LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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	5.195	483	486	493	rBV	115104	127775	4.26%	0.419%
2	5.613	553	557	565	rBV	1567746	1486764	49.62%	4.881%
3	6.136	641	646	649	rBV2	59909	61632	2.06%	0.202%
4	6.607	723	726	734	rBV	1124360	966605	32.26%	3.173%
5	6.742	745	749	753	rBV	2416950	2369894	79.09%	7.780%
6	6.901	771	776	777	rBV2	31127	33410	1.11%	0.110%
7	6.966	783	787	790	rVB	850666	687486	22.94%	2.257%
8	7.125	809	814	816	rBV	2438478	2293230	76.53%	7.528%
9	7.142	816	817	822	rVB	428647	303305	10.12%	0.996%
10	7.207	825	828	831	rBV2	56919	49911	1.67%	0.164%
11	7.278	836	840	842	rBV	45477	44243	1.48%	0.145%
12	7.301	842	844	847	rVV	85909	67279	2.25%	0.221%
13	7.360	850	854	862	rVB2	81051	95091	3.17%	0.312%
14	7.495	870	877	879	rBV	160443	167157	5.58%	0.549%
15	7.530	879	883	886	rVB	2098107	2143998	71.55%	7.038%
16	7.601	891	895	900	rVV4	142139	184326	6.15%	0.605%
17	7.648	900	903	906	rVV	143178	114739	3.83%	0.377%
18	7.707	906	913	915	rVV3	69186	91309	3.05%	0.300%
19	7.725	915	916	919	rVV	93777	75417	2.52%	0.248%
20	7.772	921	924	927	rVB2	61347	67890	2.27%	0.223%
21	7.807	927	930	932	rBV	51483	39983	1.33%	0.131%
22	7.848	932	937	939	rVB3	37296	47569	1.59%	0.156%
23	7.889	940	944	947	rBV2	194158	200064	6.68%	0.657%
24	7.930	947	951	954	rVB2	85958	104218	3.48%	0.342%
25	7.983	956	960	963	rBV	224349	222299	7.42%	0.730%
26	8.054	968	972	974	rBV2	52468	64441	2.15%	0.212%
27	8.107	979	981	984	rBV	41880	31340	1.05%	0.103%
28	8.142	984	987	989	rBV2	55566	59911	2.00%	0.197%
29	8.248	996	1005	1010	rBV	1011352	1068790	35.67%	3.509%
30	8.289	1010	1012	1015	rVB2	142591	117001	3.90%	0.384%
31	8.319	1015	1017	1021	rVB2	61325	57944	1.93%	0.190%
32	8.366	1021	1025	1028	rBV3	91144	104591	3.49%	0.343%
33	8.442	1035	1038	1040	rBV	347666	260387	8.69%	0.855%
34	8.489	1043	1046	1050	rVB	338343	261837	8.74%	0.860%

LSC Area Percent Report

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Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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	8.530	1050	1053	1057	rBV5	46296	82628	2.76%	0.271%
36	8.630	1066	1070	1072	rBV	140886	127945	4.27%	0.420%
37	8.672	1072	1077	1080	rBV3	116467	195452	6.52%	0.642%
38	8.713	1080	1084	1088	rVB4	64317	99210	3.31%	0.326%
39	8.801	1095	1099	1103	rBV3	124306	142444	4.75%	0.468%
40	8.860	1107	1109	1112	rVV4	56781	61670	2.06%	0.202%
41	8.889	1112	1114	1115	rVV	50234	36684	1.22%	0.120%
42	8.907	1115	1117	1120	rVV2	80541	85085	2.84%	0.279%
43	8.936	1120	1122	1124	rVB	60697	44867	1.50%	0.147%
44	9.024	1133	1137	1139	rBV4	41479	61081	2.04%	0.201%
45	9.060	1140	1143	1146	rVV2	372999	379832	12.68%	1.247%
46	9.101	1146	1150	1152	rVB2	132080	162697	5.43%	0.534%
47	9.172	1158	1162	1167	rVB3	110152	189499	6.32%	0.622%
48	9.207	1167	1168	1170	rBV2	50935	37274	1.24%	0.122%
49	9.260	1170	1177	1183	rVB10	72806	158701	5.30%	0.521%
50	9.324	1183	1188	1191	rBV	3102345	2996442	100.00%	9.836%
51	9.354	1191	1193	1198	rVB3	129638	108284	3.61%	0.355%
52	9.442	1205	1208	1211	rBV3	148543	143763	4.80%	0.472%
53	9.495	1214	1217	1222	rVB6	64944	87439	2.92%	0.287%
54	9.566	1226	1229	1231	rBV4	34585	39855	1.33%	0.131%
55	9.666	1243	1246	1250	rBV3	186206	200245	6.68%	0.657%
56	9.713	1251	1254	1261	rVB	171902	203137	6.78%	0.667%
57	9.777	1261	1265	1267	rBV2	171493	172801	5.77%	0.567%
58	9.819	1270	1272	1275	rVB2	118772	107136	3.58%	0.352%
59	9.860	1275	1279	1282	rVB	120786	122196	4.08%	0.401%
60	9.907	1282	1287	1291	rVB5	141032	217424	7.26%	0.714%
61	9.948	1291	1294	1297	rBV5	75107	83617	2.79%	0.274%
62	10.007	1297	1304	1306	rBV	1232319	1566949	52.29%	5.144%
63	10.083	1314	1317	1318	rBV	76729	57768	1.93%	0.190%
64	10.177	1329	1333	1336	rBV5	32767	52614	1.76%	0.173%
65	10.213	1336	1339	1341	rBV	65820	70544	2.35%	0.232%
66	10.277	1348	1350	1353	rBV3	50344	67973	2.27%	0.223%
67	10.313	1353	1356	1360	rVV2	336503	374141	12.49%	1.228%
68	10.366	1363	1365	1367	rBV	77793	56343	1.88%	0.185%
69	10.395	1367	1370	1372	rBV4	47172	61713	2.06%	0.203%
70	10.419	1372	1374	1375	rBV	43028	33365	1.11%	0.110%
71	10.560	1393	1398	1404	rBV3	115064	210669	7.03%	0.692%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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Peak separation: 5

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

72	10.636	1407	1411	1414	rVB4	65622	89865	3.00%	0.295%
73	10.742	1424	1429	1432	rVV2	240126	275641	9.20%	0.905%
74	10.801	1435	1439	1442	rVV	1725787	1632567	54.48%	5.359%
75	10.848	1445	1447	1452	rVV6	57280	102001	3.40%	0.335%
76	10.895	1452	1455	1459	rVB2	49720	66162	2.21%	0.217%
77	10.960	1464	1466	1470	rVB2	94292	83530	2.79%	0.274%
78	11.107	1488	1491	1494	rBV	53457	48273	1.61%	0.158%
79	11.189	1502	1505	1508	rBV	44207	41853	1.40%	0.137%
80	11.377	1534	1537	1540	rBV	91328	77373	2.58%	0.254%
81	11.501	1554	1558	1561	rBV	751770	677785	22.62%	2.225%
82	12.007	1642	1644	1647	rBV	41833	41613	1.39%	0.137%
83	13.083	1823	1827	1831	rBV	2559628	2679039	89.41%	8.794%
84	13.965	1974	1977	1984	rVB3	37129	44291	1.48%	0.145%
85	14.148	2004	2008	2012	rBV	921723	785304	26.21%	2.578%
86	15.001	2150	2153	2157	rBV	136402	133531	4.46%	0.438%
87	15.683	2263	2269	2280	rBV	538123	712571	23.78%	2.339%

Sum of corrected areas: 30462722

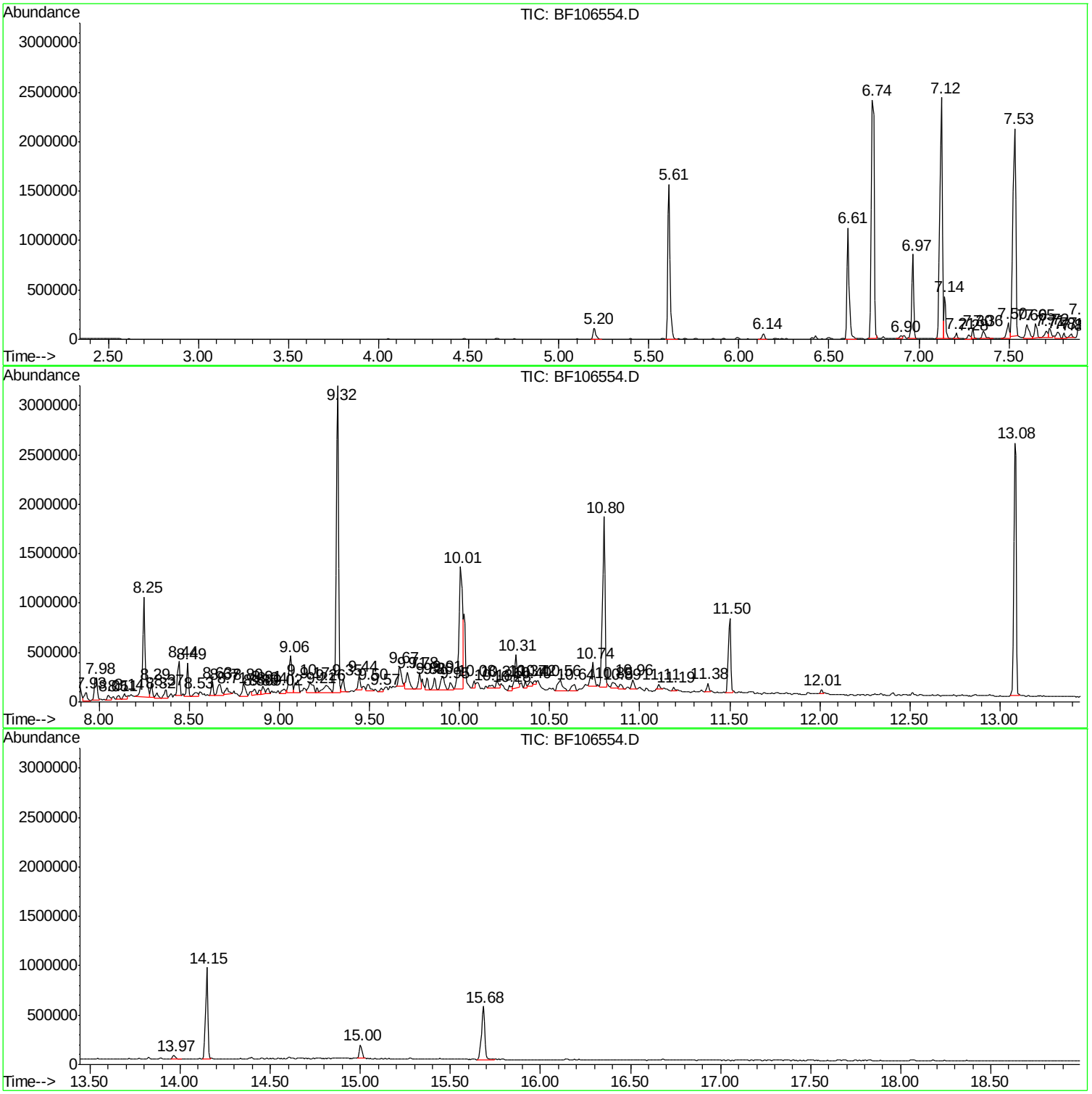
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

