LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	5.201	483	487	489	rBV	92586	93074	4.24%	0.188%
2	5.225	489	491	498	rVB	109947	105253	4.80%	0.213%
3	5.619	554	558	565	rBV	1239281	1114830	50.80%	2.256%
4	5.766	580	583	589	rVB	136691	121470	5.54%	0.246%
5	5.866	596	600	602	rVV	119829	120165	5.48%	0.243%
6	6.025	624	627	630	rVB	176751	146573	6.68%	0.297%
7	6.466	700	702	704	rVV	116710	97265	4.43%	0.197%
8	6.619	722	728	734	rVV	760131	838526	38.21%	1.697%
9	6.672	734	737	741	rBV2	68752	90461	4.12%	0.183%
10	6.748	746	750	753	rVV	2130232	1925236	87.73%	3.896%
11	6.801	756	759	763	rVV3	58349	91385	4.16%	0.185%
12	6.966	783	787	790	rBV	867155	795166	36.23%	1.609%
13	7.001	790	793	796	rVB2	122208	117652	5.36%	0.238%
14	7.125	807	814	816	rBV	2016645	1819906	82.93%	3.683%
15	7.148	816	818	821	rVV2	119200	150237	6.85%	0.304%
16	7.295	840	843	846	rBV2	185645	170628	7.78%	0.345%
17	7.360	851	854	858	rBV3	162952	237918	10.84%	0.482%
18	7.495	874	877	879	rVV2	130537	117219	5.34%	0.237%
19	7.531	879	883	886	rVV2	1854512	1986138	90.50%	4.020%
20	7.554	886	887	892	rVB3	210459	166702	7.60%	0.337%
21	7.607	892	896	898	rBV4	192010	212749	9.69%	0.431%
22	7.648	898	903	907	rVB3	296533	349081	15.91%	0.707%
23	7.731	914	917	921	rBV3	571779	563059	25.66%	1.140%
24	7.766	921	923	927	rVB3	177873	214630	9.78%	0.434%
25	7.836	932	935	940	rVB5	184455	233411	10.64%	0.472%
26	7.889	940	944	948	rBV3	338594	555381	25.31%	1.124%
27	7.972	955	958	960	rBV2	289422	359135	16.36%	0.727%
28	8.007	960	964	967	rVV4	282033	432465	19.71%	0.875%
29	8.054	968	972	974	rBV4	387387	490359	22.34%	0.992%
30	8.078	974	976	979	rVB3	392988	354202	16.14%	0.717%
31	8.107	979	981	984	rBV2	122681	109290	4.98%	0.221%
32	8.136	984	986	989	rVB3	147020	111329	5.07%	0.225%
33	8.183	989	994	995	rBV4	149100	194960	8.88%	0.395%
34	8.219	996	1000	1002	rVV3	249121	299147	13.63%	0.605%

LSC Area Percent Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.254	1002	1006	1010	rVV2	1024366	1155911	52.67%	2.339%
36	8.289	1010	1012	1016	rVB	434286	403182	18.37%	0.816%
37	8.330	1016	1019	1023	rVB4	181349	189306	8.63%	0.383%
38	8.401	1023	1031	1033	rBV4	432584	730195	33.27%	1.478%
39	8.442	1035	1038	1043	rBV2	366323	430200	19.60%	0.871%
40	8.501	1043	1048	1050	rBV3	535879	795962	36.27%	1.611%
41	8.530	1050	1053	1055	rVB2	476807	497824	22.68%	1.008%
42	8.560	1055	1058	1060	rVB2	217488	236589	10.78%	0.479%
43	8.583	1060	1062	1065	rBV3	74550	89884	4.10%	0.182%
44	8.630	1065	1070	1075	rBV6	421635	598986	27.29%	1.212%
45	8.695	1076	1081	1083	rBV3	505821	719326	32.78%	1.456%
46	8.725	1084	1086	1088	rVB3	197520	130266	5.94%	0.264%
47	8.777	1093	1095	1101	rVB3	197901	308179	14.04%	0.624%
48	8.836	1101	1105	1106	rBV3	241537	355996	16.22%	0.720%
49	8.883	1110	1113	1116	rBV4	197092	298842	13.62%	0.605%
50	8.913	1116	1118	1120	rBV	257556	227016	10.34%	0.459%
51	8.936	1120	1122	1126	rVB4	324033	434471	19.80%	0.879%
52	8.989	1126	1131	1134	rBV3	351252	519296	23.66%	1.051%
53	9.036	1134	1139	1141	rBV2	1189392	1330612	60.63%	2.693%
54	9.066	1141	1144	1147	rVV2	1106745	1108594	50.52%	2.244%
55	9.095	1147	1149	1153	rVB4	391181	513949	23.42%	1.040%
56	9.142	1153	1157	1160	rBV4	475971	631240	28.76%	1.278%
57	9.183	1160	1164	1168	rBV5	290087	495770	22.59%	1.003%
58	9.260	1173	1177	1179	rBV4	479508	713913	32.53%	1.445%
59	9.325	1185	1188	1191	rVB	2407378	2194571	100.00%	4.442%
60	9.360	1191	1194	1195	rBV	623462	509486	23.22%	1.031%
61	9.383	1195	1198	1203	rVB	1182166	1167051	53.18%	2.362%
62	9.436	1203	1207	1212	rBV7	269451	568297	25.90%	1.150%
63	9.489	1213	1216	1219	rBV	476959	457178	20.83%	0.925%
64	9.519	1219	1221	1222	rBV	218024	151054	6.88%	0.306%
65	9.630	1237	1240	1241	rBV2	348837	366589	16.70%	0.742%
66	9.654	1241	1244	1246	rVV3	534585	609576	27.78%	1.234%
67	9.677	1246	1248	1250	rVB	259558	229503	10.46%	0.464%
68	9.772	1262	1264	1269	rVB5	256614	333190	15.18%	0.674%
69	9.866	1278	1280	1282	rBV2	174673	196599	8.96%	0.398%
70	9.901	1282	1286	1288	rVV3	302854	448399	20.43%	0.908%
71	9.924	1288	1290	1293	rVB3	244488	219400	10.00%	0.444%

LSC Area Percent Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.983	1294	1300	1302	rBV2	672500	1060226	48.31%	2.146%
73	10.013	1302	1305	1307	rVB	825650	753066	34.31%	1.524%
74	10.036	1307	1309	1314	rVB4	202408	226066	10.30%	0.458%
75	10.124	1321	1324	1325	rBV3	188937	168815	7.69%	0.342%
76	10.213	1336	1339	1341	rVB	459018	450942	20.55%	0.913%
77	10.283	1348	1351	1354	rVB2	304438	328773	14.98%	0.665%
78	10.330	1354	1359	1361	rBV4	225677	349238	15.91%	0.707%
79	10.360	1361	1364	1367	rVV2	525122	685987	31.26%	1.388%
80	10.401	1367	1371	1374	rVB3	591625	772631	35.21%	1.564%
81	10.472	1380	1383	1388	rVB4	430645	515104	23.47%	1.043%
82	10.548	1390	1396	1399	rVV4	500092	938506	42.76%	1.899%
83	10.577	1399	1401	1403	rVV2	201975	169732	7.73%	0.344%
84	10.601	1403	1405	1406	rVV2	183573	158250	7.21%	0.320%
85	10.624	1407	1409	1414	rVB	388059	469078	21.37%	0.949%
86	10.730	1422	1427	1428	rBV2	204553	280059	12.76%	0.567%
87	10.807	1433	1440	1443	rVB2	1365964	1754929	79.97%	3.552%
88	10.836	1443	1445	1447	rBV3	135938	140255	6.39%	0.284%
89	10.866	1448	1450	1452	rVB2	203700	167996	7.66%	0.340%
90	10.983	1467	1470	1472	rBV	128559	112471	5.12%	0.228%
91	11.048	1479	1481	1483	rVV2	144982	116789	5.32%	0.236%
92	11.071	1483	1485	1491	rVB4	156039	179691	8.19%	0.364%
93	11.148	1496	1498	1501	rVB	170817	155372	7.08%	0.314%
94	11.230	1510	1512	1519	rVB2	143311	161743	7.37%	0.327%
95	11.501	1555	1558	1561	rBV	642608	565107	25.75%	1.144%
96	11.783	1603	1606	1609	rVB	114644	91806	4.18%	0.186%
97	12.018	1643	1646	1649	rBV2	88865	85872	3.91%	0.174%
98	13.083	1823	1827	1831	rBV	2064451	2028693	92.44%	4.106%
99	14.148	2005	2008	2012	rVB	814829	718973	32.76%	1.455%
100	15.683	2264	2269	2275	rBV	505379	652110	29.71%	1.320%

Sum of corrected areas: 49409684

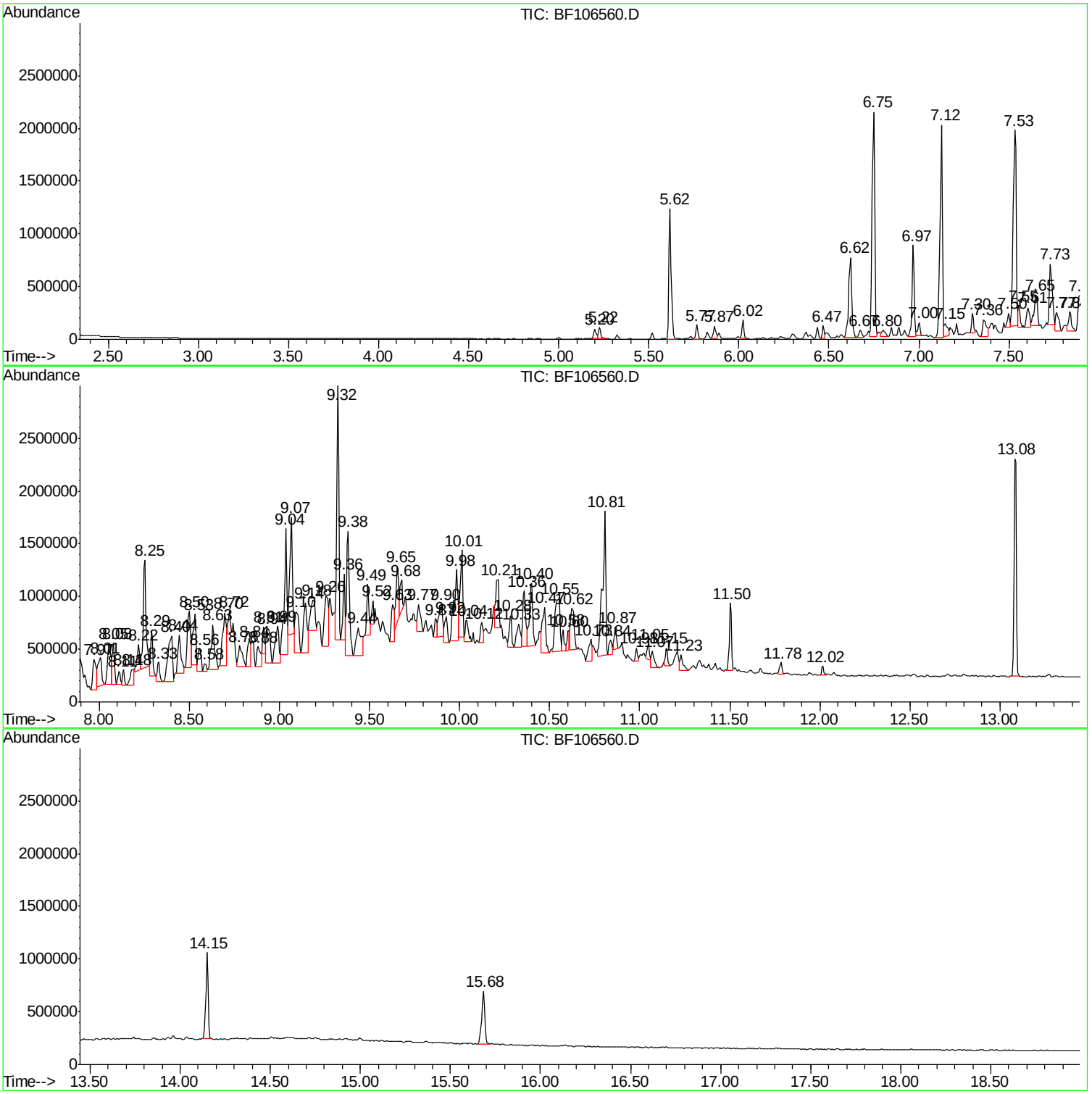
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

