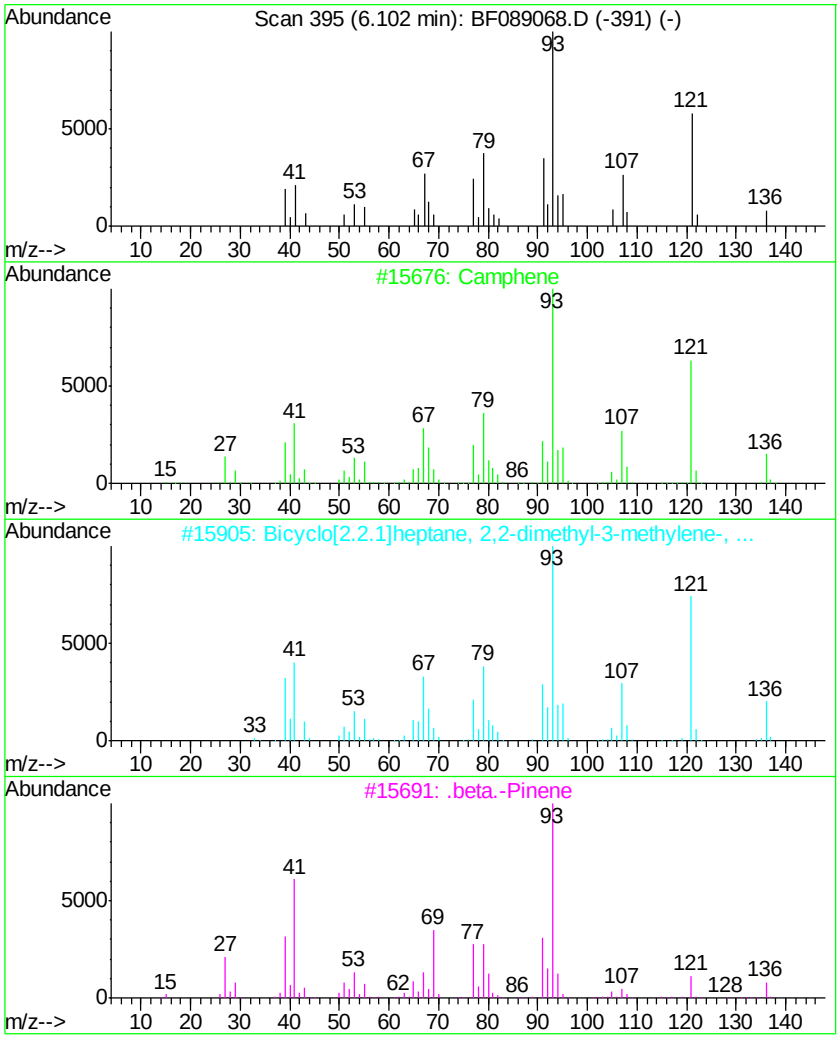
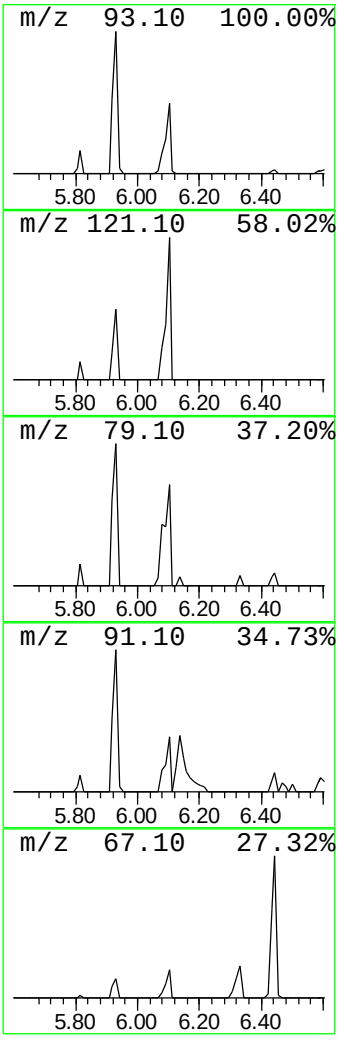
Peak Number 6 Camphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	4.56 ng	71249	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	91
3	.beta.-Pinene	136	C10H16	000127-91-3	72
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	64
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	64





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Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

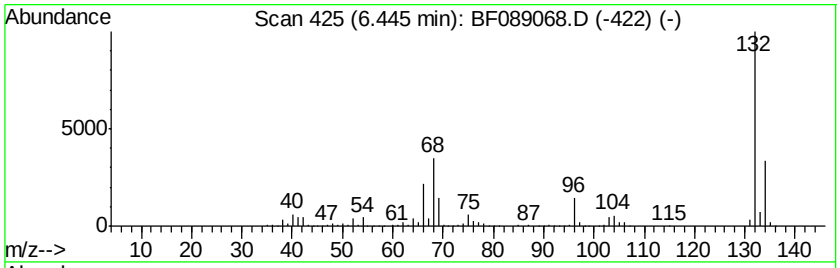
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

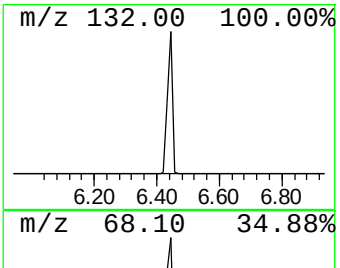
****

Peak Number 7 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	81.28 ng	1270310	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

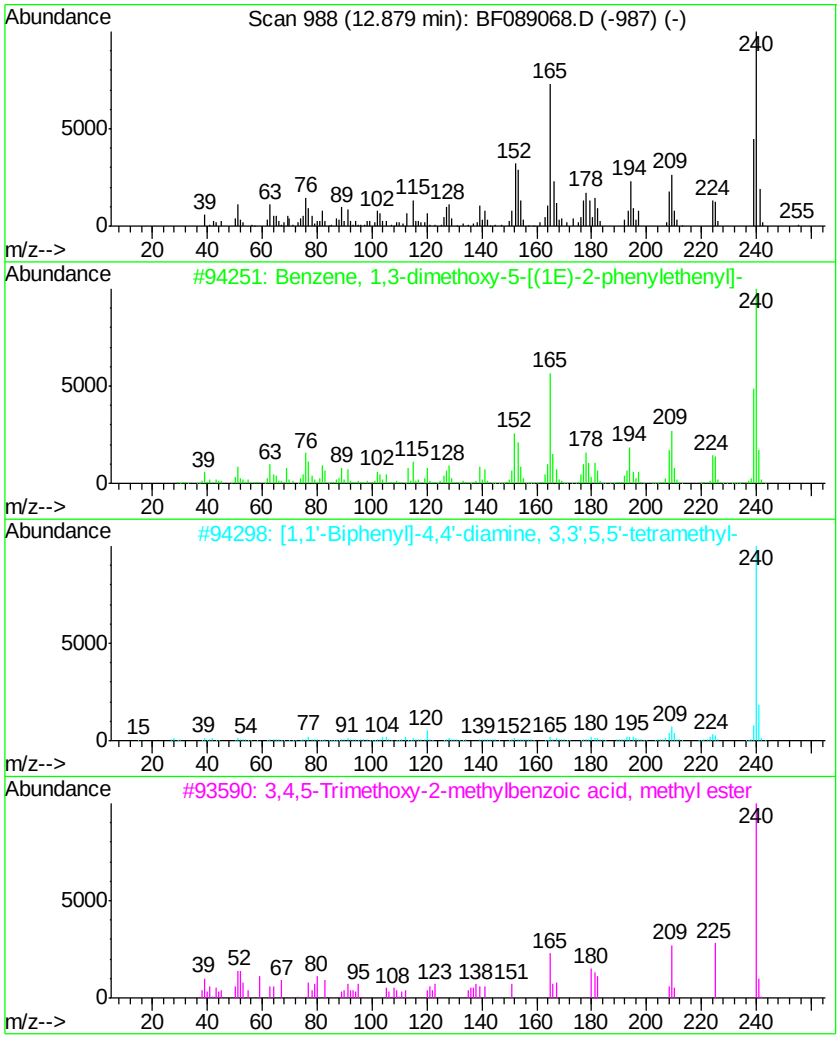
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