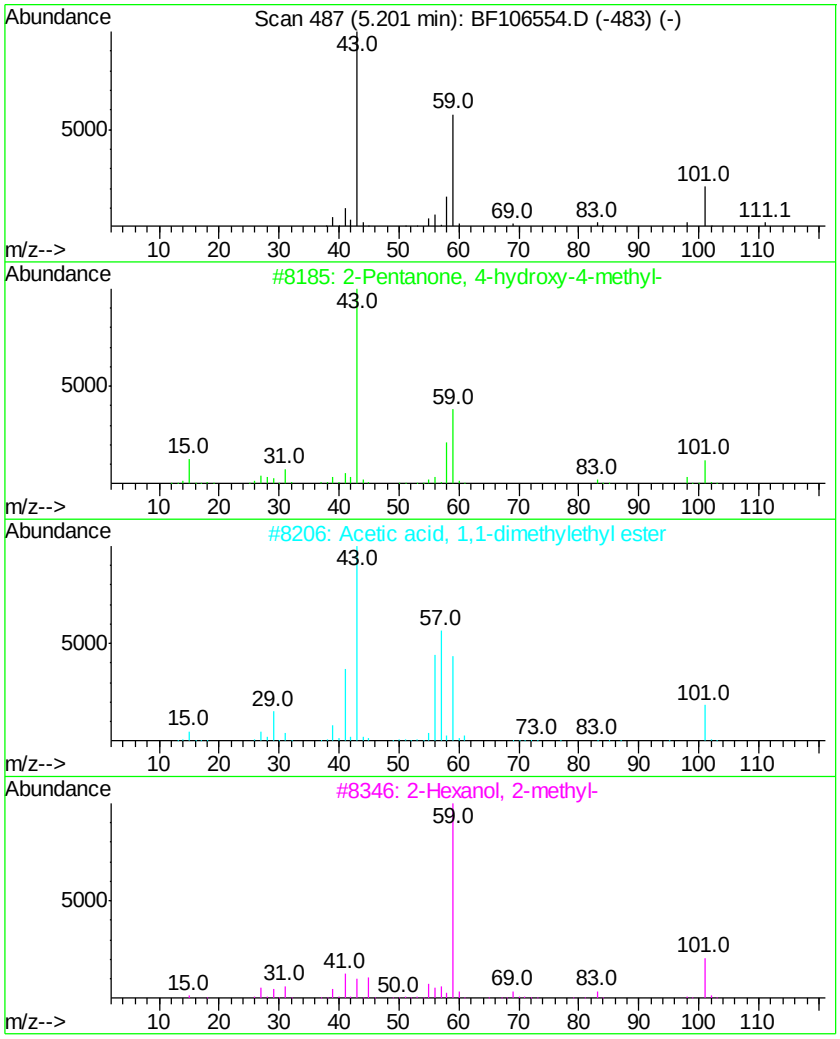
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

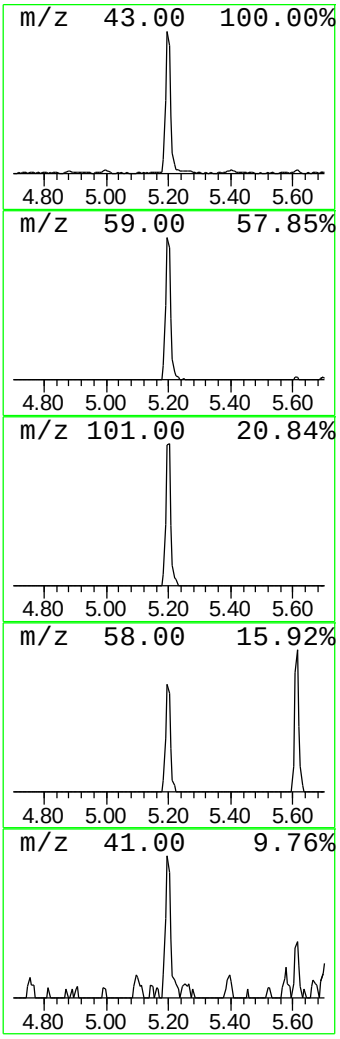
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.72 ng	127775	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2-Nonanone	142	C9H18O	000821-55-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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

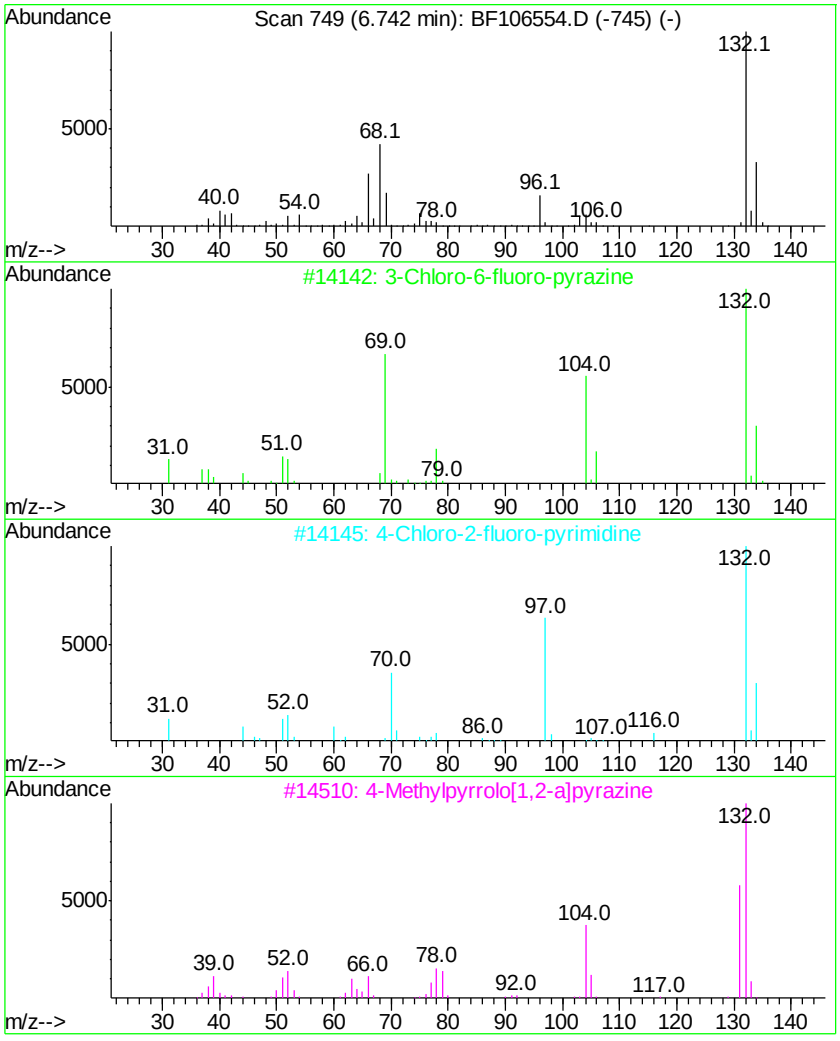
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

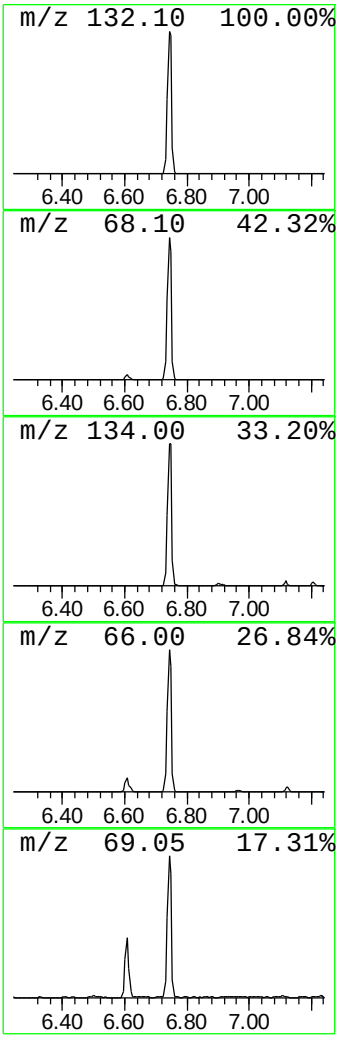
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	68.94 ng	2369890	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	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
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Sample : J3564-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