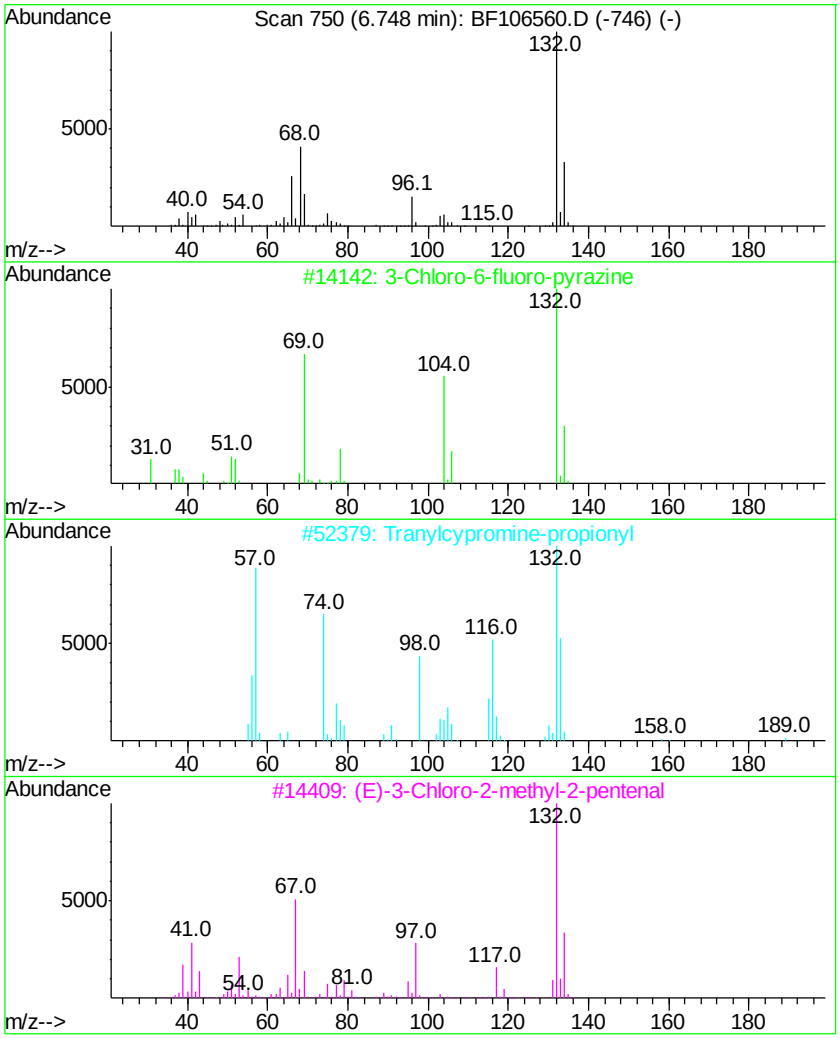
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

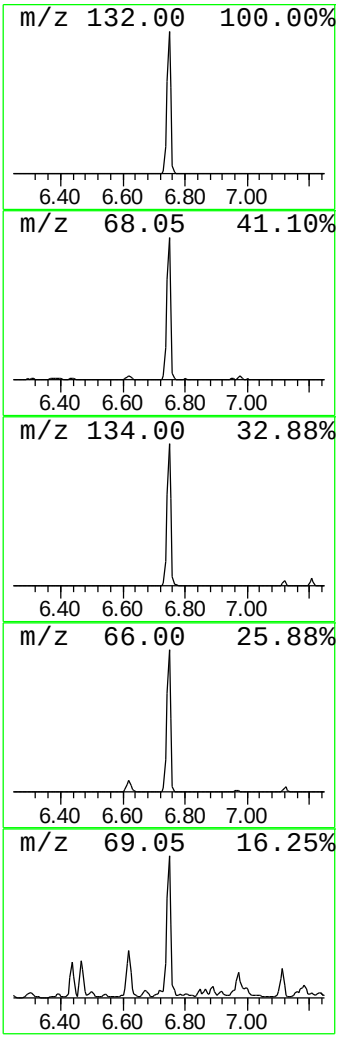
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	48.42 ng	1925240	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

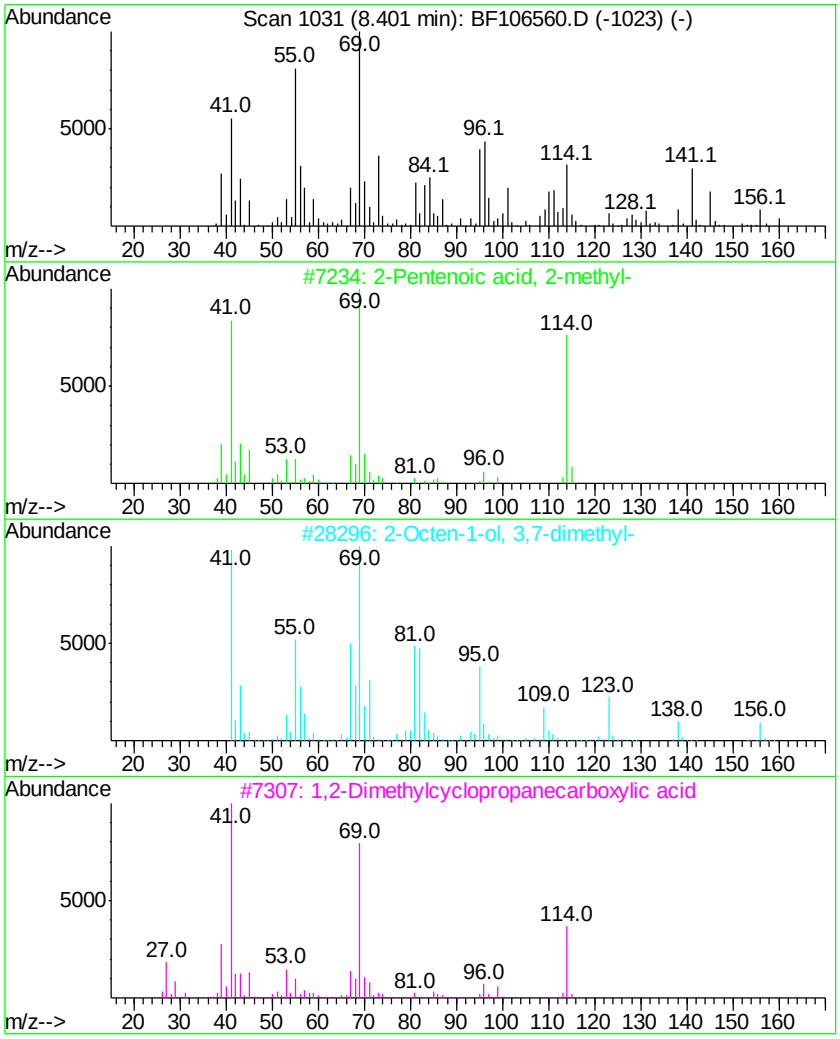
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

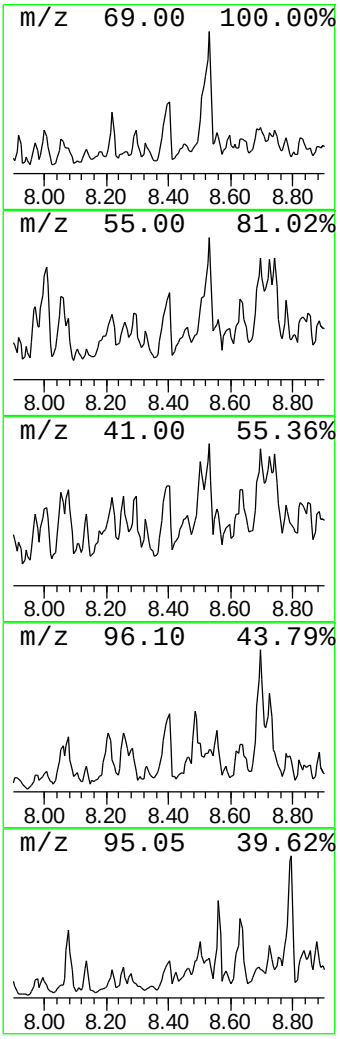
****

Peak Number 3 unknown8.40 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	12.63 ng	730195	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	38
2	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	35
3	1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	27
4	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	27
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

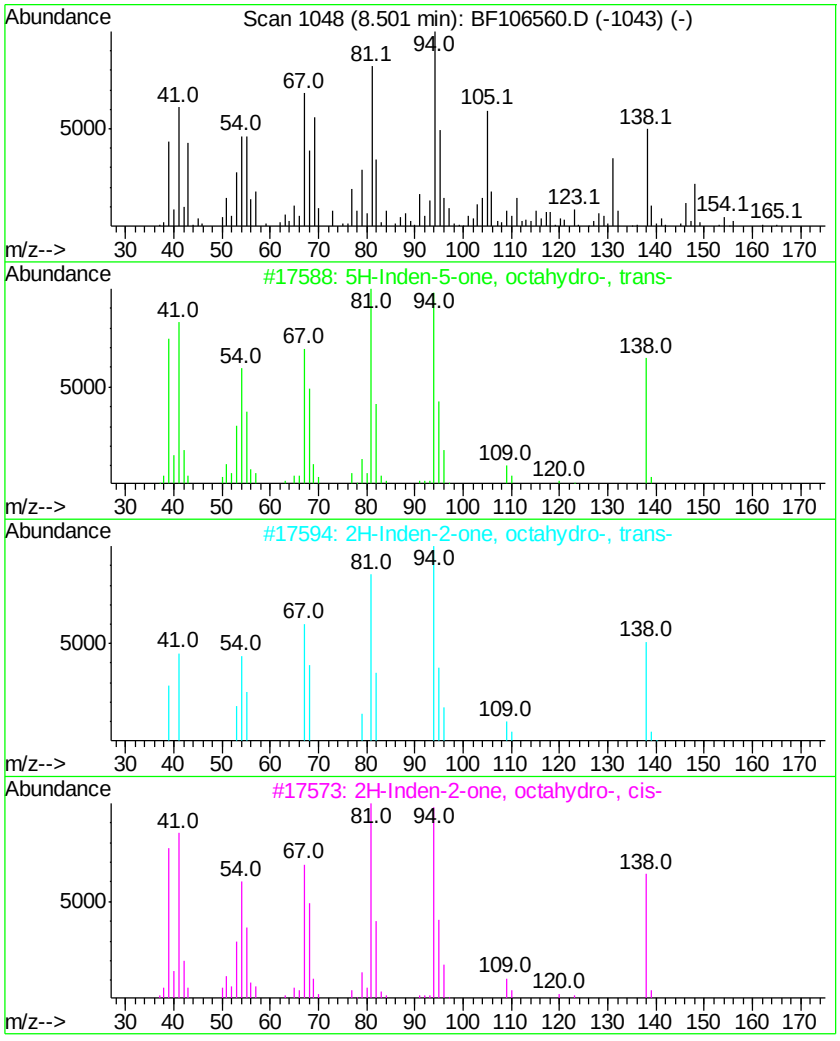
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