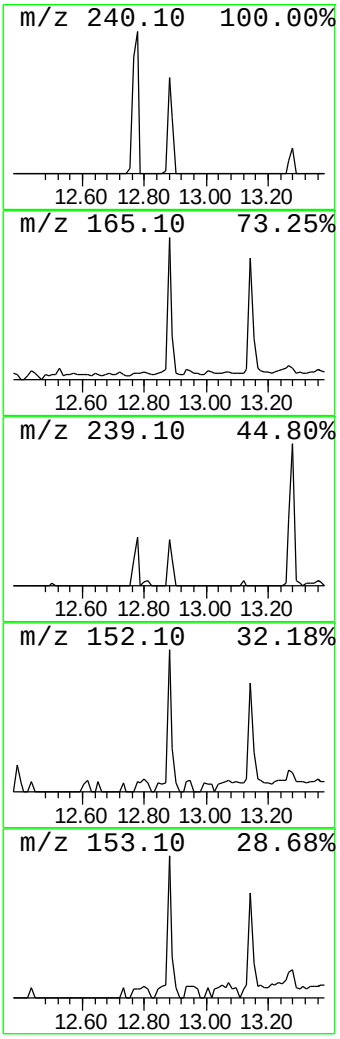
****

Peak Number 9 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	5.16 ng	134936	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	62
3	3,4,5-Trimethoxy-2-methylbenzoic...	240	C12H16O5	247180-24-1	42
4	Benzenamine, 4-[2-(4-nitrophenyl...	240	C14H12N2O2	004629-58-7	38
5	Imidazolo[1,2-a]pyrimidine, 2-(4...	240	C12H8N4O2	028266-96-8	38





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Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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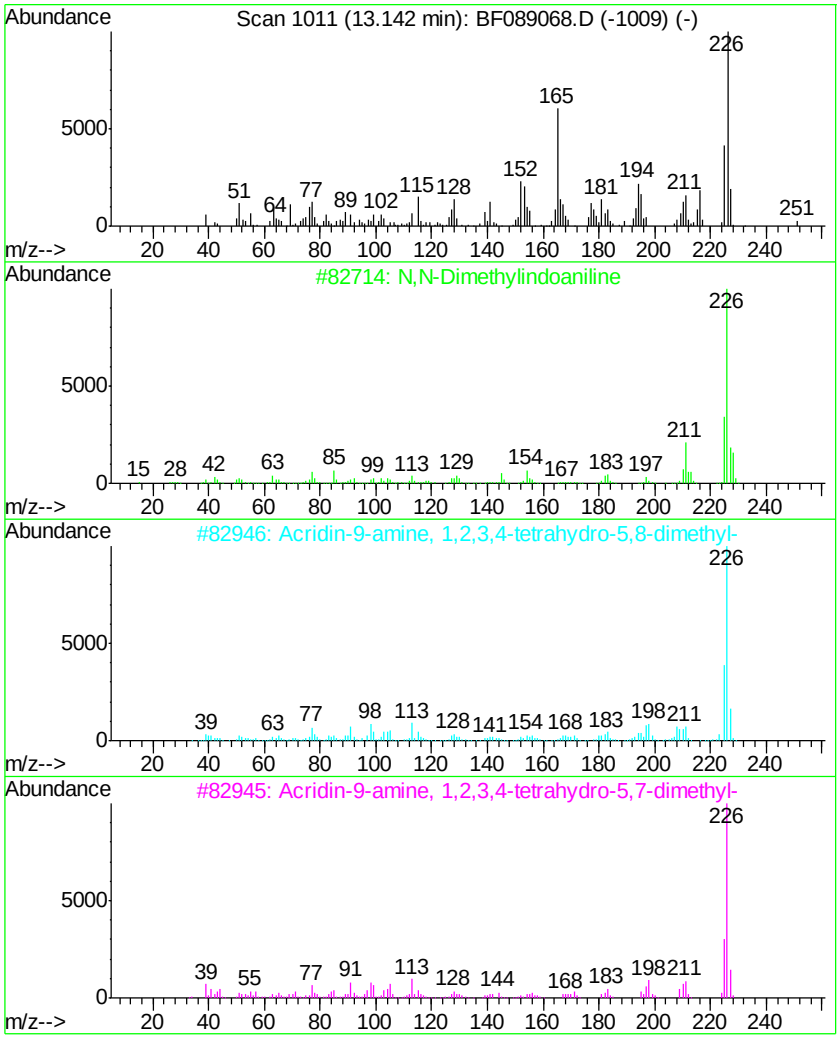
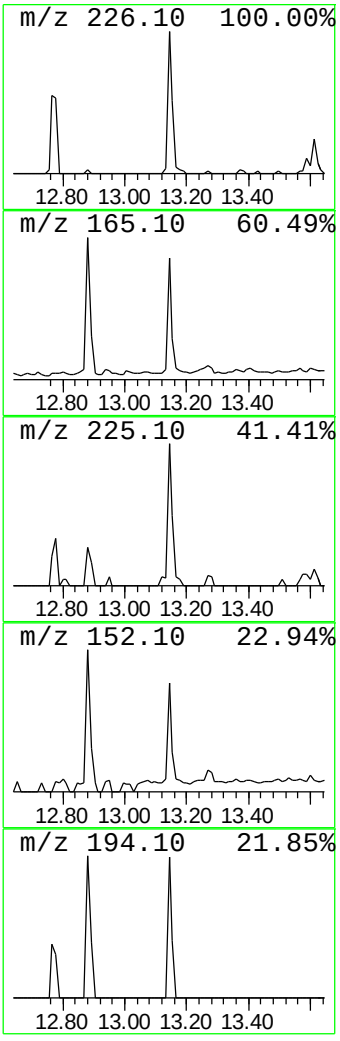
Peak Number 10 N,N-Dimethylindoaniline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.07 ng	132664	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	55
3	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	49
4	Imidazole, 5-methyl-4-trifluorom...	226	C11H9F3N2	081769-66-6	43
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	43





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ClientSampleId : F9-B3(0-5)C