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

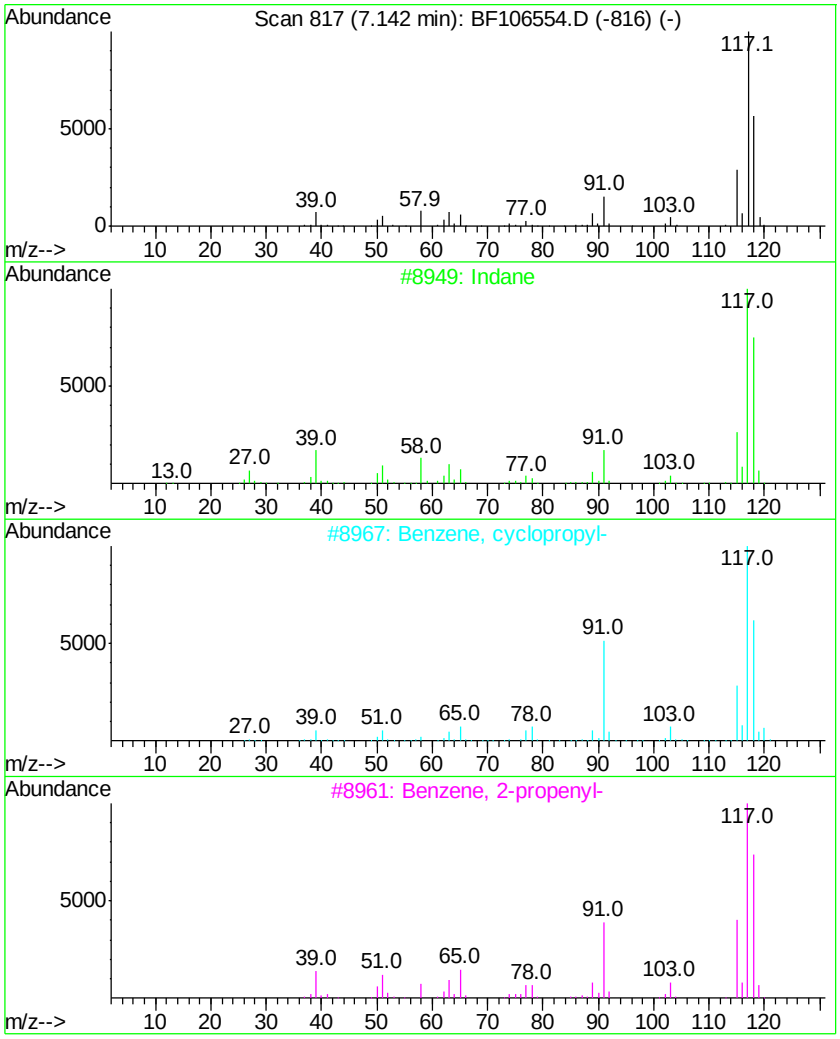
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

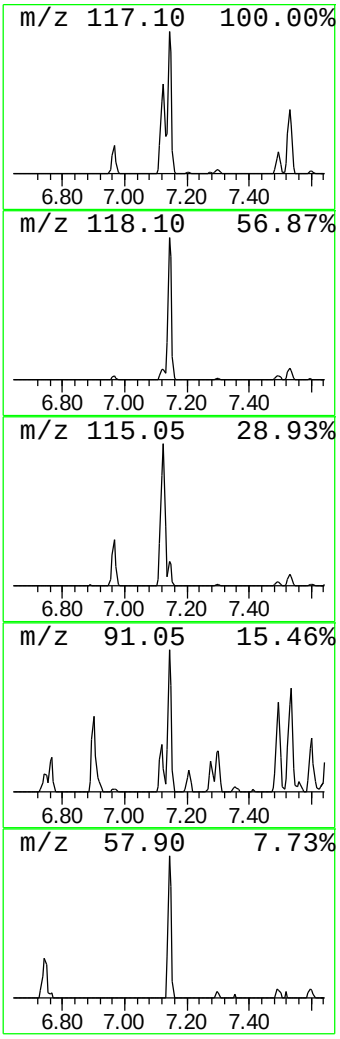
****

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	8.82 ng	303305	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
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Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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

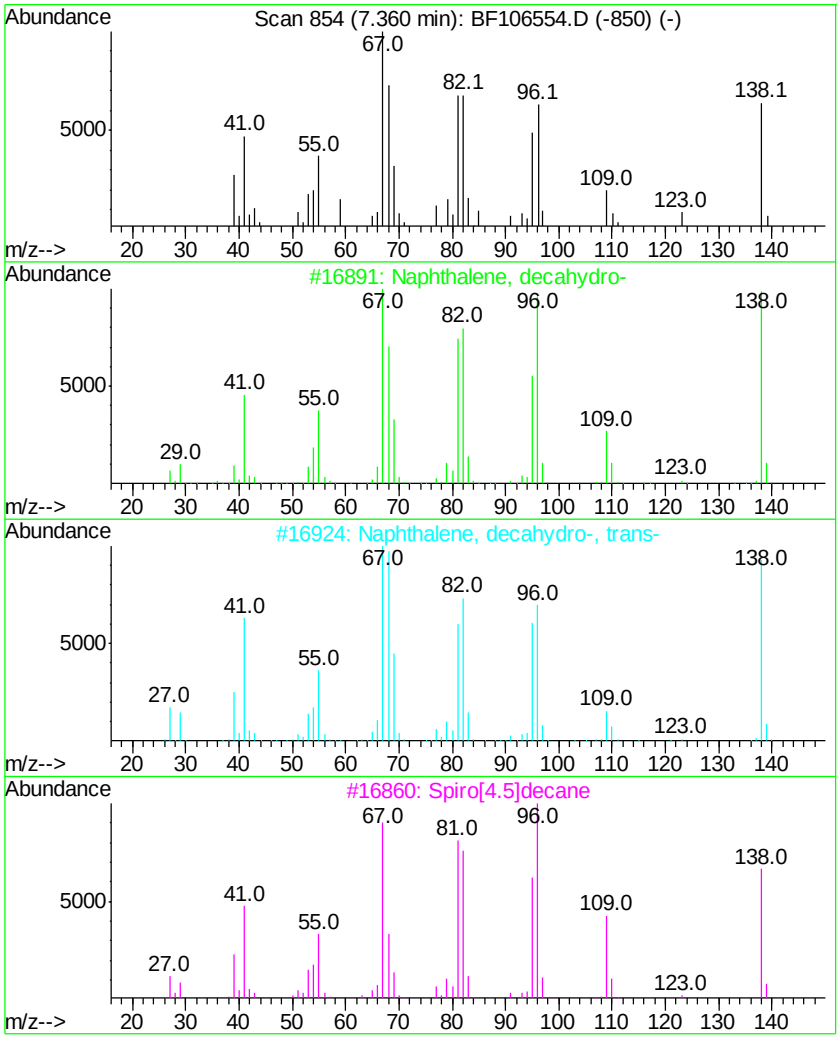
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

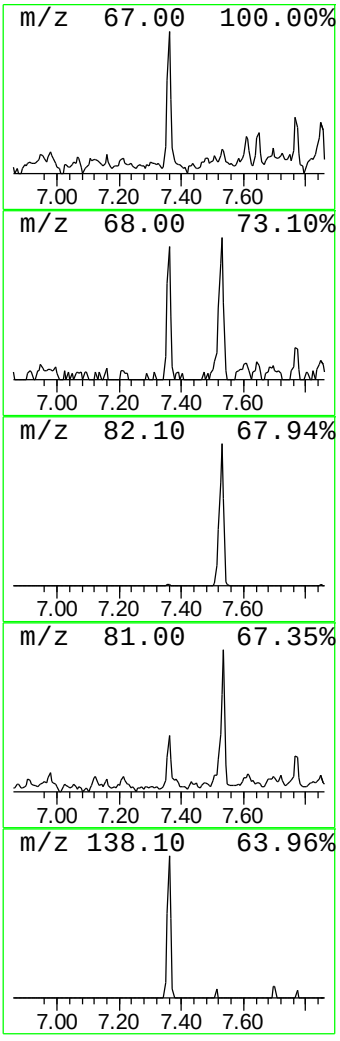
****

Peak Number 5 Naphthalene, decahydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	2.77 ng	95091	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Spiro[4.5]decane	138	C10H18	000176-63-6	93
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
5	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