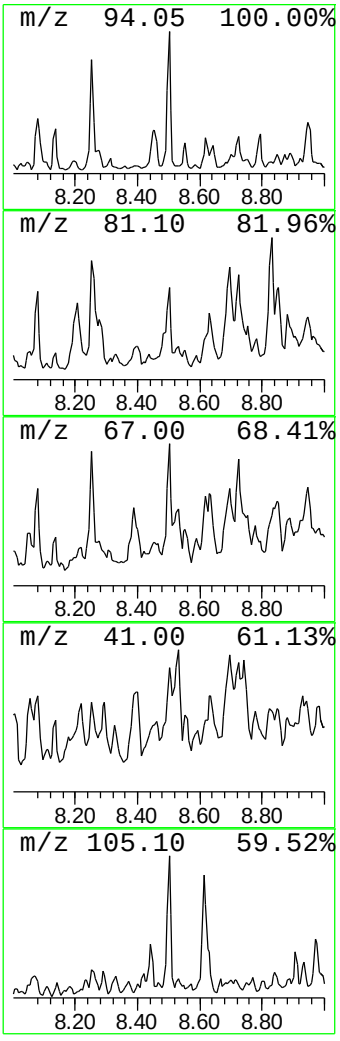
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5H-Inden-5-one, octahydro-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	13.77 ng	795962	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	96
2	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	94
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	90
4	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	81
5	Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	50





Library Search Compound Report

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Acq On : 19 Jun 2018 1:56
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Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

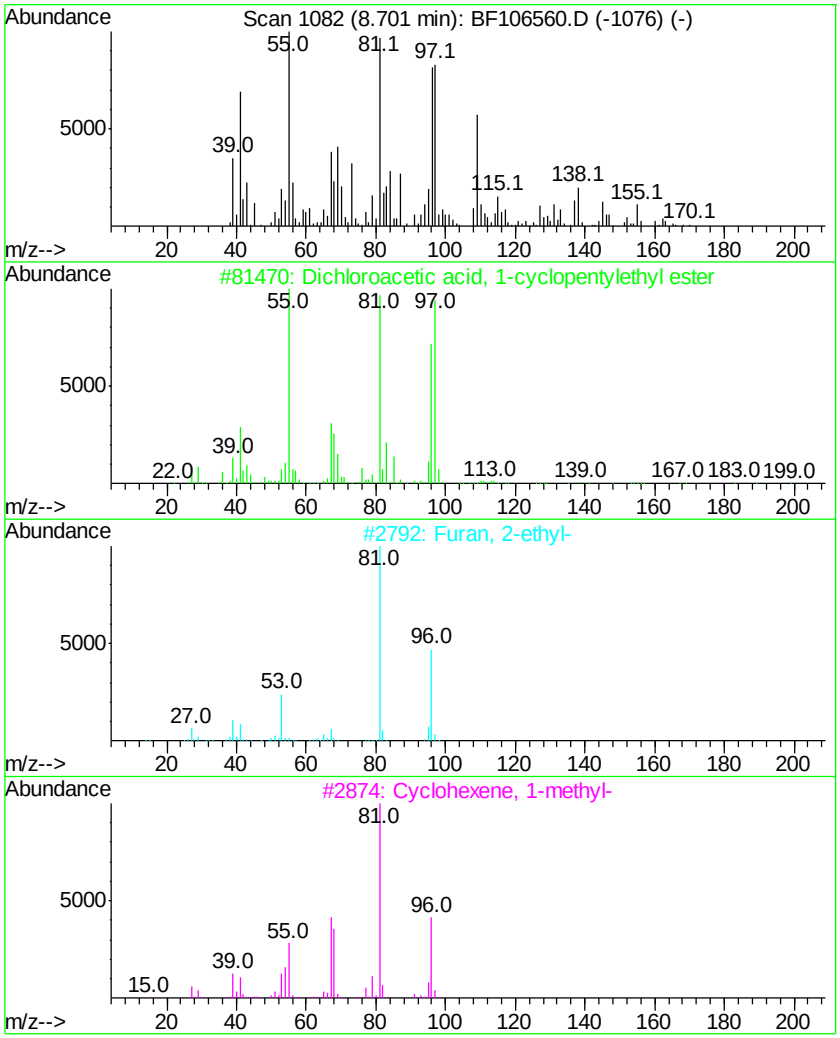
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

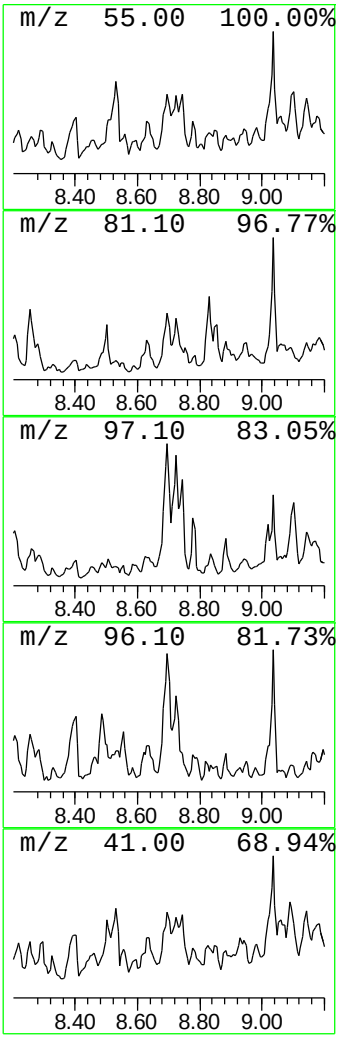
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dichloroacetic acid, 1-cycl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.45 ng	719326	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	53
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	38
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
5	trans-4-Methylcyclohexanol, hept...	310	C11H13F7O2	1000364-14-0	38





Library Search Compound Report

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Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
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Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

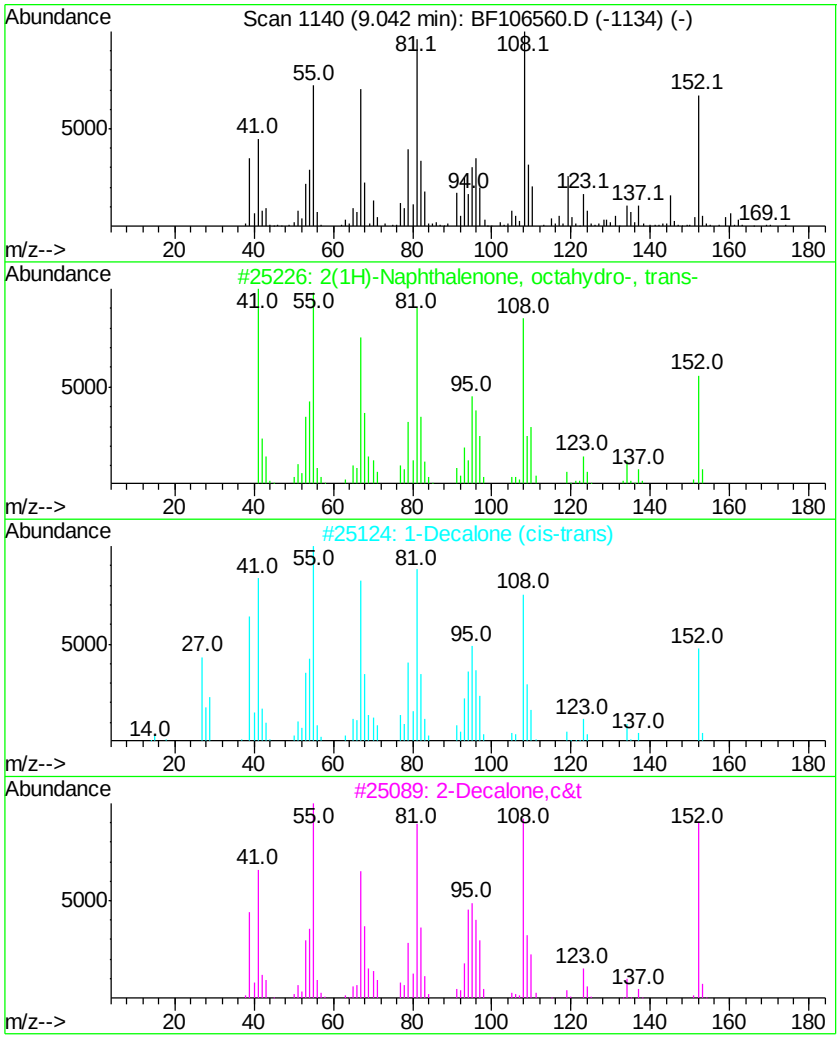
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

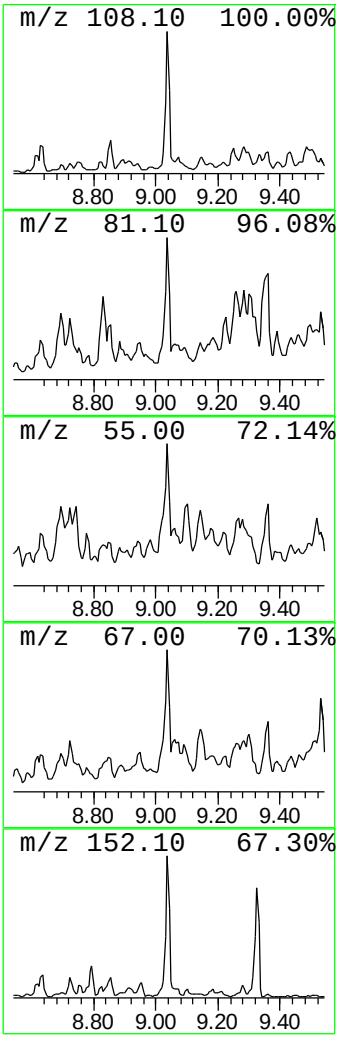
****

Peak Number 6 2(1H)-Naphthalenone, octahy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	23.02 ng	1330610	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	94
3	2-Decalone,c&t	152	C10H16O	004832-17-1	93
4	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	89
5	Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	89





Library Search Compound Report

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Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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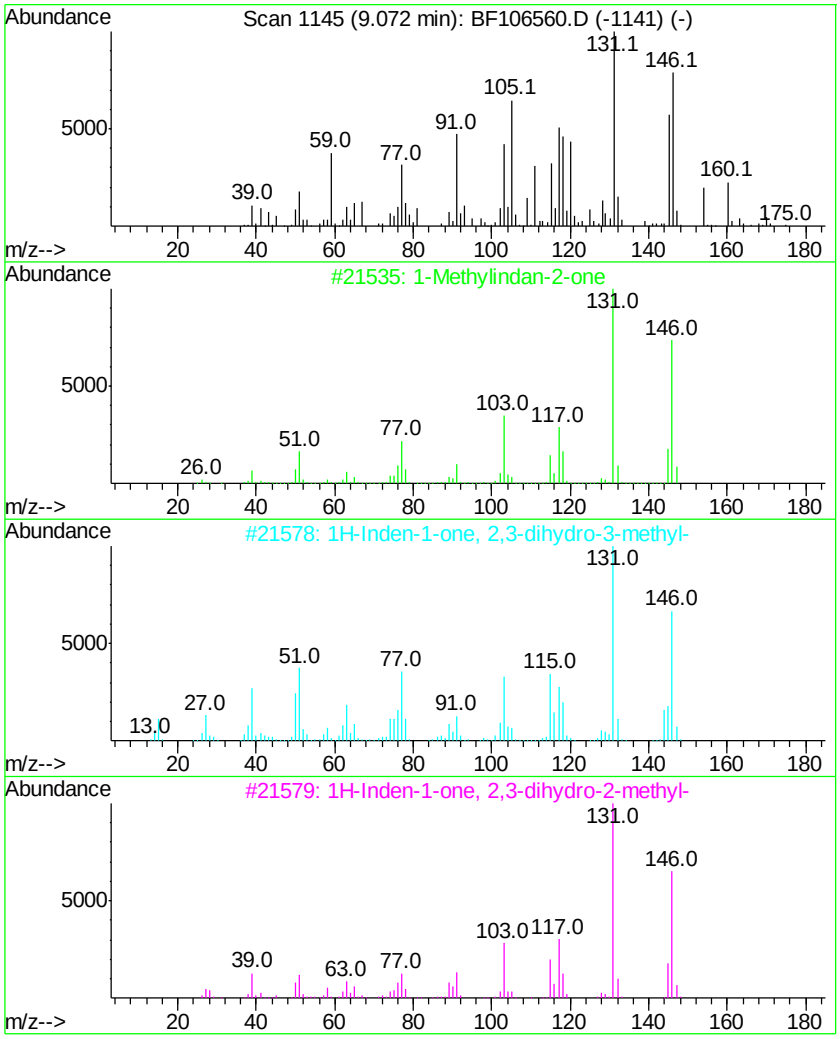
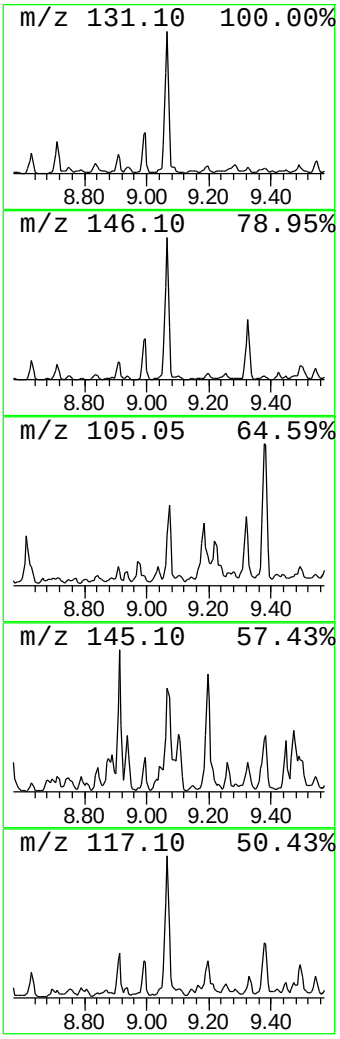
Peak Number 7 1-Methylindan-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	19.18 ng	1108590	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	95
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	81
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	76
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	49
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	47