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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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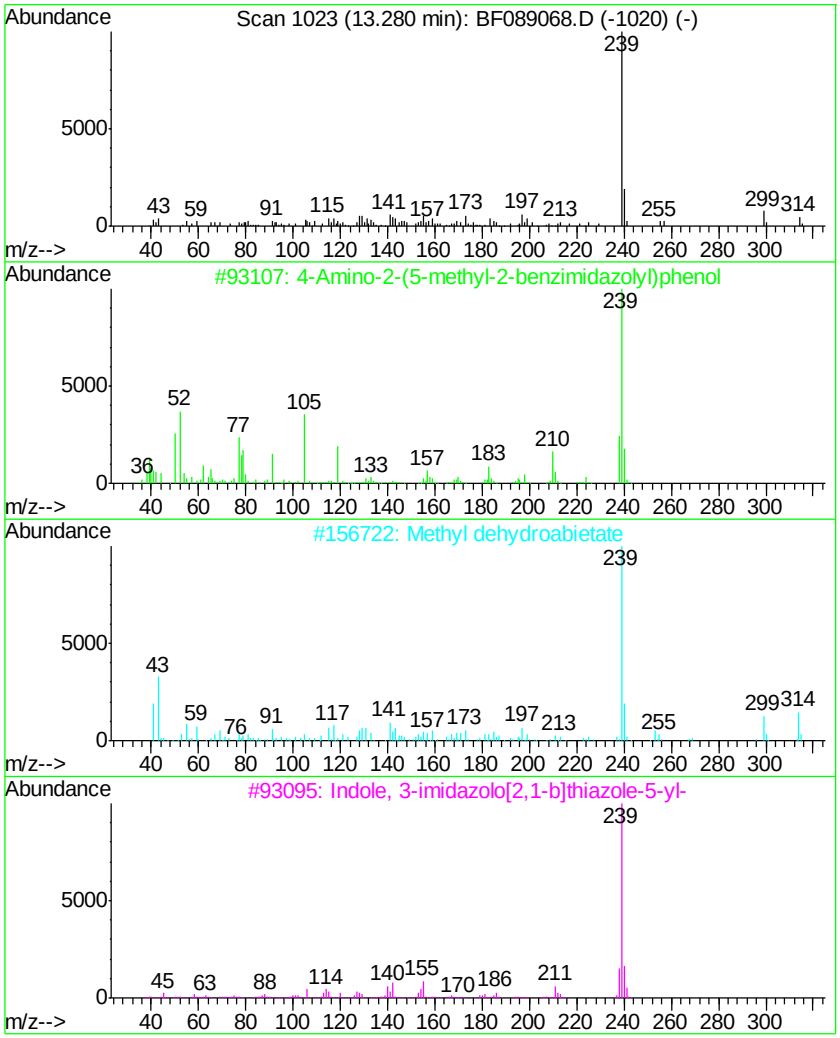
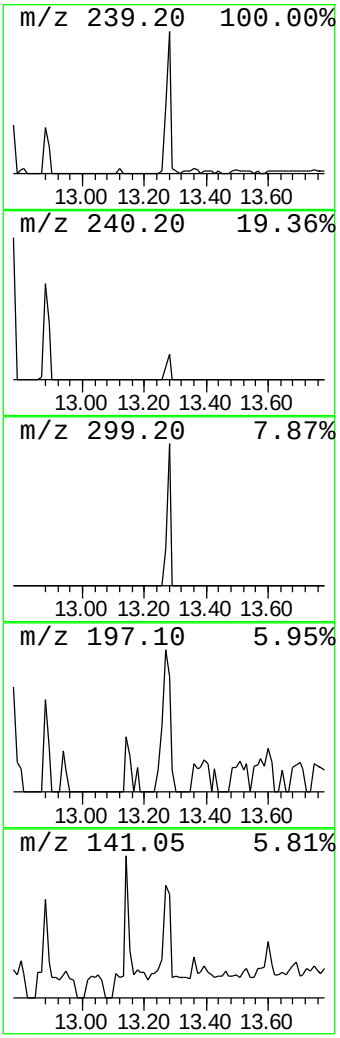
Peak Number 11 4-Amino-2-(5-methyl-2-benzi... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.11 ng	107479	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-(5-methyl-2-benzimidaz...	239	C14H13N3O	1000258-88-5	72
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	64
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
4	2-Methyl-3-phenylsulfanyl-1H-indole	239	C15H13NS	1000322-52-7	64
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	59





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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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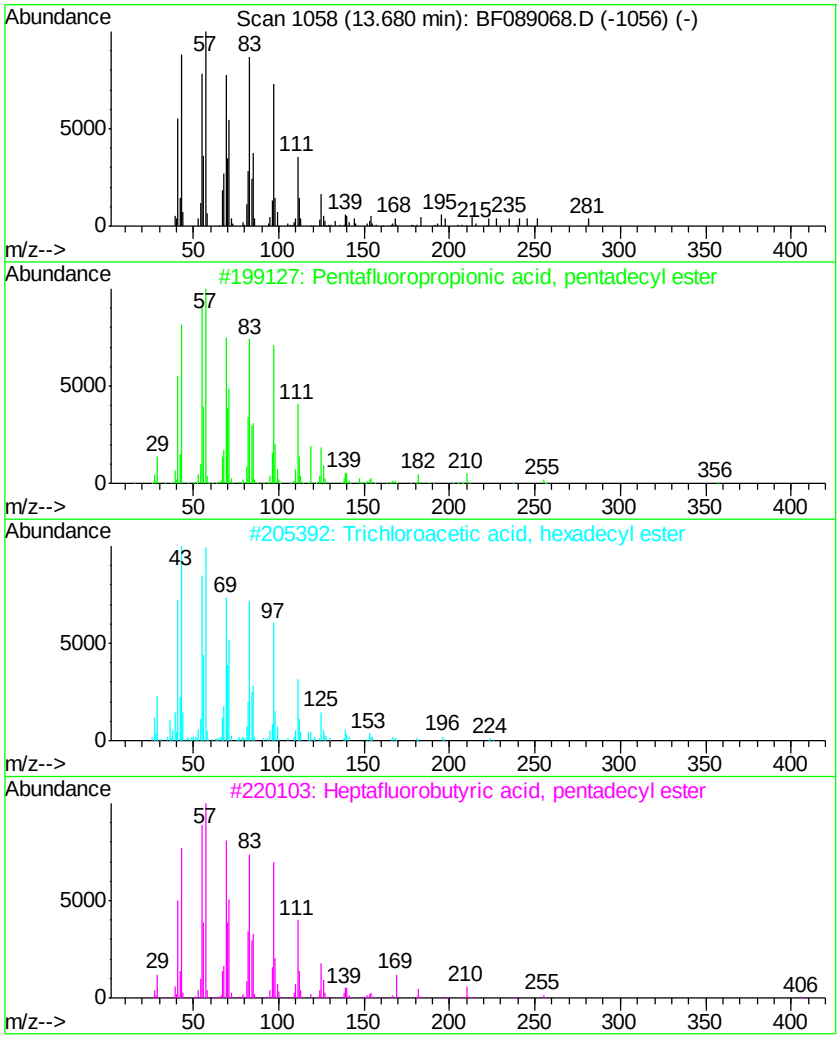
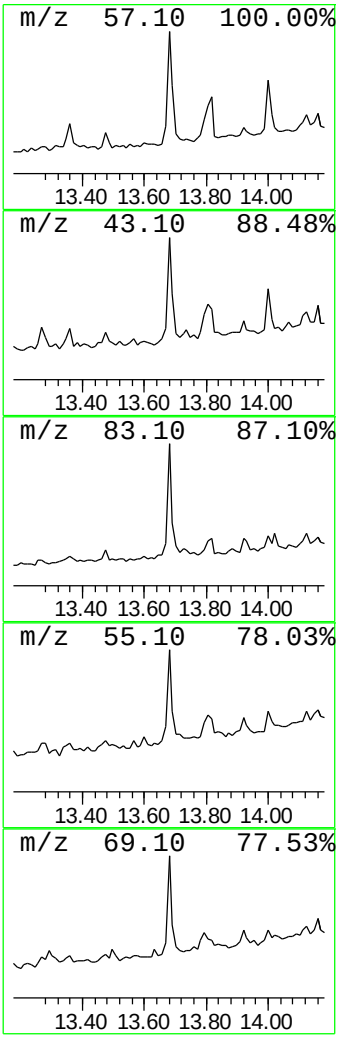
Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.78 ng	98878	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87