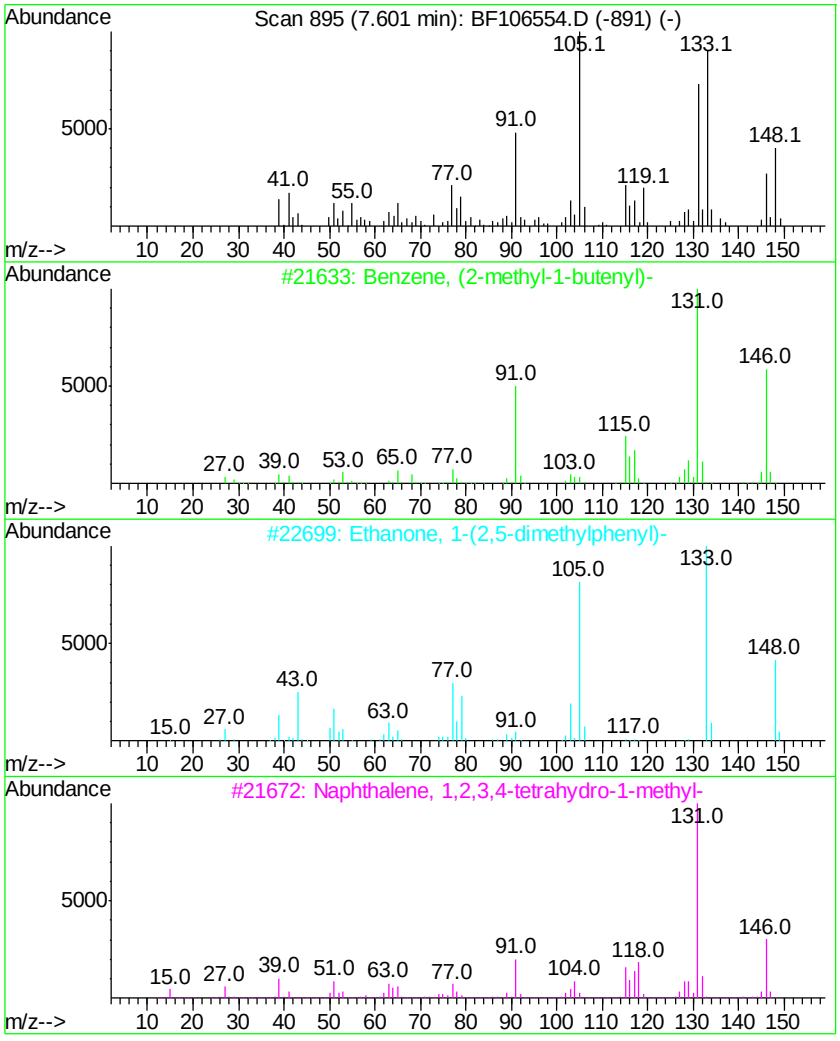
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

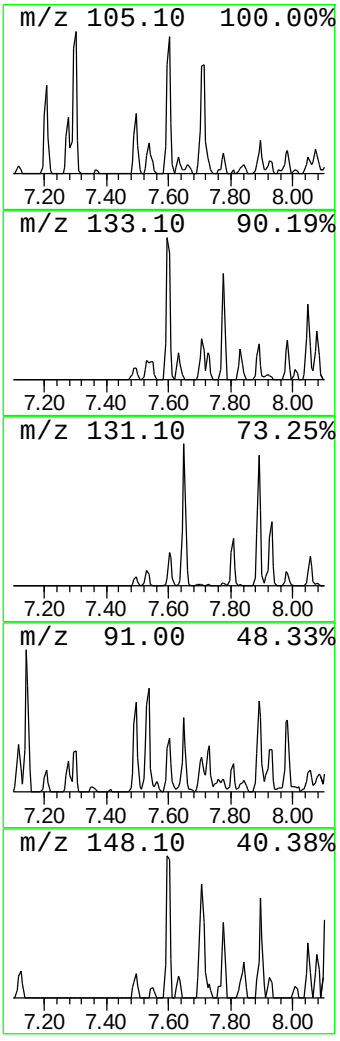
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.36 ng	184326	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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

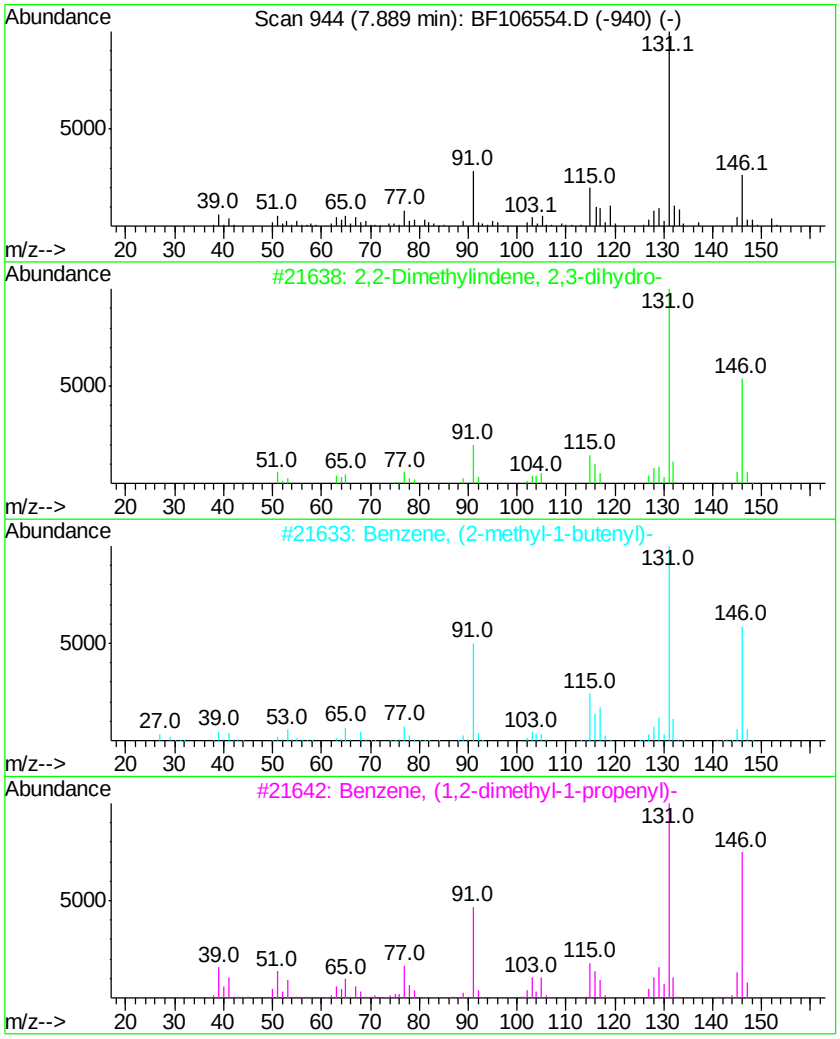
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

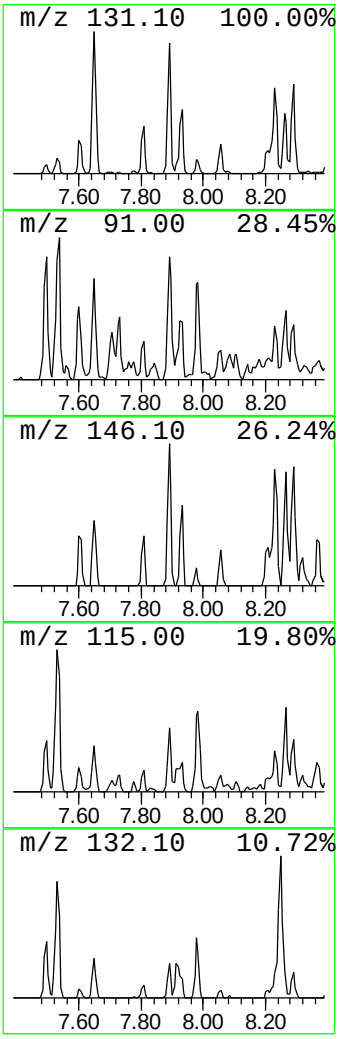
****

Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.74 ng	200064	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Library Search Compound Report

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Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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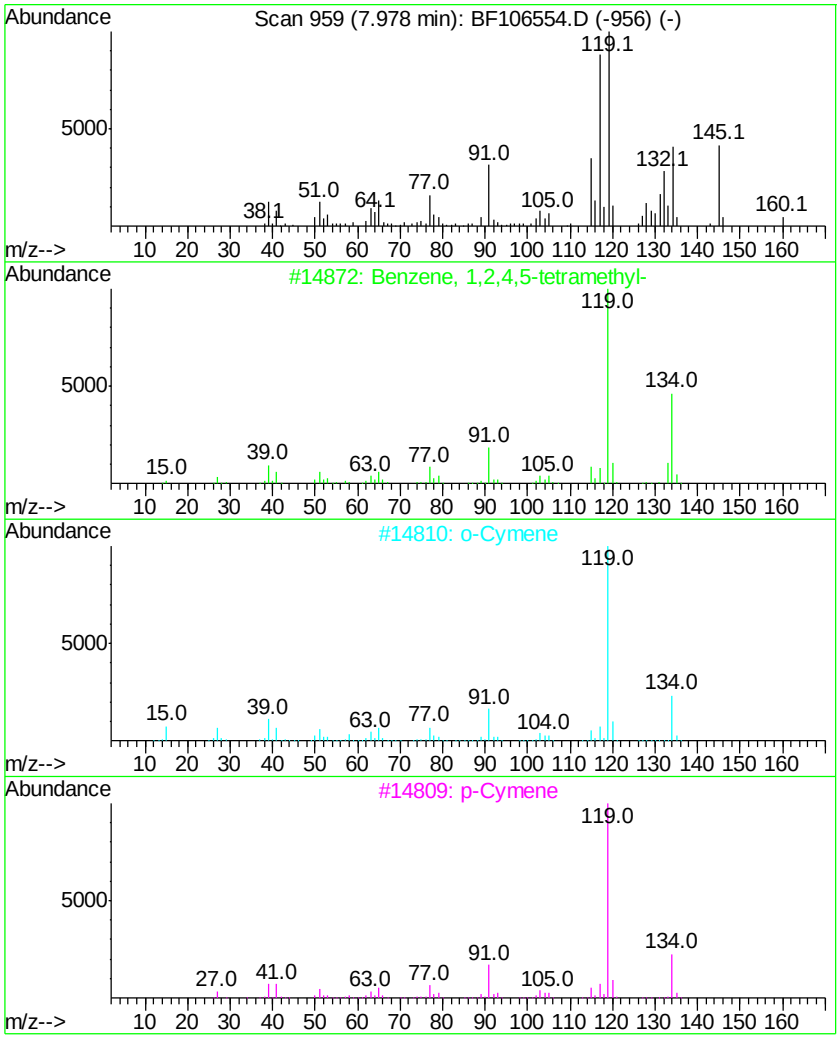
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