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Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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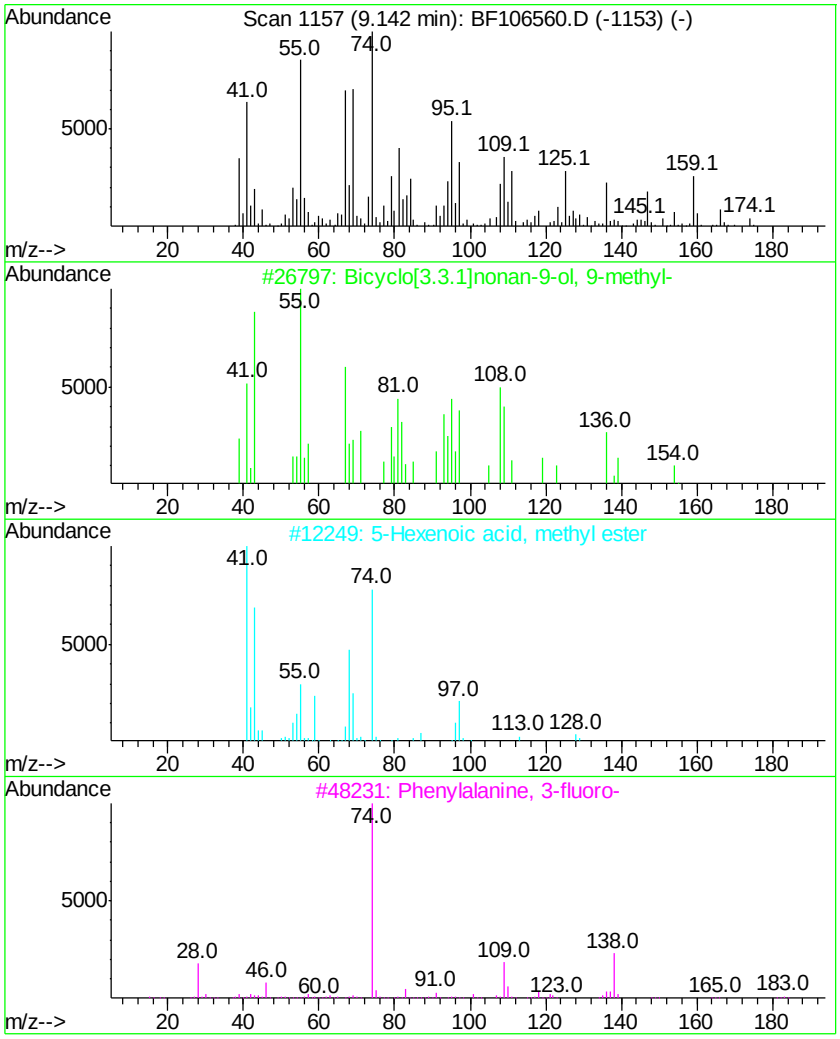
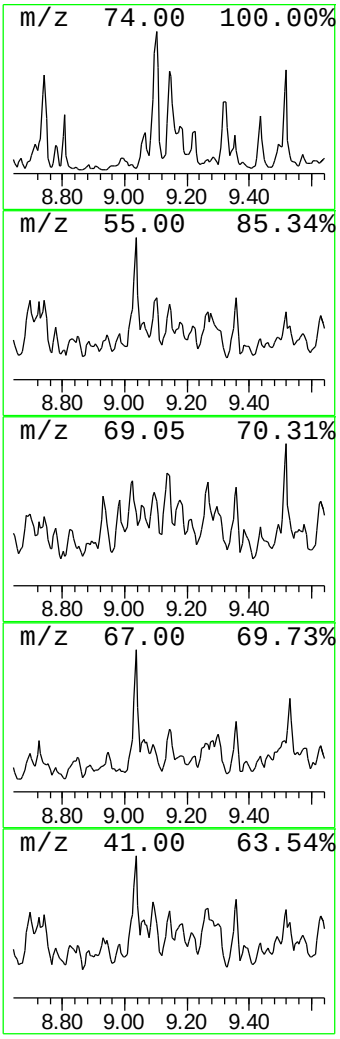
Peak Number 8 unknown9.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	16.76 ng	631240	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	38
2	5-Hexenoic acid, methyl ester	128	C7H12O2	002396-80-7	22
3	Phenylalanine, 3-fluoro-	183	C9H10FNO2	000456-88-2	12
4	4-Decyne	138	C10H18	002384-86-3	11
5	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	11





Library Search Compound Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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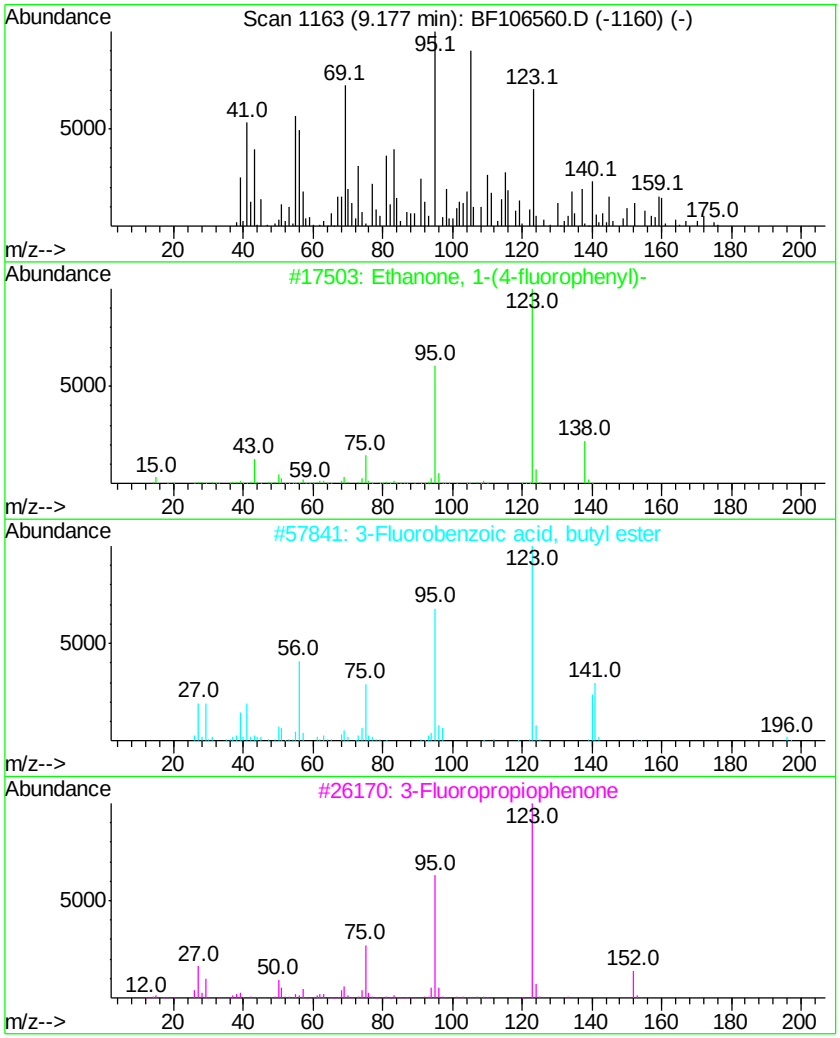
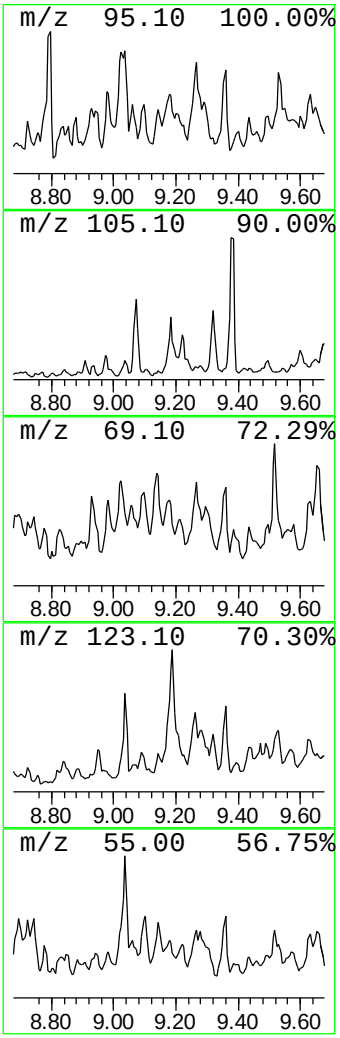
Peak Number 9 unknown9.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	13.17 ng	495770	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	27
2	3-Fluorobenzoic acid, butyl ester	196	C11H13FO2	077206-91-8	27
3	3-Fluoropropiophenone	152	C9H9FO	000455-67-4	27
4	2-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19FO2	1000278-96-6	27
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	27