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Sample : H4018-14
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ClientSampleId : F9-B3(0-5)C

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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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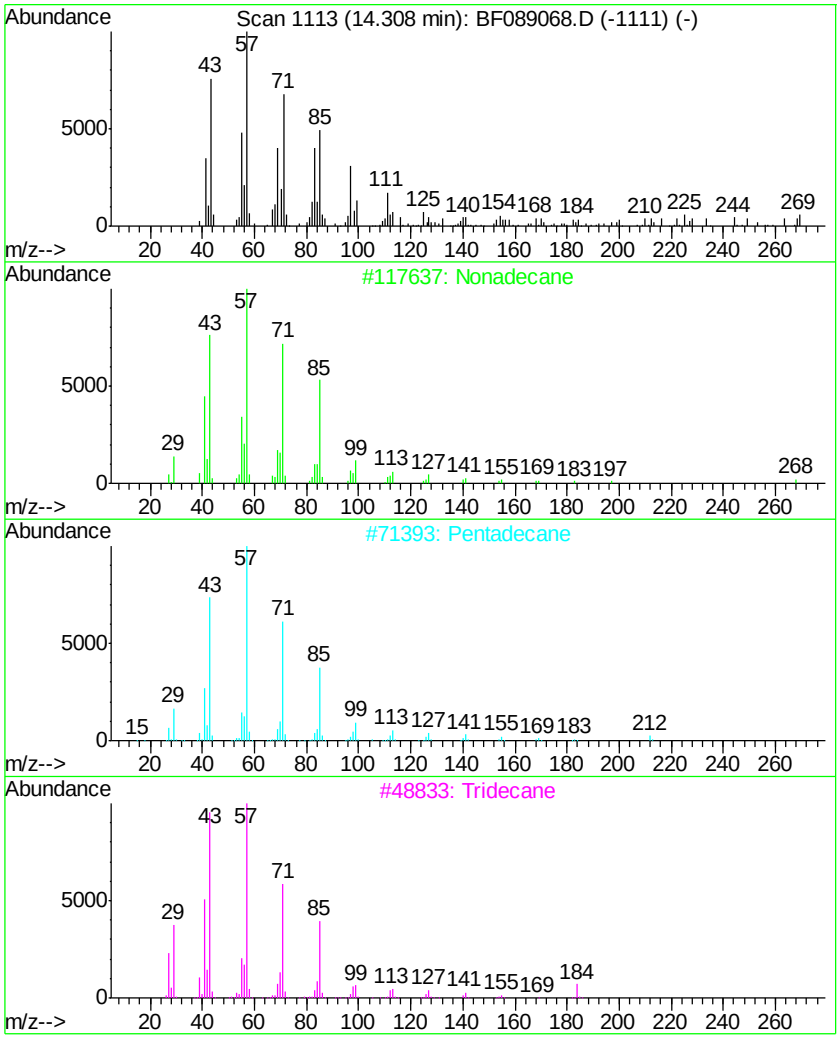
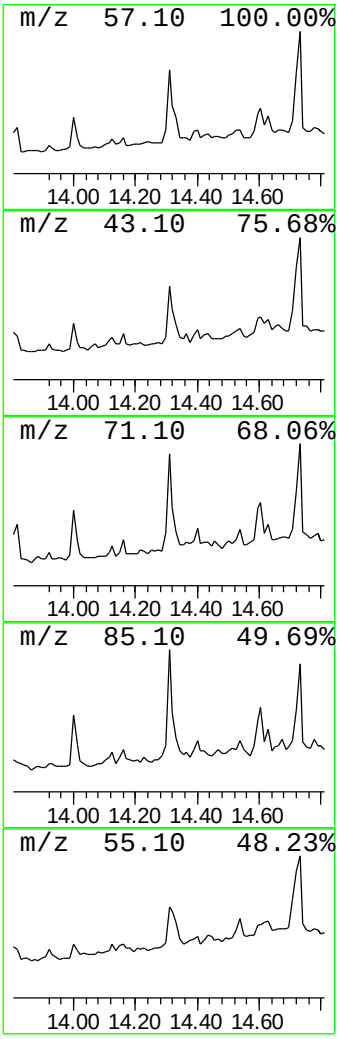
Peak Number 13 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.63 ng	147222	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	84
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	62





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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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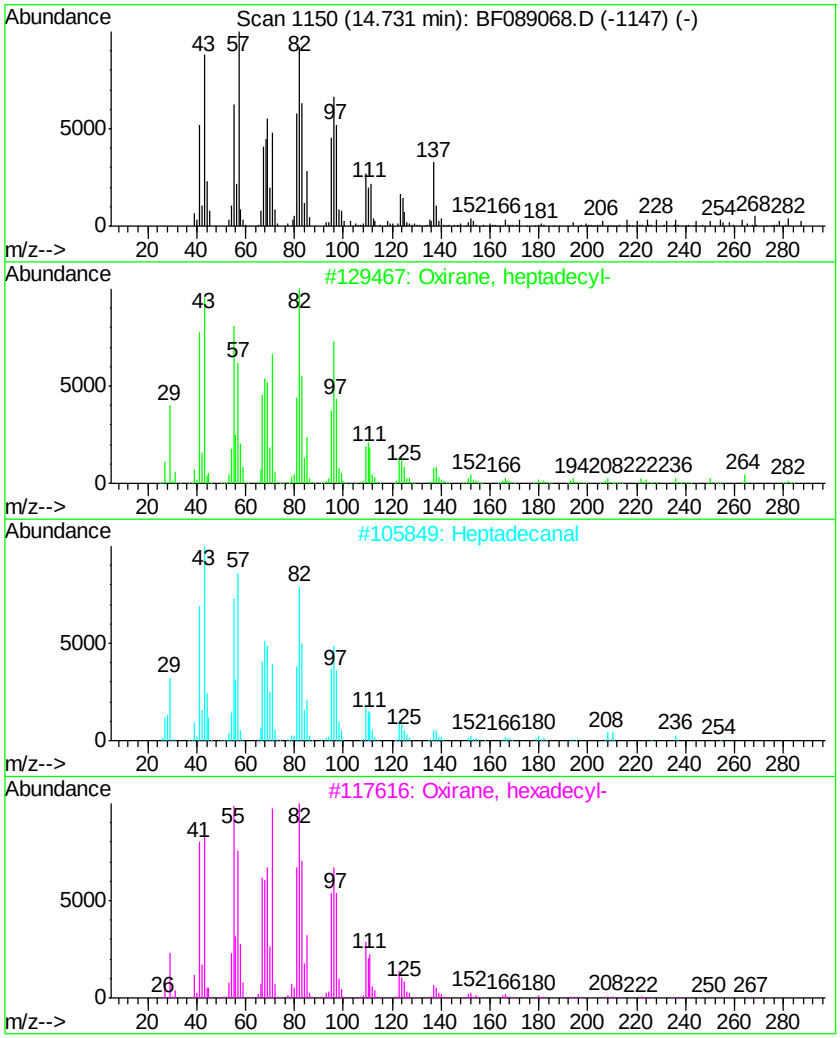
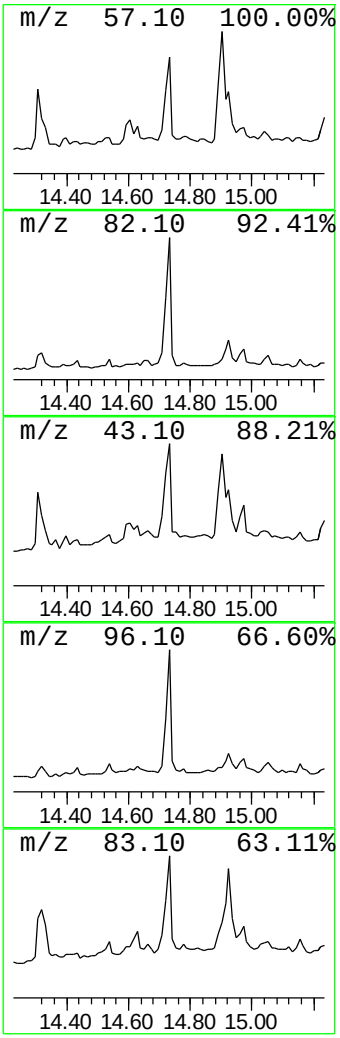
Peak Number 14 Oxirane, heptadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	28.22 ng	248779	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Heptadecanal	254	C17H34O	1000376-70-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	90