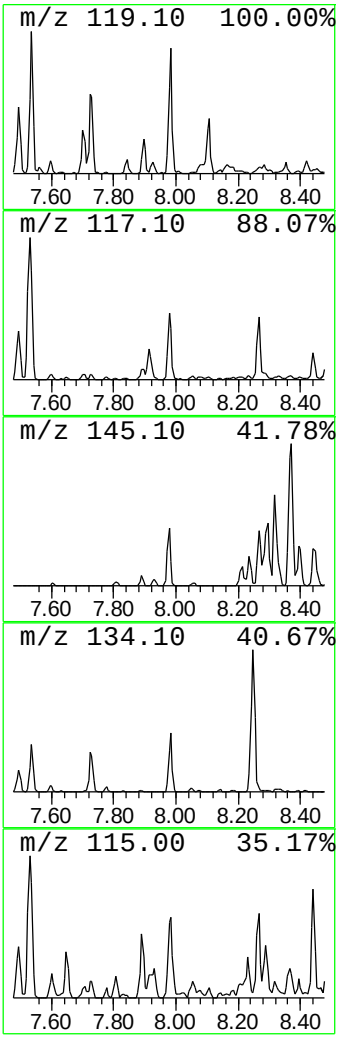
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.16 ng	222299	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	o-Cymene	134	C10H14	000527-84-4	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58





Library Search Compound Report

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Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

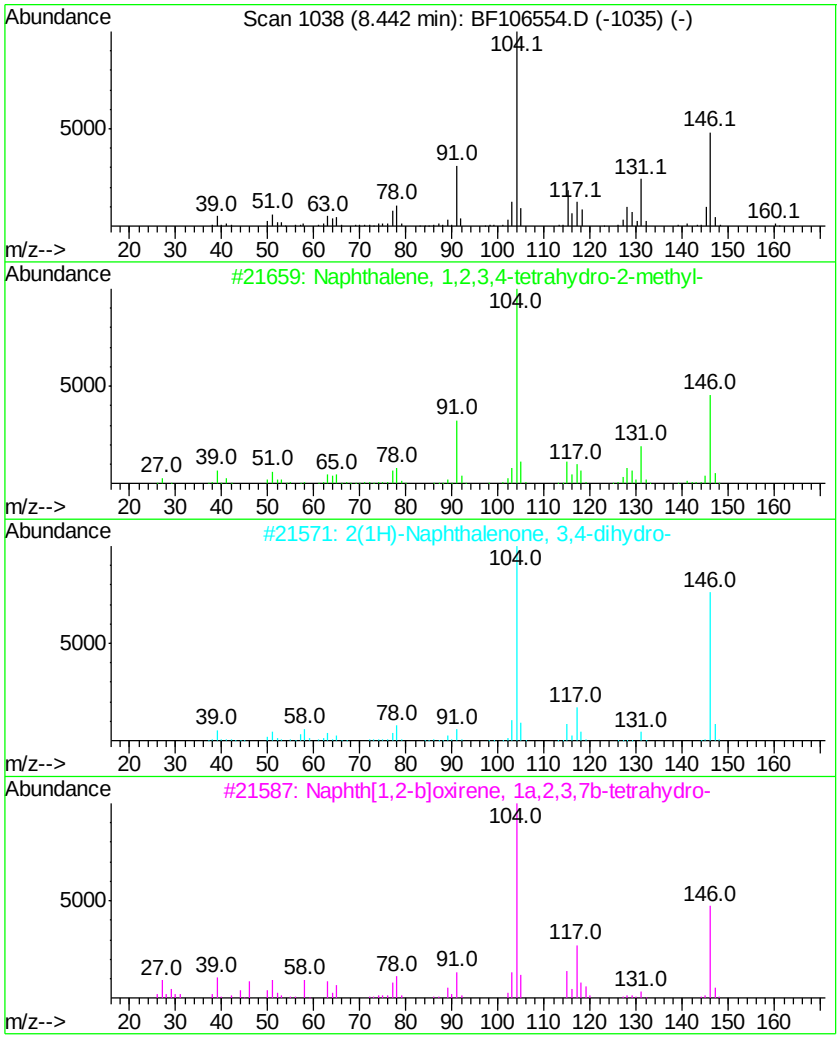
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

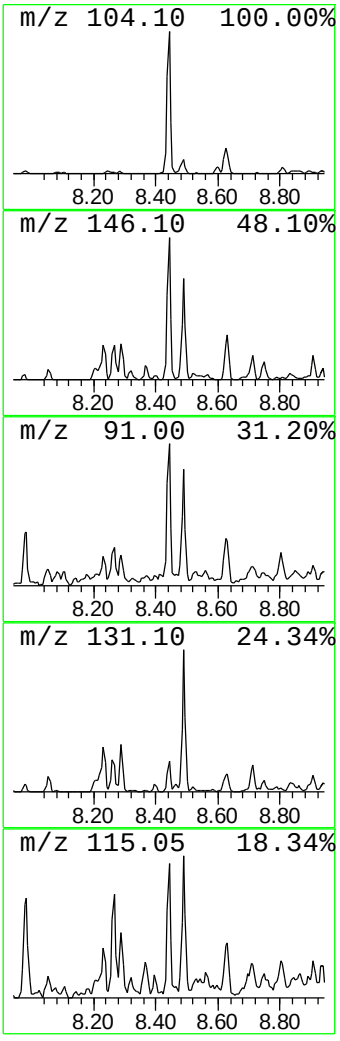
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	4.87 ng	260387	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	50
5	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	37





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Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

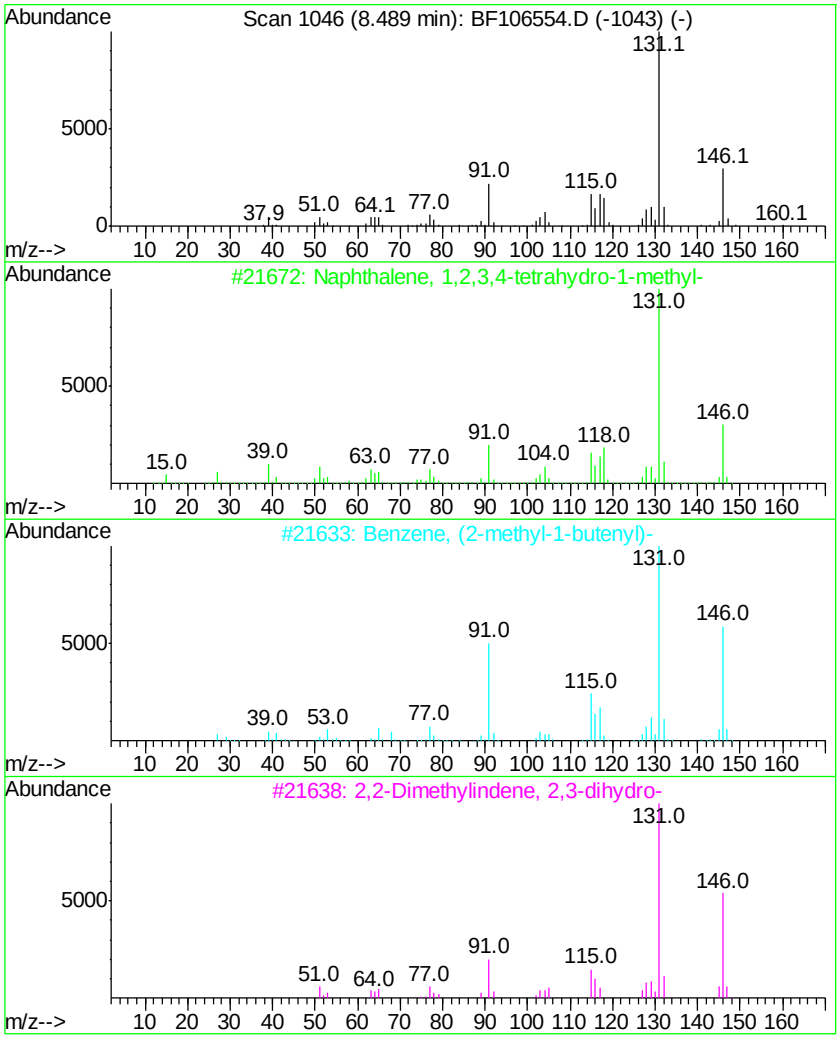
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

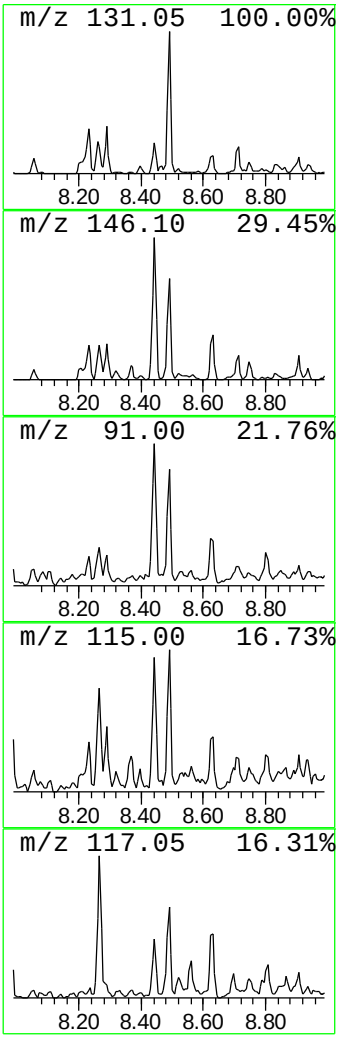
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	4.90 ng	261837	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