Library Search Compound Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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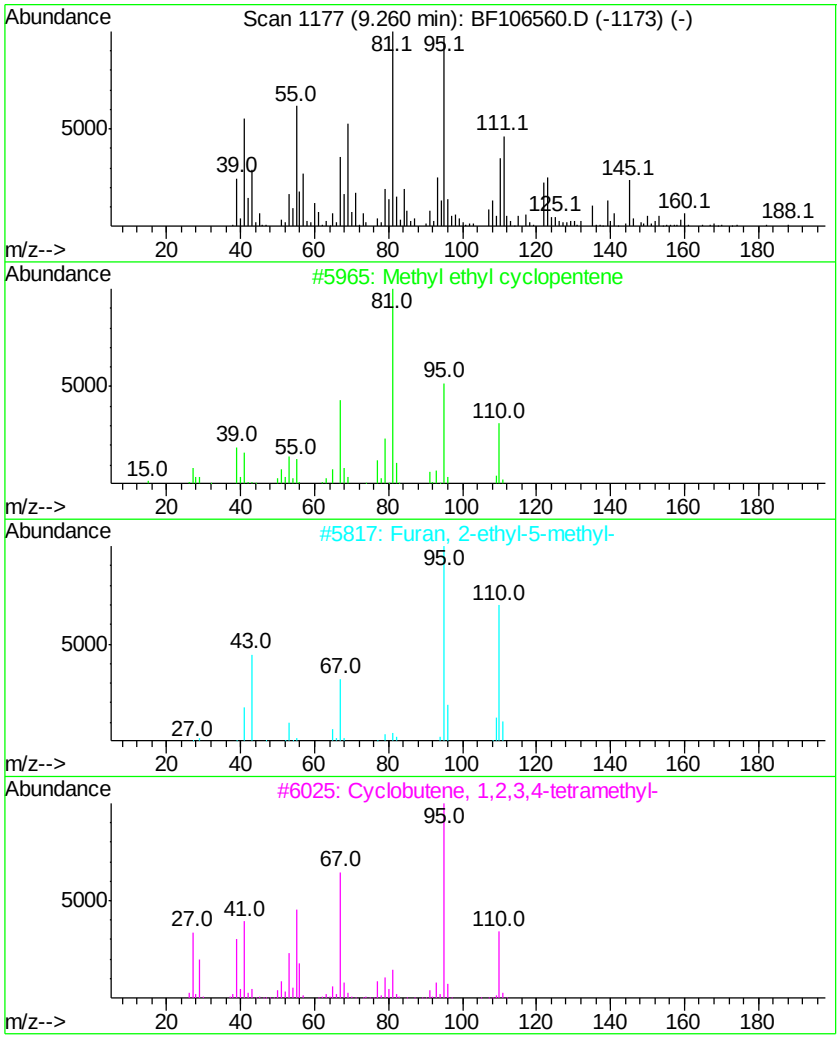
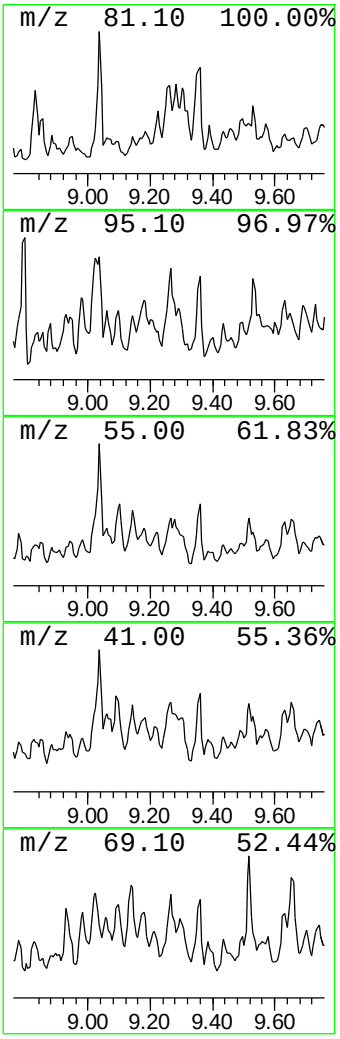
Peak Number 10 unknown9.26 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	18.96 ng	713913	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
2	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	25
3	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	22
4	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	22
5	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	22





Library Search Compound Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

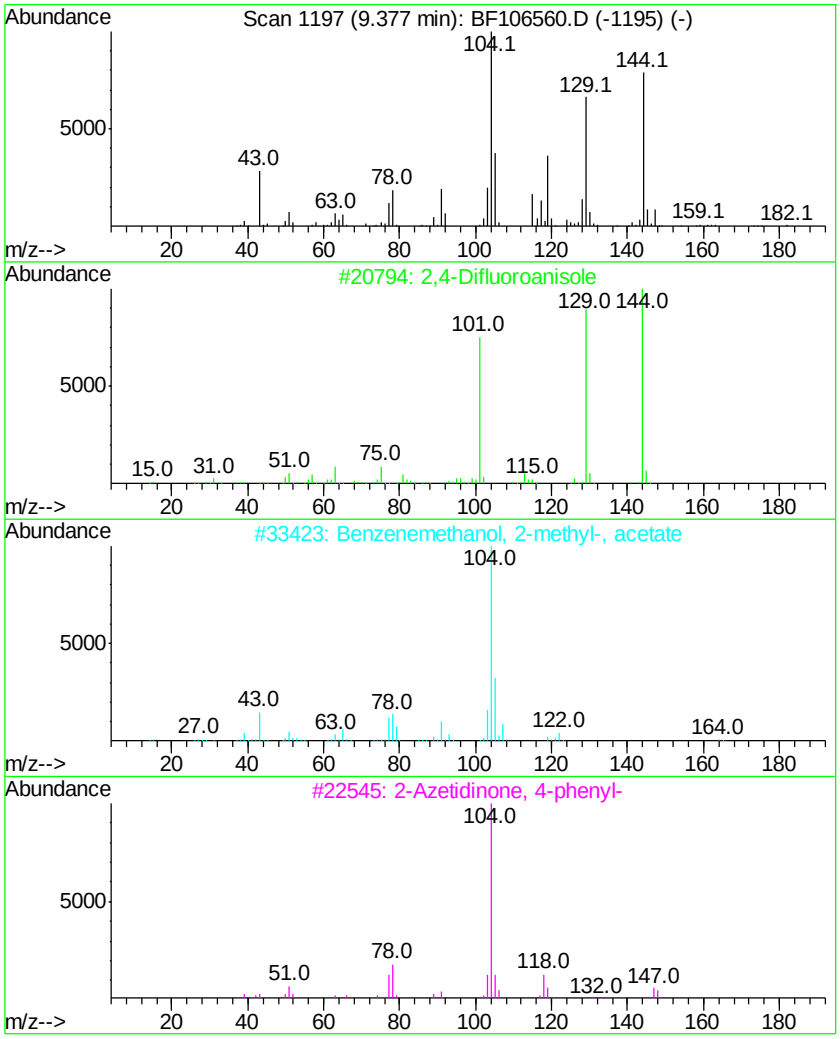
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

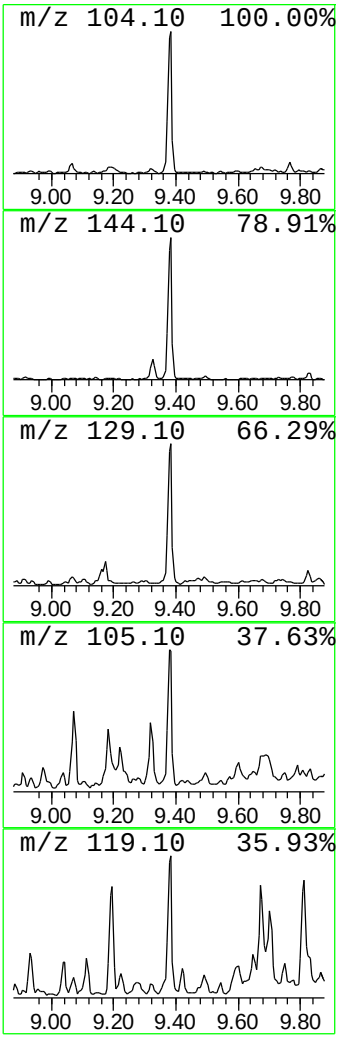
****

Peak Number 11 unknown9.38 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	30.99 ng	1167050	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	27
2	Benzenemethanol, 2-methyl-, acetate	164	C10H12O2	017373-93-2	27
3	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	27
4	1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	25
5	1,3-Benzenediol, 2-chloro-	144	C6H5ClO2	006201-65-6	22





Library Search Compound Report

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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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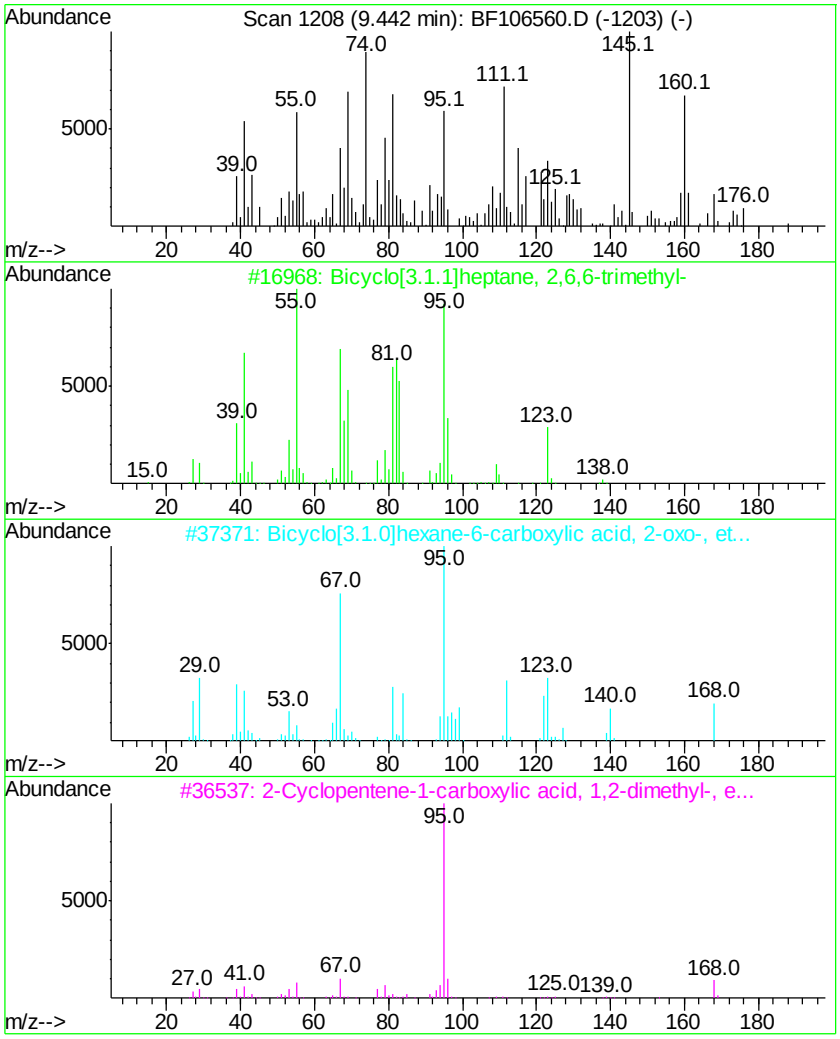
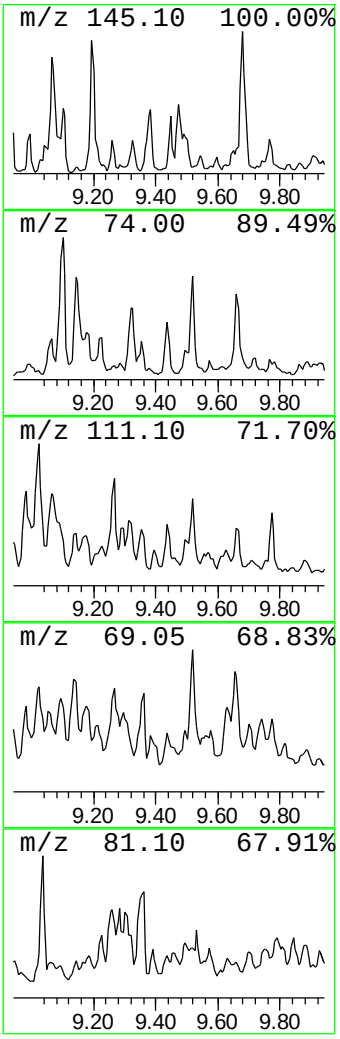
Peak Number 12 unknown9.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	15.09 ng	568297	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
2	Bicyclo[3.1.0]hexane-6-carboxyli...	168	C9H12O3	134115-59-6	38
3	2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	30
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	25
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	25





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Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