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Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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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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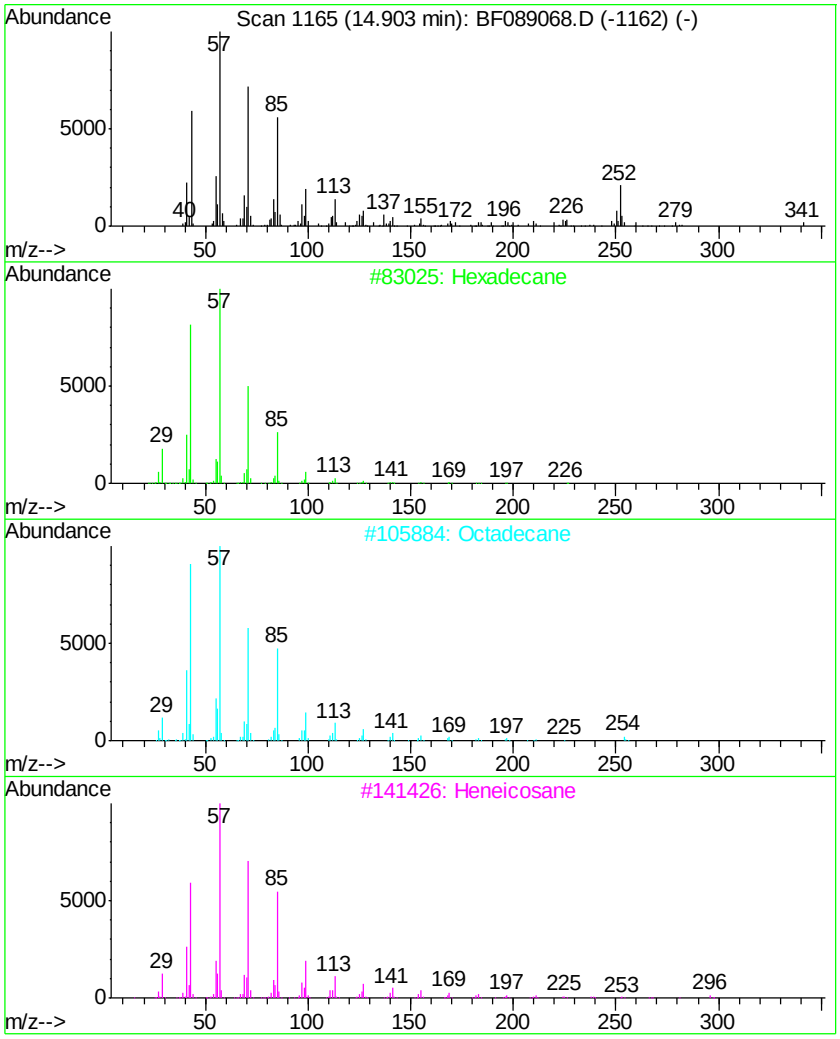
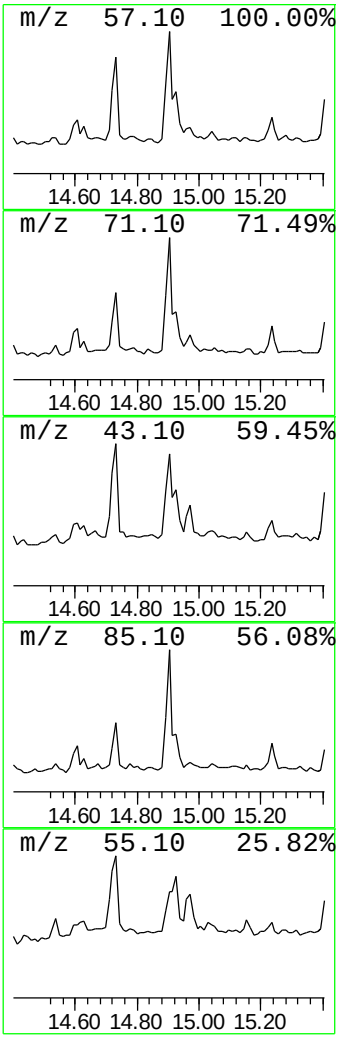
Peak Number 15 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	27.47 ng	242179	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Heneicosane	296	C21H44	000629-94-7	81
4	Tetracosane	338	C24H50	000646-31-1	76
5	Hexacosane	366	C26H54	000630-01-3	76