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Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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

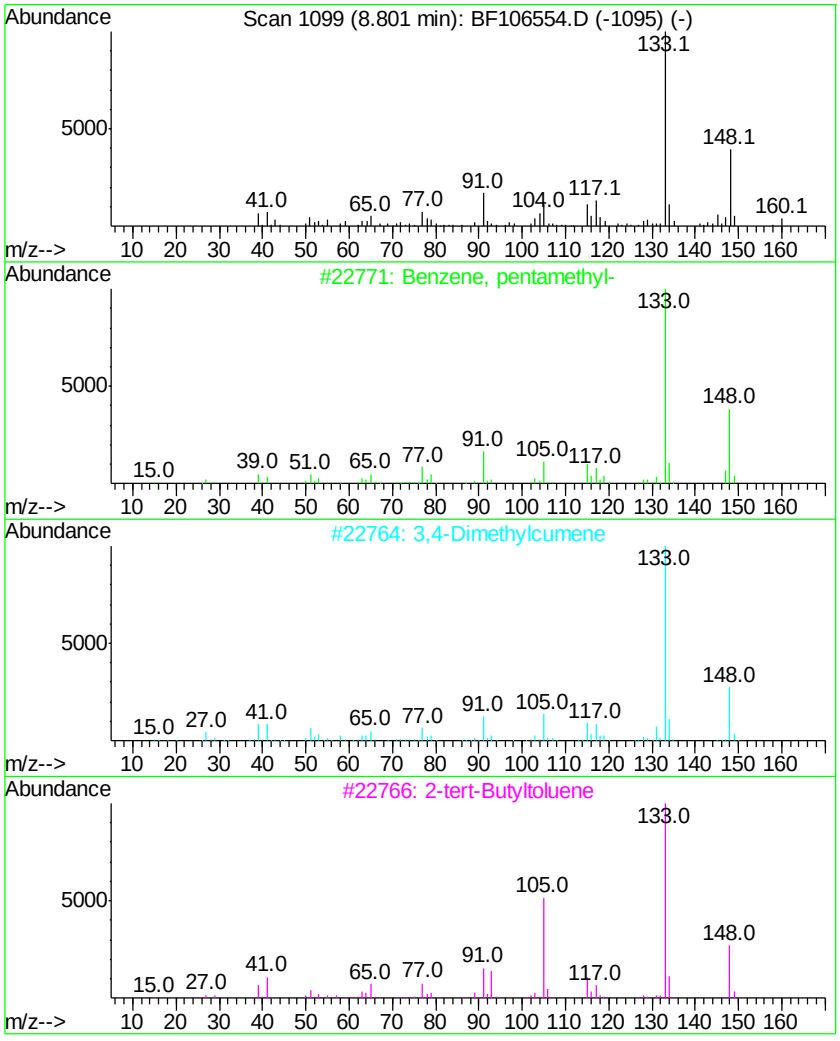
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

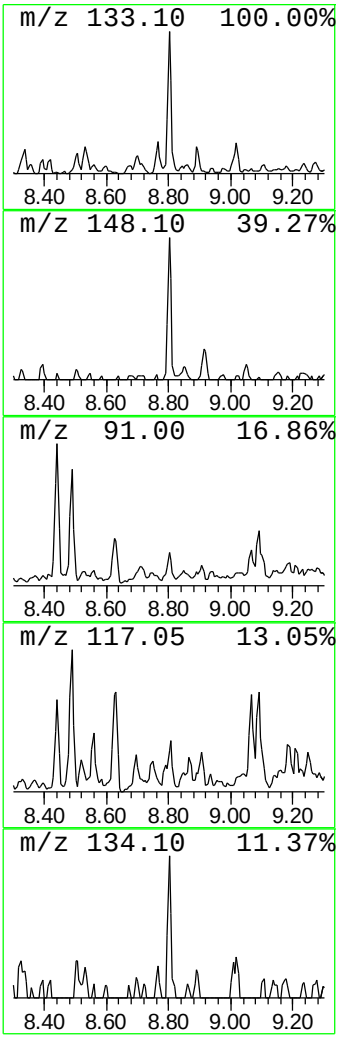
****

Peak Number 12 Benzene, pentamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.67 ng	142444	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	87
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	83
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	83





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Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

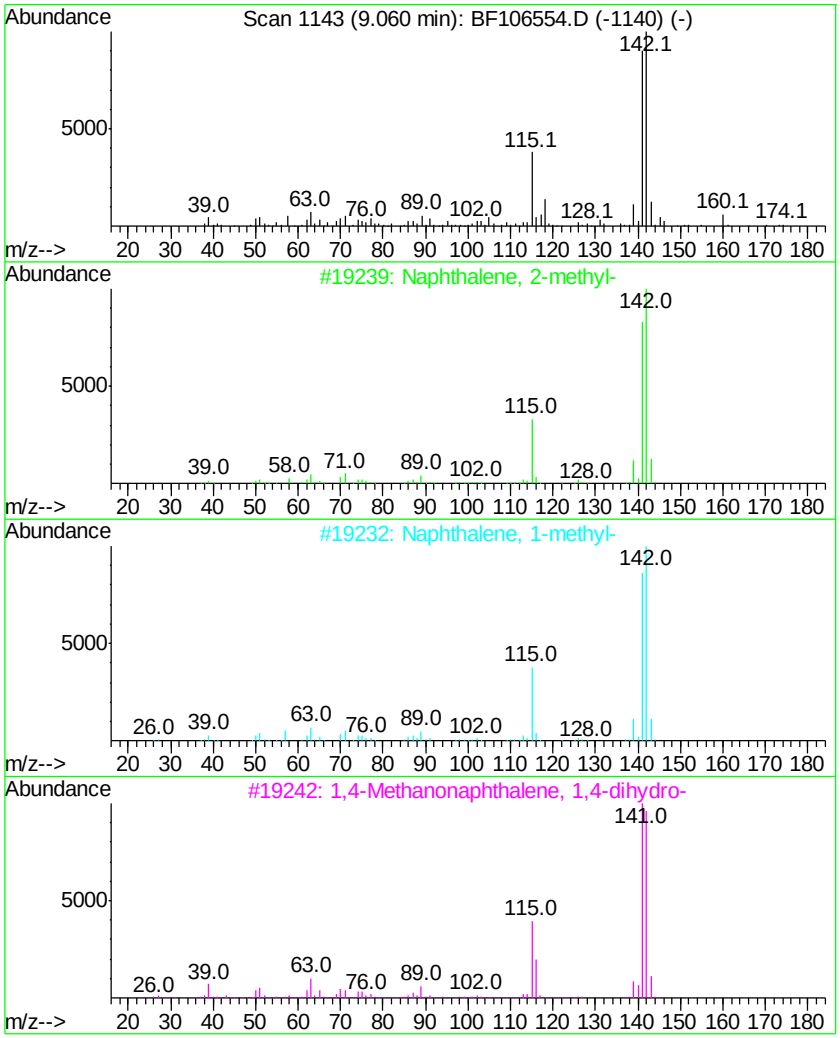
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

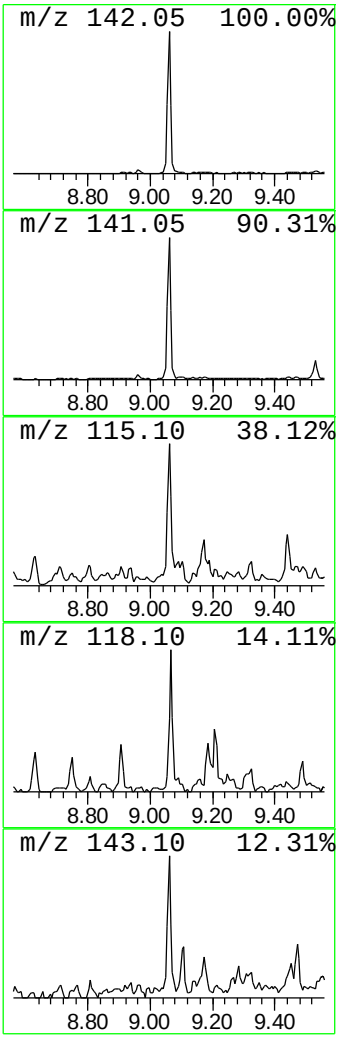
****

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.11 ng	379832	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1-Naphthaleneethanol	172	C12H12O	000773-99-9	47