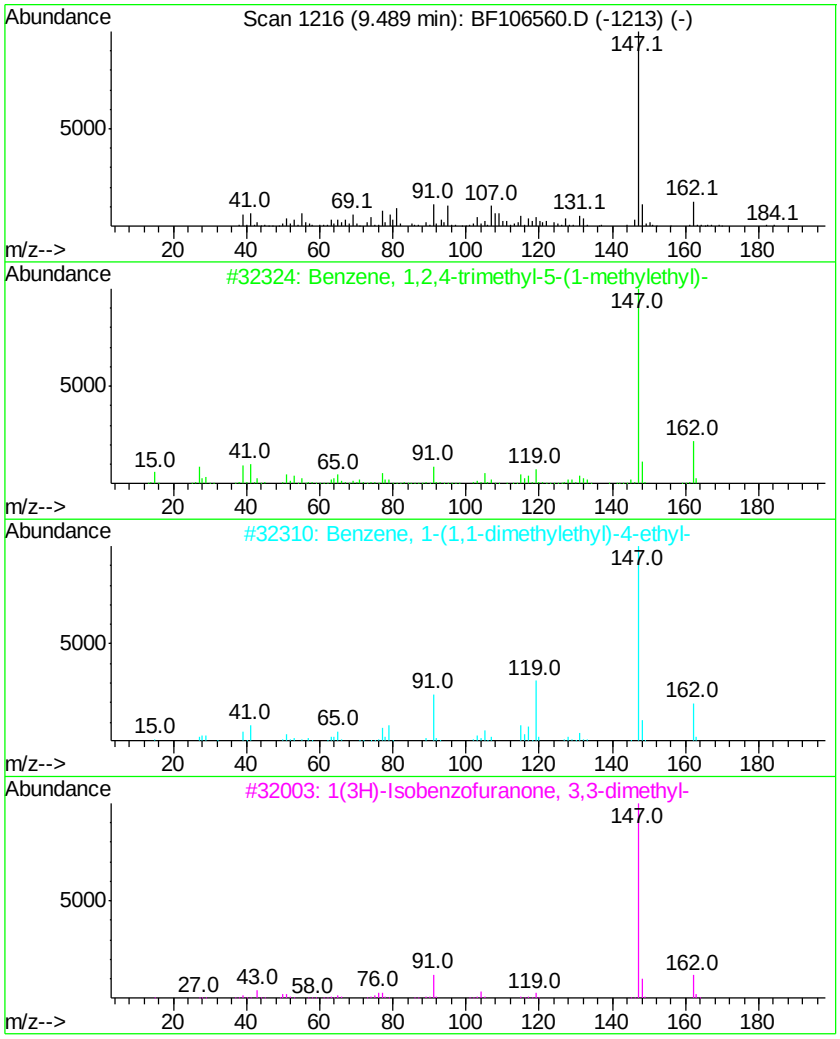
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

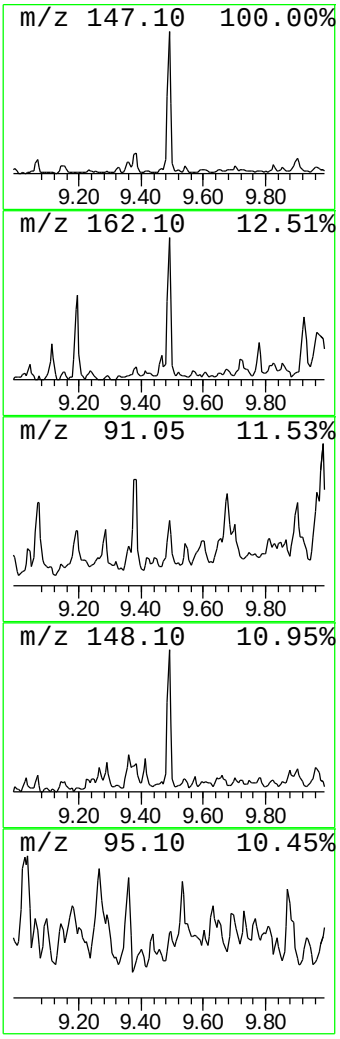
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	12.14 ng	457178	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	64
2	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	59
3	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	53
4	2,2,4,4-Tetramethyl-2,4-disilath...	162	C5H14SSi2	091521-58-3	53
5	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	53





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Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

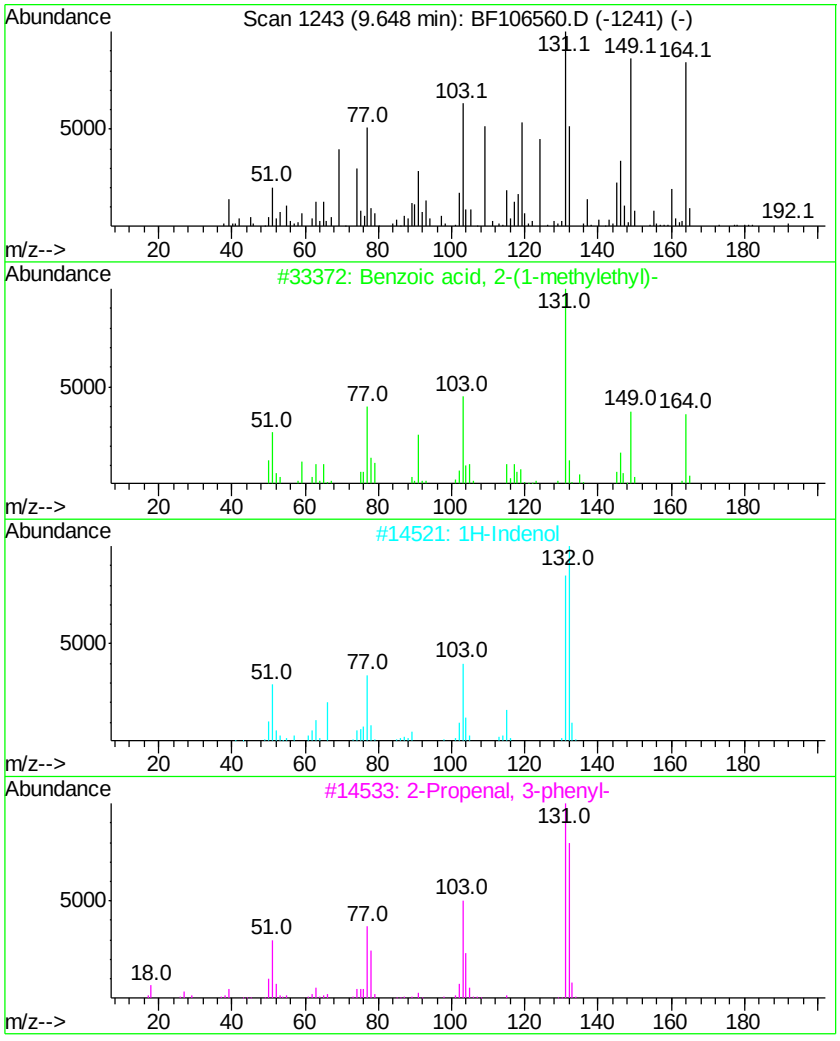
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

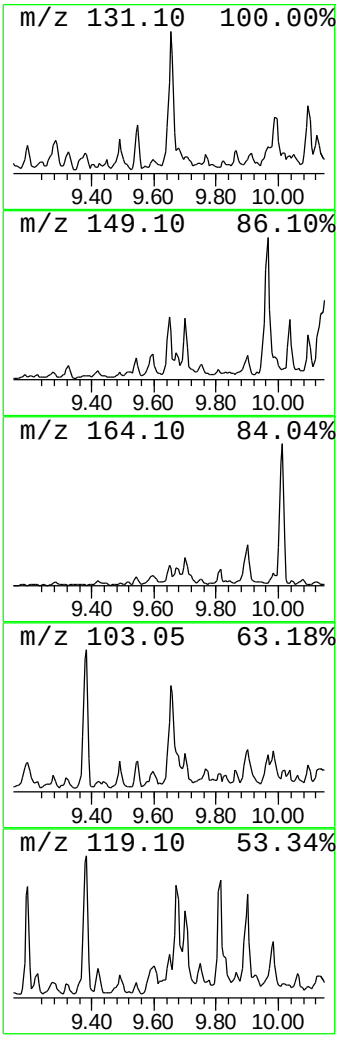
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzoic acid, 2-(1-methylet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	16.19 ng	609576	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-methylethyl)-	164	C10H12O2	002438-04-2	60
2	1H-Indenol	132	C9H8O	056631-57-3	50
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	45
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	43
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	41





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Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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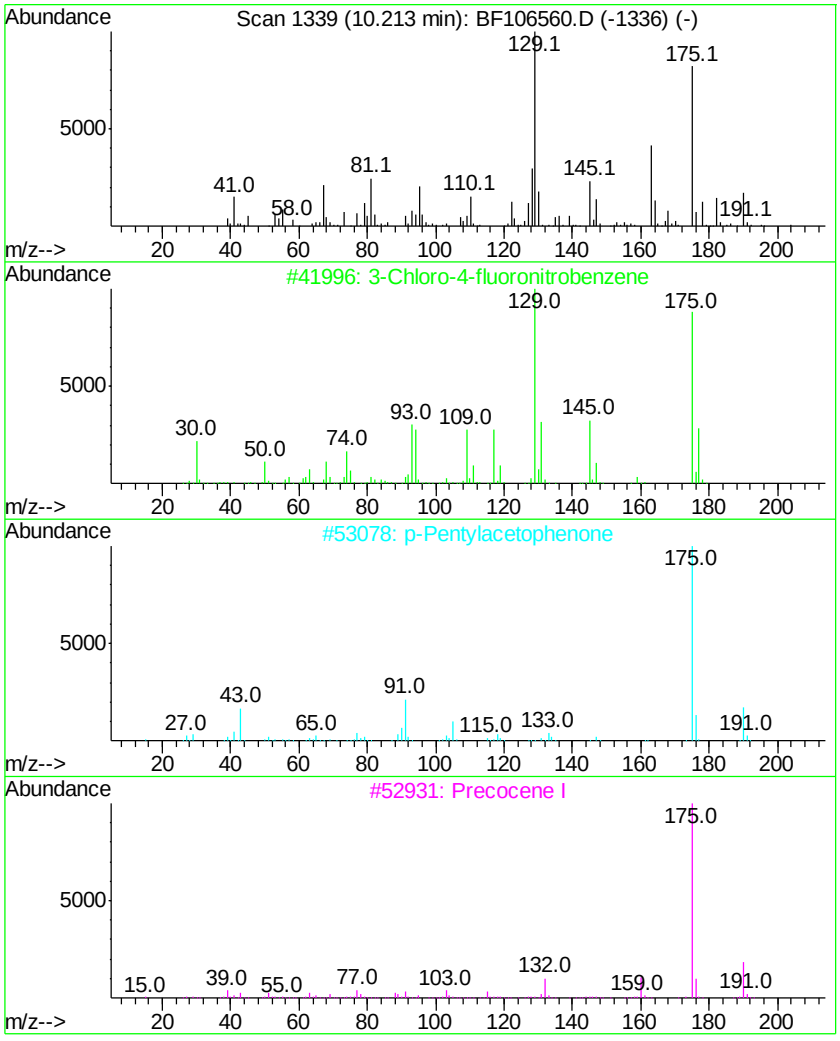
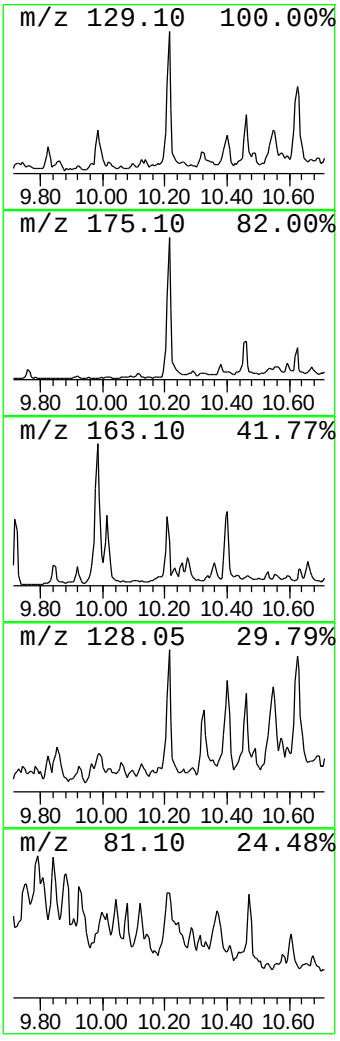
Peak Number 15 unknown10.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	11.98 ng	450942	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38
2	p-Pentylacetophenone	190	C13H18O	037593-02-5	18
3	Precocene I	190	C12H14O2	017598-02-6	14
4	2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	10
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	10