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Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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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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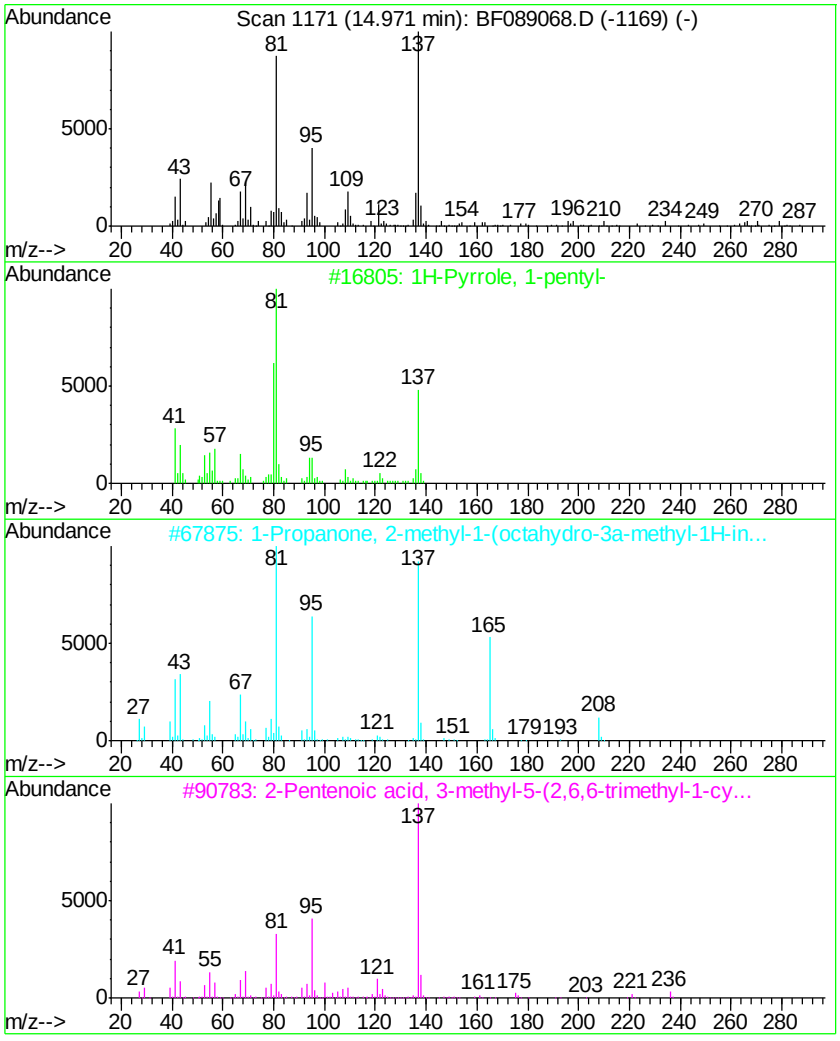
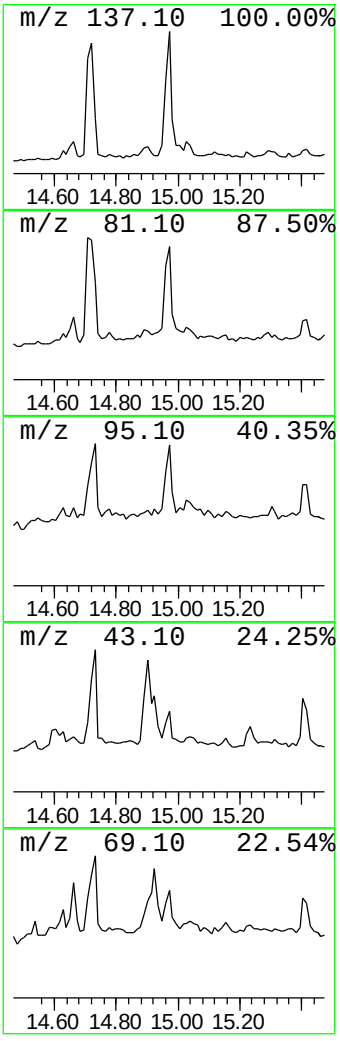
Peak Number 16 1H-Pyrrole, 1-pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	13.15 ng	115938	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	59
2	1-Propanone, 2-methyl-1-(octahyd...	208	C14H24O	066708-25-6	50
3	2-Pentenoic acid, 3-methyl-5-(2,...	236	C15H24O2	1000196-81-2	37
4	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	35
5	1,2,4-Triazolo[4,3-b][1,2,4,5]te...	137	C3H3N7	220696-99-1	35





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Instrument : BNA_F
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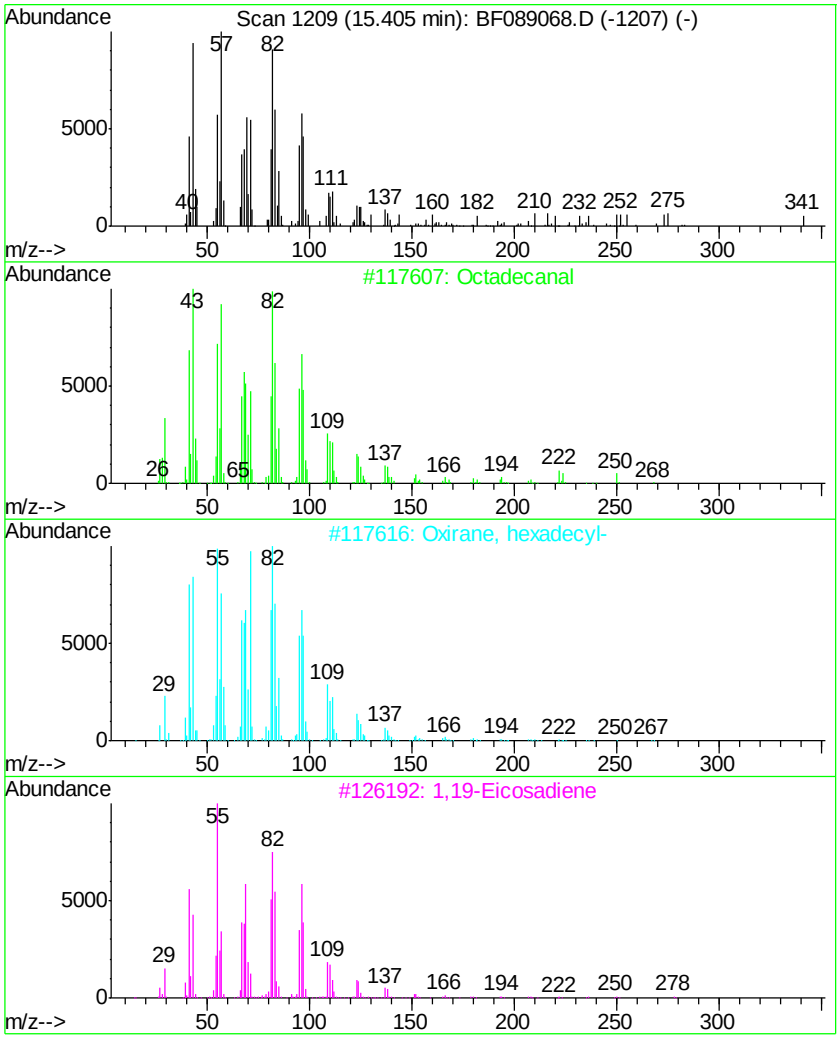
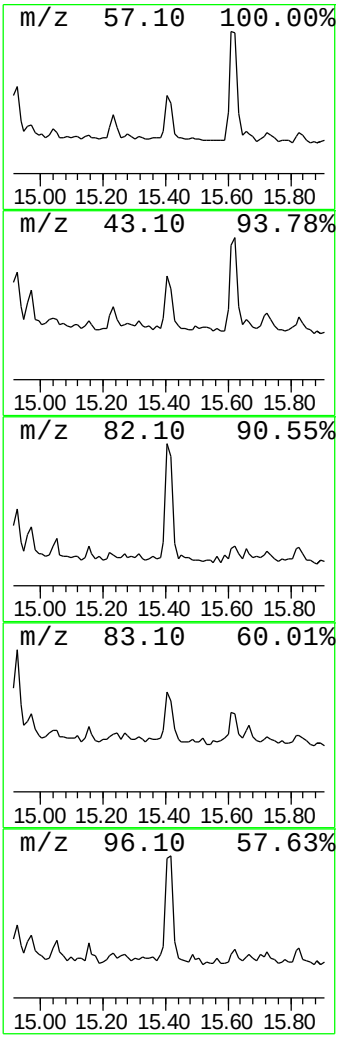
Peak Number 17 Octadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	13.42 ng	118310	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	87
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	1,19-Eicosadiene	278	C20H38	014811-95-1	81
4	14-Octadecenal	266	C18H34O	056554-89-3	80
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	74