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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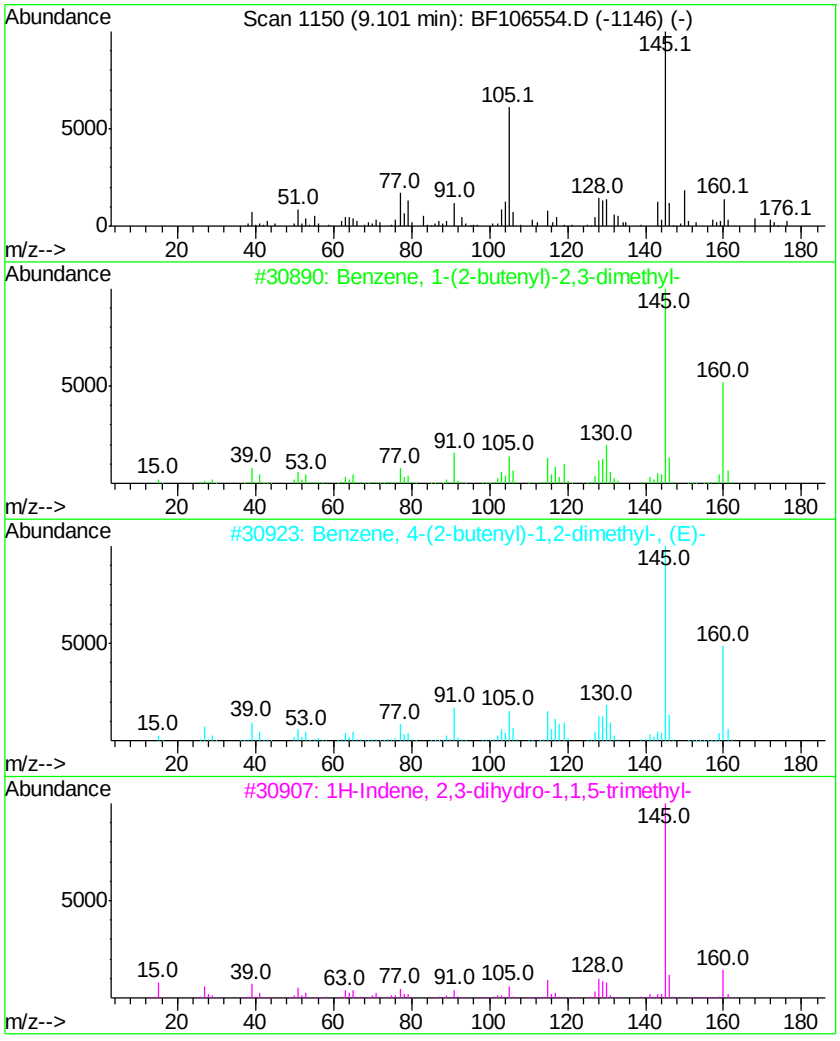
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

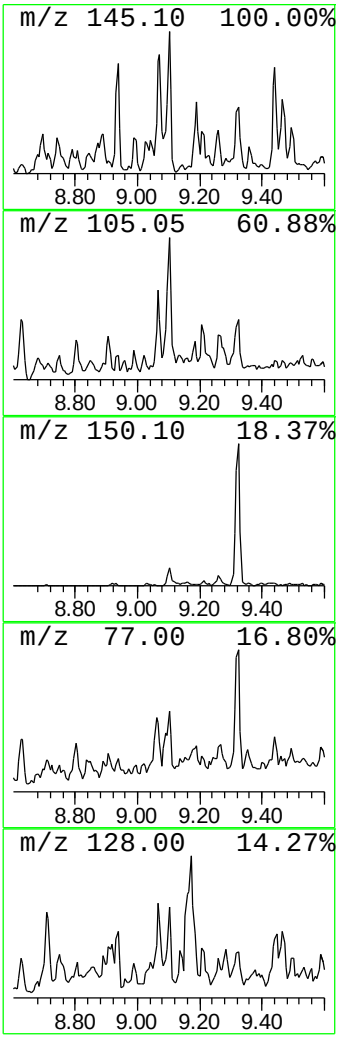
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.04 ng	162697	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	74





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Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

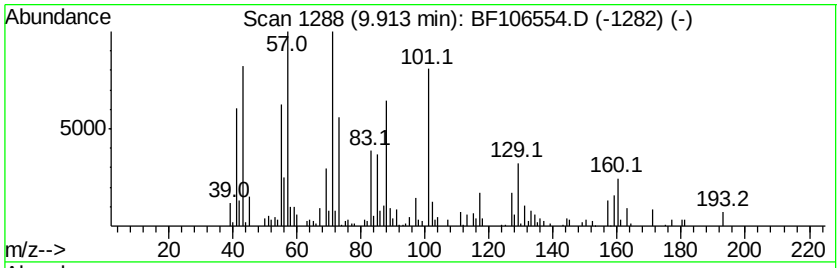
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

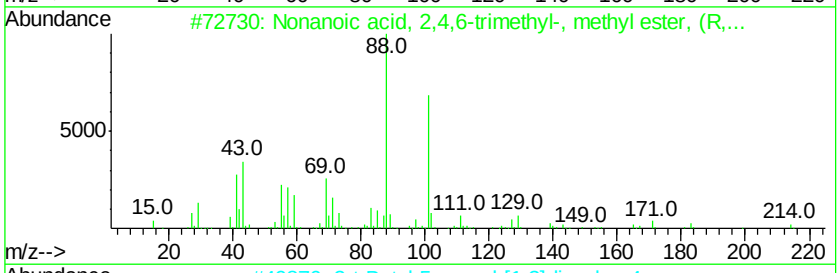
****

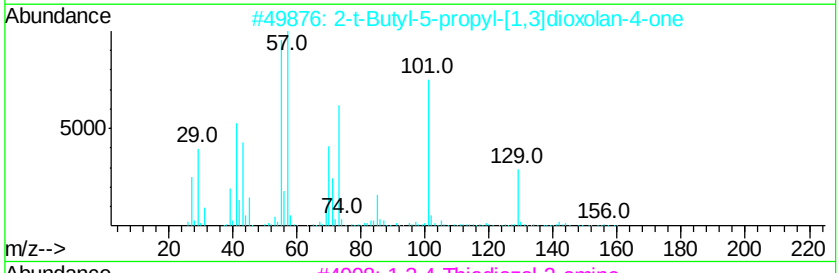
Peak Number 15 unknown9.91 Concentration Rank 16

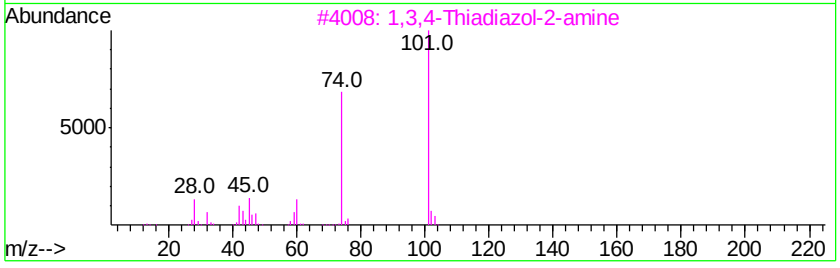
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.78 ng	217424	Acenaphthene-d10	10.01

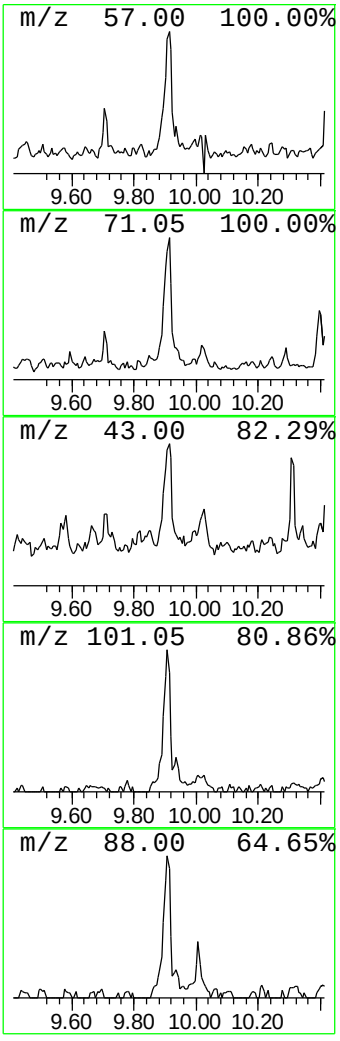
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 2,4,6-trimethyl-,...	214	C13H26O2	002490-57-5	22
2	2-t-Butyl-5-propyl-[1,3]dioxolan...	186	C10H18O3	157733-17-0	14
3	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	11
4	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	11
5	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	11











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Sample : J3564-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