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Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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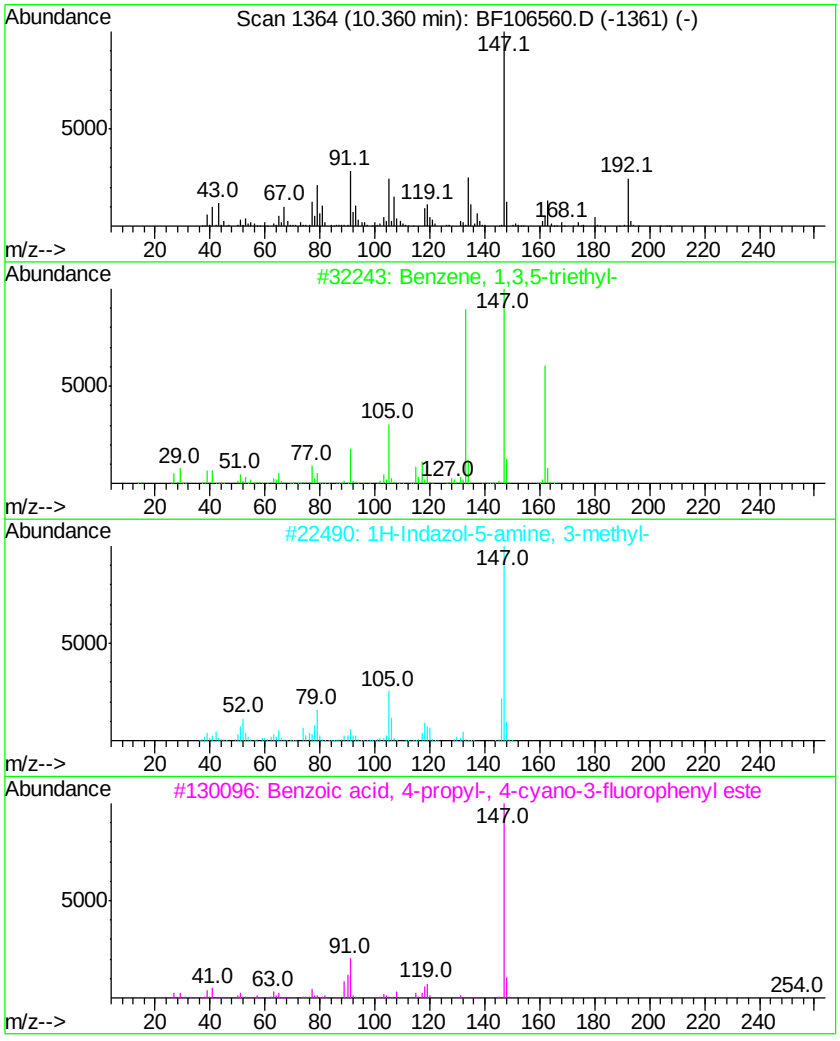
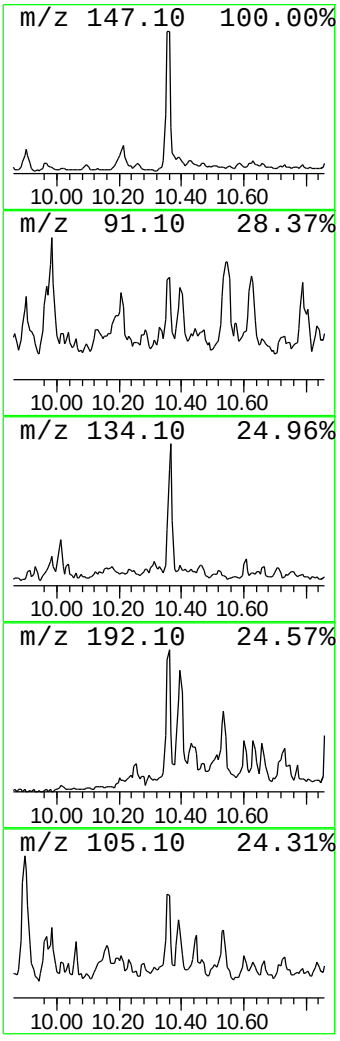
Peak Number 16 Benzene, 1,3,5-triethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	18.22 ng	685987	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	53
2	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
4	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	43
5	Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	43





Library Search Compound Report

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Sample : J3564-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-16

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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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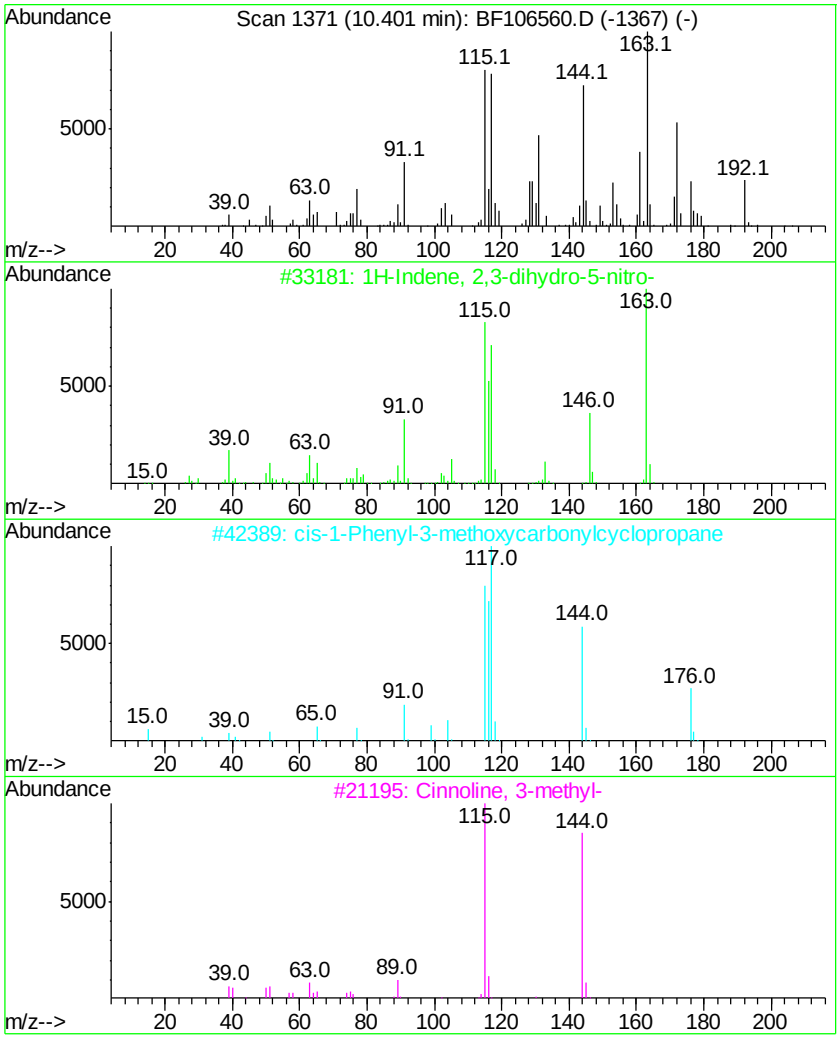
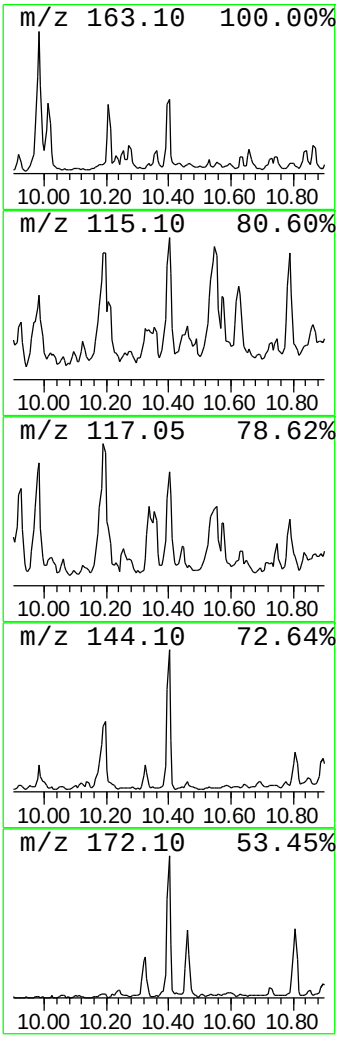
Peak Number 17 unknown10.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	20.52 ng	772631	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	45
2	cis-1-Phenyl-3-methoxycarbonylcy...	176	C11H12O2	1000311-93-4	38
3	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	25
4	Benzenepropanenitrile, .beta.-im...	144	C9H8N2	016187-90-9	25
5	Furan, 3-phenyl-	144	C10H8O	013679-41-9	25