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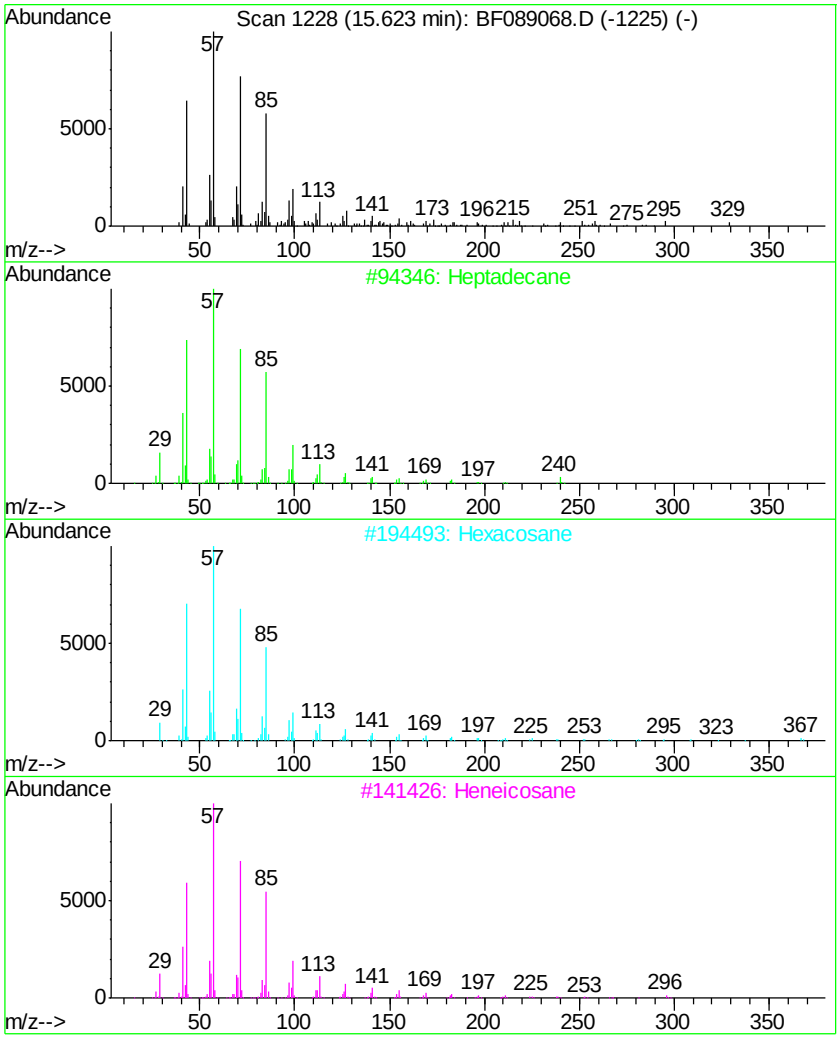
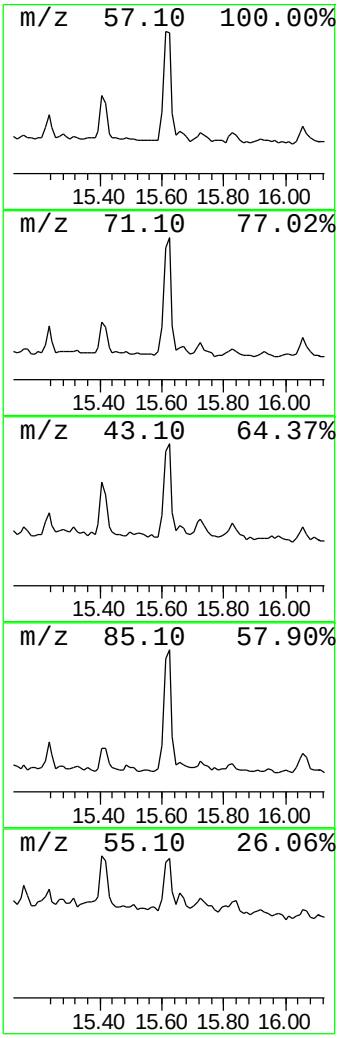
Peak Number 18 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	17.44 ng	153796	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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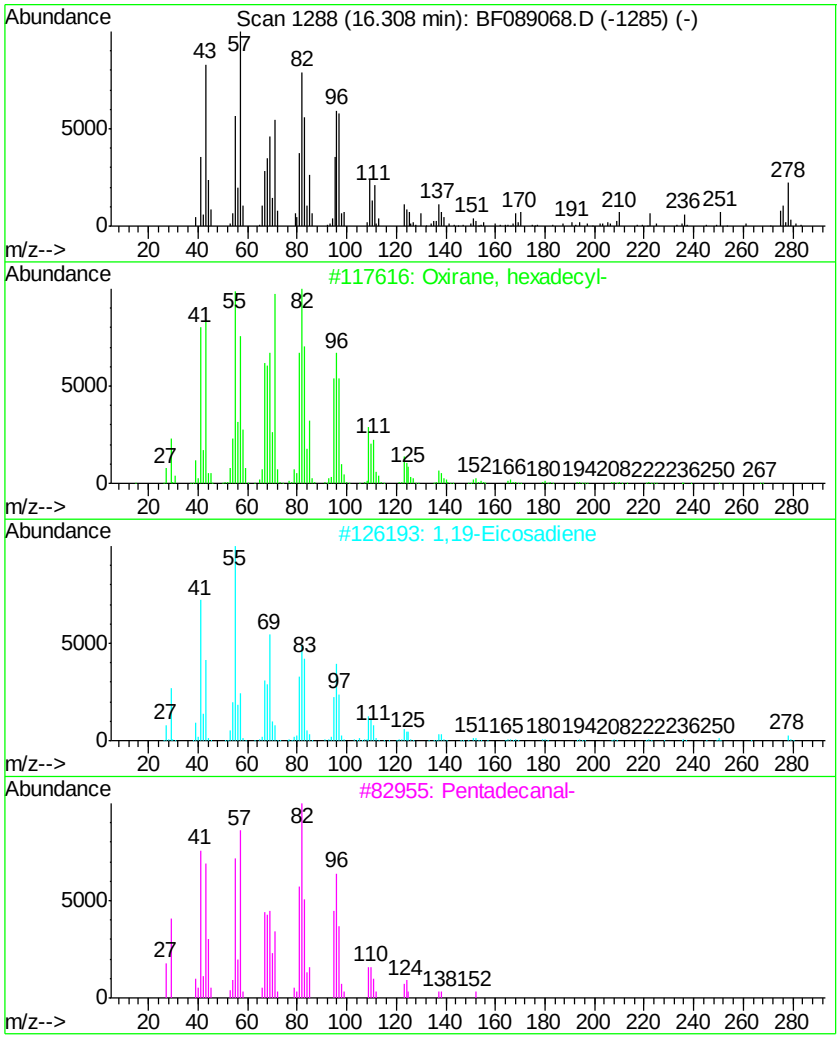
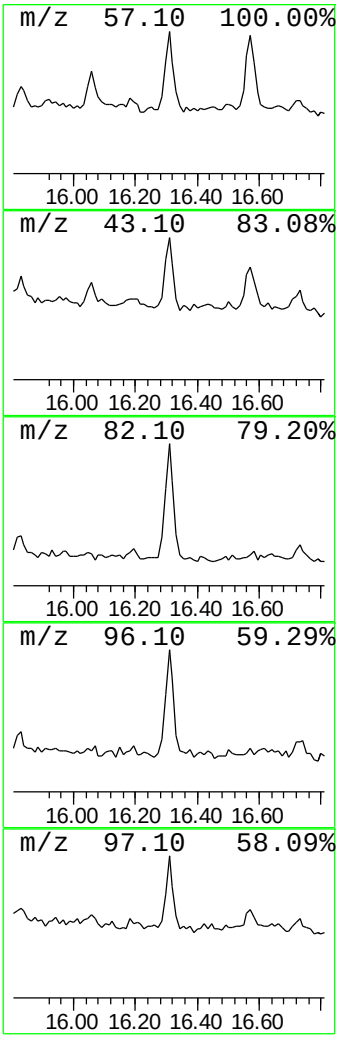
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	14.45 ng	127381	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
2	1,19-Eicosadiene	278	C20H38	014811-95-1	74
3	Pentadecanal-	226	C15H30O	002765-11-9	52
4	Heptadecanal	254	C17H34O	1000376-70-0	49
5	16-Heptadecenal	252	C17H32O	1000144-57-9	43





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TIC Library : C:\Database\NIST11.L
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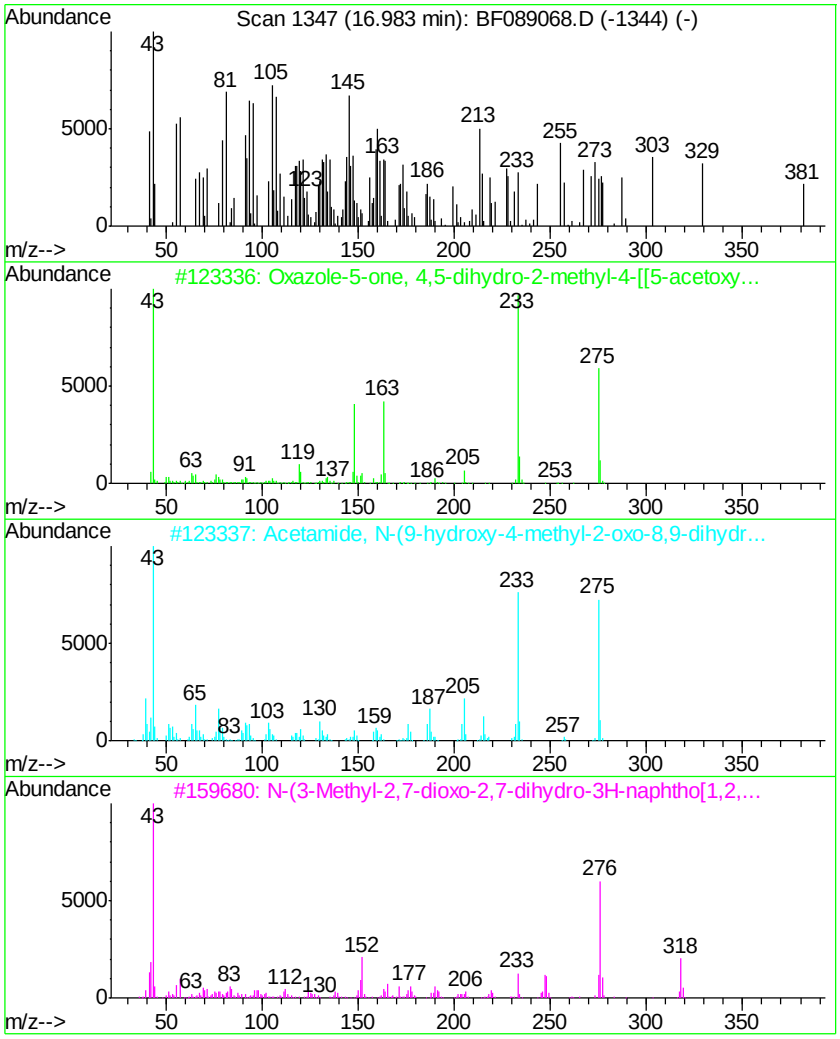
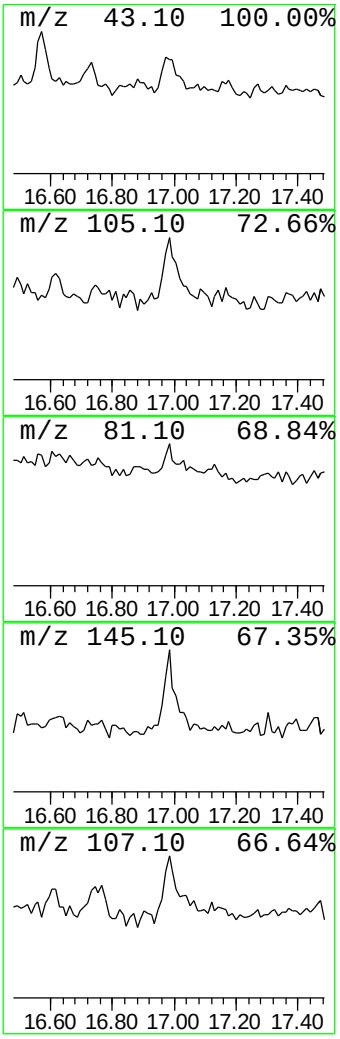
Peak Number 20 unknown16.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	13.80 ng	121643	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole-5-one, 4,5-dihydro-2-met...	275	C14H13NO5	1000124-45-6	10
2	Acetamide, N-(9-hydroxy-4-methyl...	275	C14H13NO5	1000266-13-6	9
3	N-(3-Methyl-2,7-dioxo-2,7-dihydr...	318	C19H14N2O3	1000294-39-3	9
4	Malonic acid, dodecyl 3-heptyl e...	370	C22H42O4	1000349-15-7	9
5	N-Benzoyl derivative of p-bromoa...	275	C13H10BrNO	007702-38-7	7





Tentatively Identified Compound (LSC) summary

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Data File : BF089068.D
Acq On : 16 Jul 2016 21:43
Operator : UM/SJ
Sample : H4018-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F9-B3(0-5)C

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.01	2.01	3.0	ng	47130	1	6.66	312595	20.0
2-Pentanone, 4-hy...	4.81	8.7	ng	135916	1	6.66	312595	20.0
trans-.beta.-Ocimene	5.93	5.6	ng	88198	1	6.66	312595	20.0
Camphene	6.10	4.6	ng	71249	1	6.66	312595	20.0
unknown6.44	6.44	81.3	ng	1270310	1	6.66	312595	20.0
Benzene, 1,3-dime...	12.88	5.2	ng	134936	5	13.82	522873	20.0
N,N-Dimethylindoa...	13.14	5.1	ng	132664	5	13.82	522873	20.0
4-Amino-2-(5-meth...	13.28	4.1	ng	107479	5	13.82	522873	20.0
Pentafluoropropio...	13.68	3.8	ng	98878	5	13.82	522873	20.0
Nonadecane	14.31	5.6	ng	147222	5	13.82	522873	20.0
Oxirane, heptadecyl-	14.73	28.2	ng	248779	6	15.19	176331	20.0
Hexadecane	14.90	27.5	ng	242179	6	15.19	176331	20.0
1H-Pyrrole, 1-pen...	14.97	13.2	ng	115938	6	15.19	176331	20.0
Octadecanal	15.41	13.4	ng	118310	6	15.19	176331	20.0
Heptadecane	15.62	17.4	ng	153796	6	15.19	176331	20.0
Oxirane, hexadecyl-	16.31	14.4	ng	127381	6	15.19	176331	20.0
unknown16.98	16.98	13.8	ng	121643	6	15.19	176331	20.0