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Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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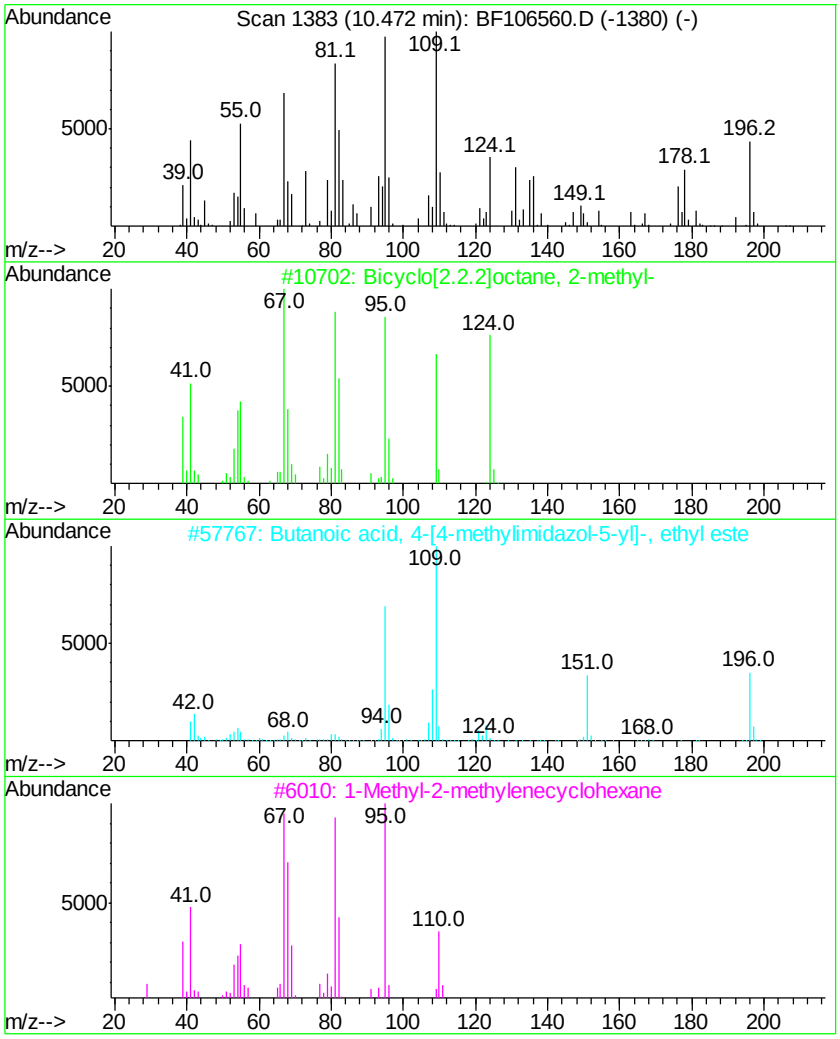
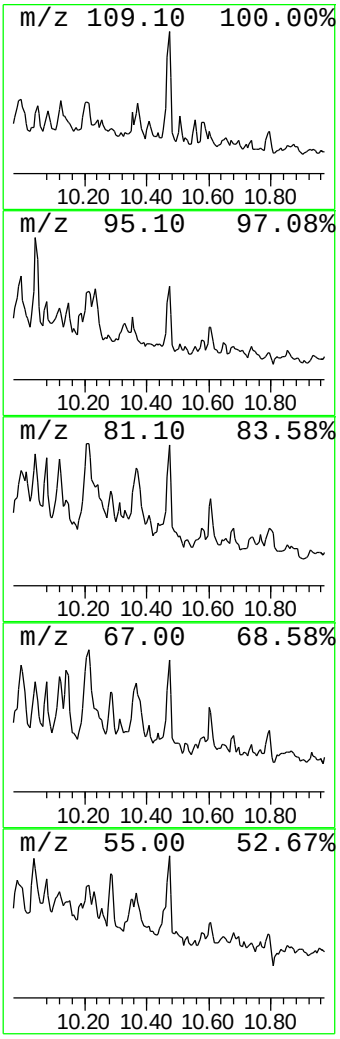
Peak Number 18 unknown10.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	13.68 ng	515104	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	49
2	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	45
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	30
4	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	30
5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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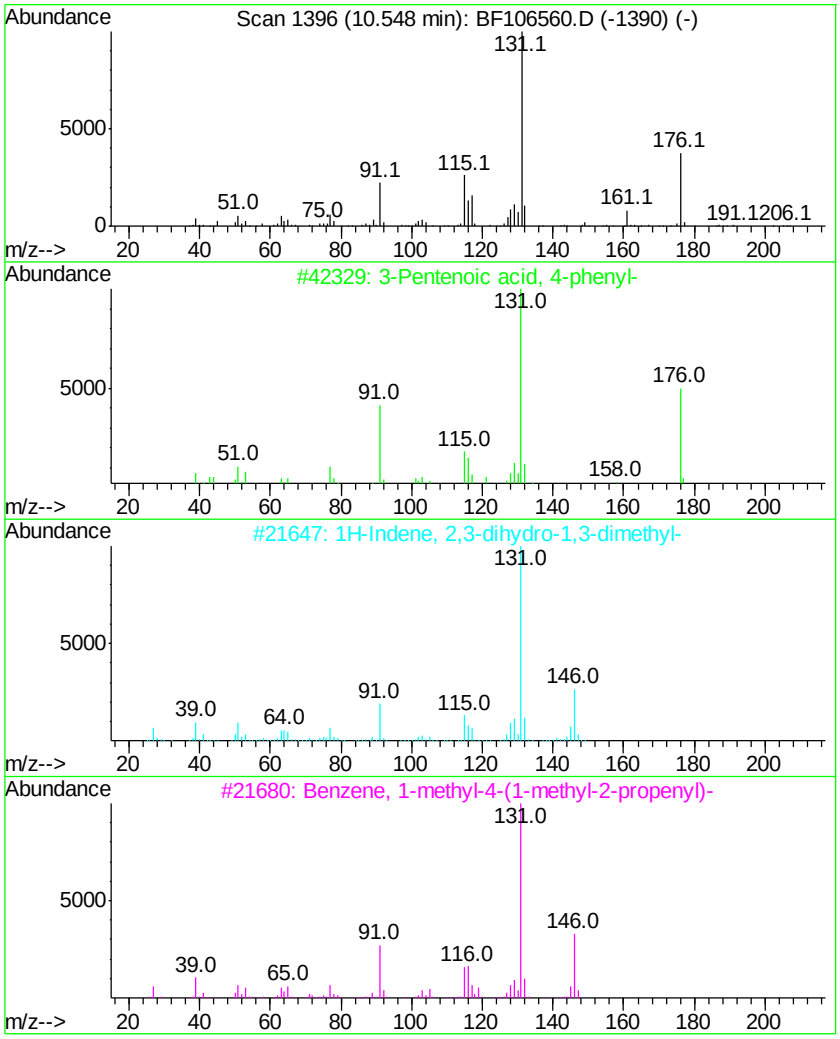
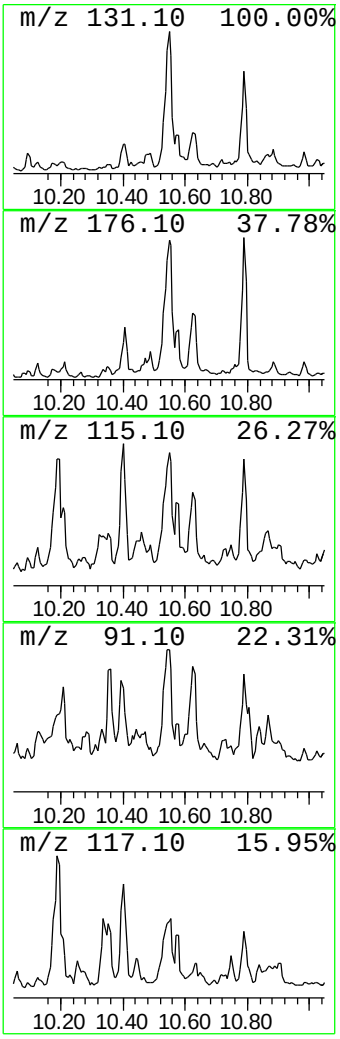
Peak Number 19 3-Pentenoic acid, 4-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	24.92 ng	938506	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	83
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	72
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	64
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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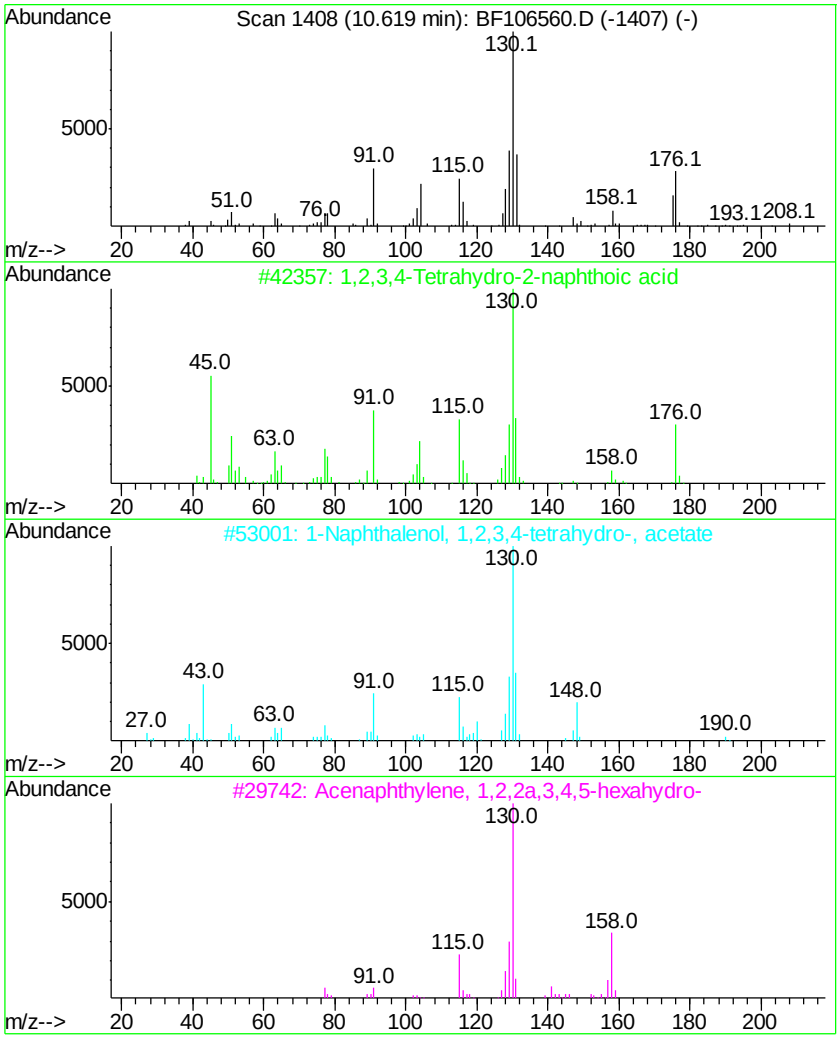
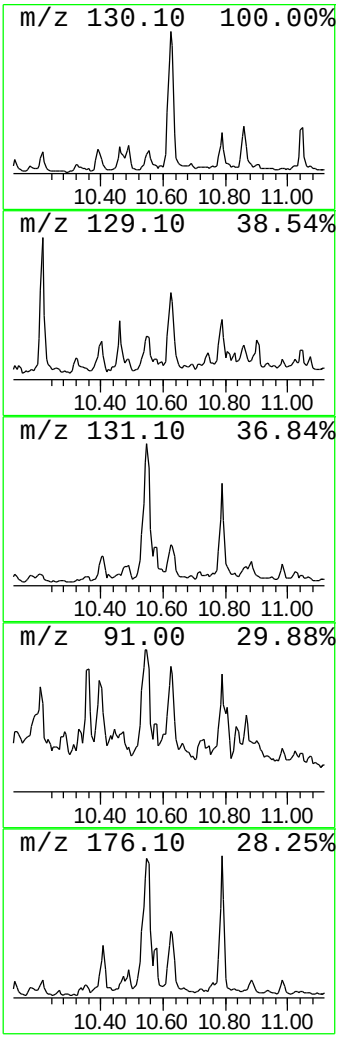
Peak Number 20 1,2,3,4-Tetrahydro-2-naphth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	12.46 ng	469078	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-2-naphthoic acid	176	C11H12O2	053440-12-3	91
2	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	59
3	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	53
4	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-78-1	50
5	Aziridine, 1-(1,2,3,4-tetrahydro...	173	C12H15N	023853-53-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106560.D
Acq On : 19 Jun 2018 1:56
Operator : JU/SJ
Sample : J3564-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
unknown6.75	6.75	48.4	ng	1925240	1	6.97	795166	20.0
unknown8.40	8.40	12.6	ng	730195	2	8.25	1155910	20.0
5H-Inden-5-one, o...	8.50	13.8	ng	795962	2	8.25	1155910	20.0
Dichloroacetic ac...	8.70	12.4	ng	719326	2	8.25	1155910	20.0
2(1H)-Naphthaleno...	9.04	23.0	ng	1330610	2	8.25	1155910	20.0
1-Methylindan-2-one	9.07	19.2	ng	1108590	2	8.25	1155910	20.0
unknown9.14	9.14	16.8	ng	631240	3	10.01	753066	20.0
unknown9.18	9.18	13.2	ng	495770	3	10.01	753066	20.0
unknown9.26	9.26	19.0	ng	713913	3	10.01	753066	20.0
unknown9.38	9.38	31.0	ng	1167050	3	10.01	753066	20.0
unknown9.44	9.44	15.1	ng	568297	3	10.01	753066	20.0
Benzene, 1,2,4-tr...	9.49	12.1	ng	457178	3	10.01	753066	20.0
Benzoic acid, 2-(...	9.65	16.2	ng	609576	3	10.01	753066	20.0
unknown10.21	10.21	12.0	ng	450942	3	10.01	753066	20.0
Benzene, 1,3,5-tr...	10.36	18.2	ng	685987	3	10.01	753066	20.0
unknown10.40	10.40	20.5	ng	772631	3	10.01	753066	20.0
unknown10.47	10.47	13.7	ng	515104	3	10.01	753066	20.0
3-Pentenoic acid,...	10.55	24.9	ng	938506	3	10.01	753066	20.0
1,2,3,4-Tetrahydr...	10.62	12.5	ng	469078	3	10.01	753066	20.0