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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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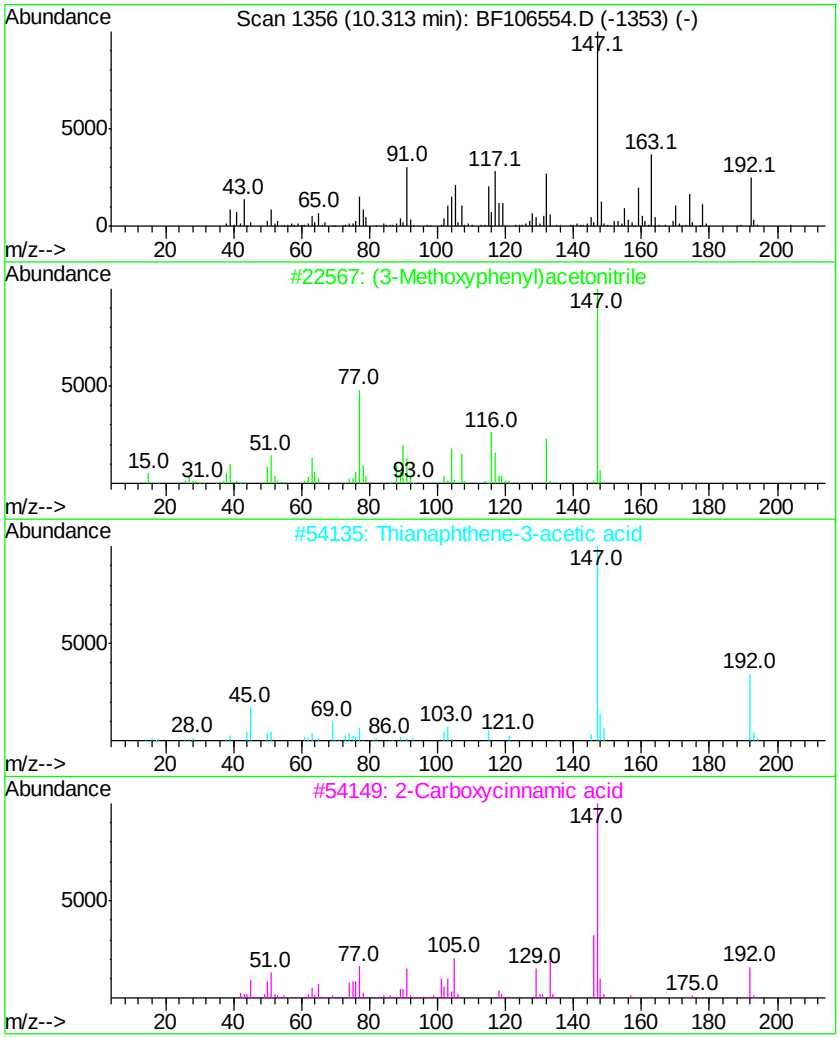
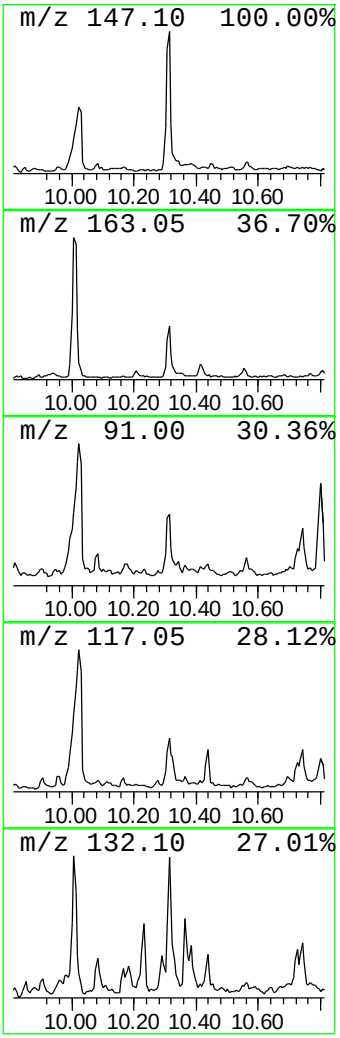
Peak Number 16 unknown10.31 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.78 ng	374141	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38
2	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	38
3	2-Carboxycinnamic acid	192	C10H8O4	000612-40-8	35
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	35
5	2-Indolizinemethanol	147	C9H9NO	022320-21-4	35





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Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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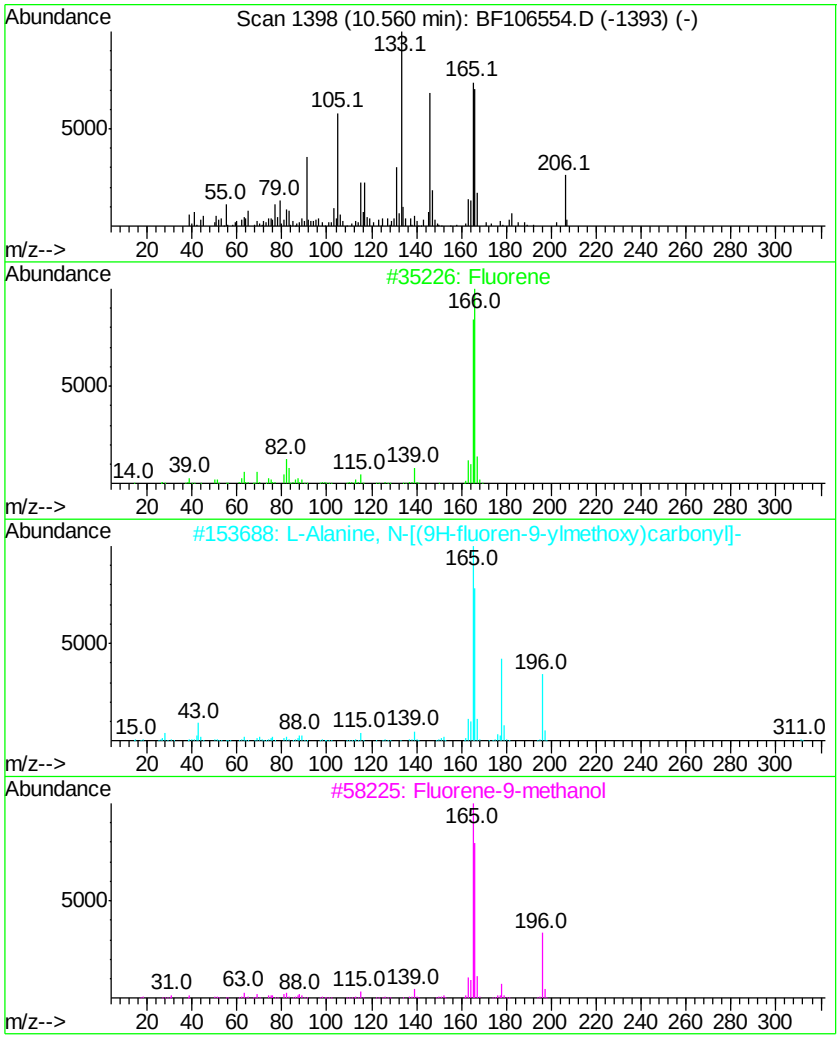
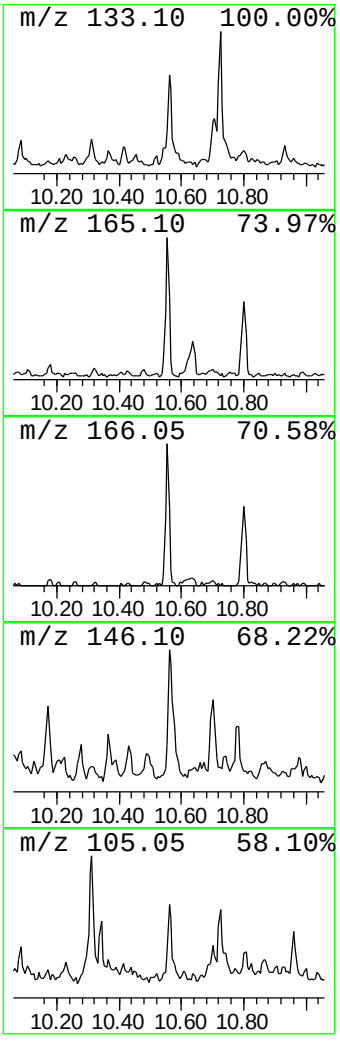
Peak Number 17 unknown10.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.69 ng	210669	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	41
2	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	35
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	35
4	Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	35
5	1,2,3,4-Tetrahydrophosphinoline ...	166	C9H11OP	052221-85-9	35





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Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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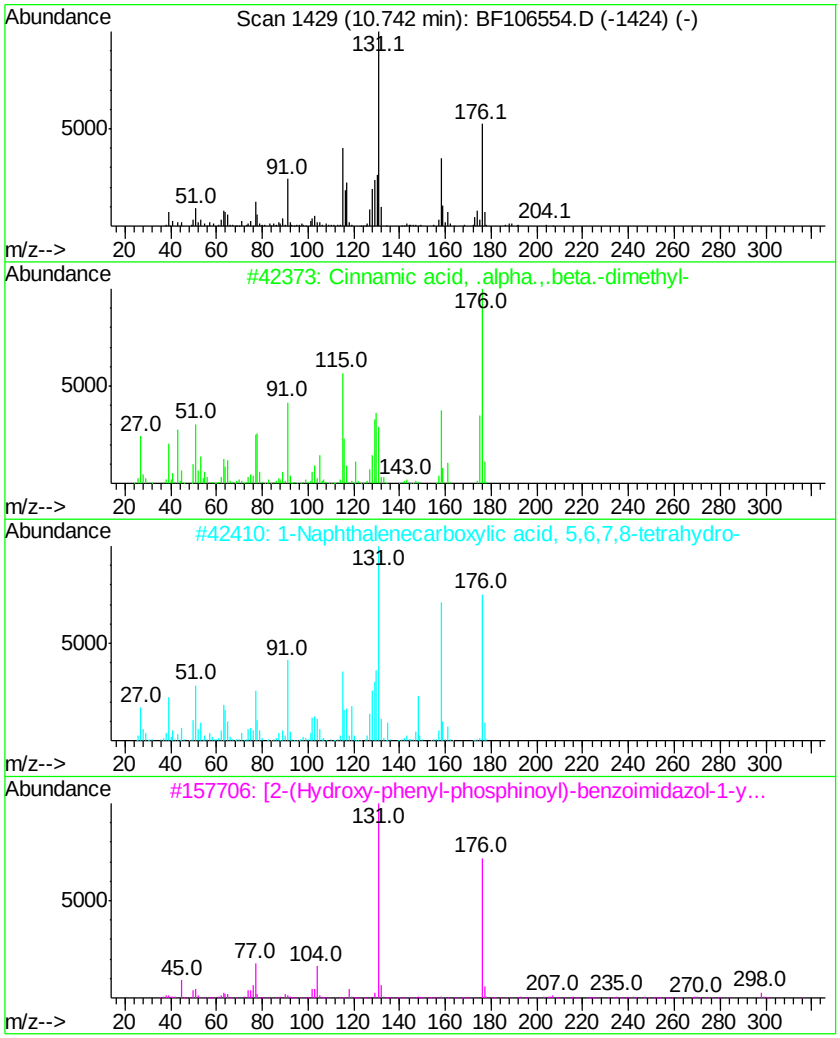
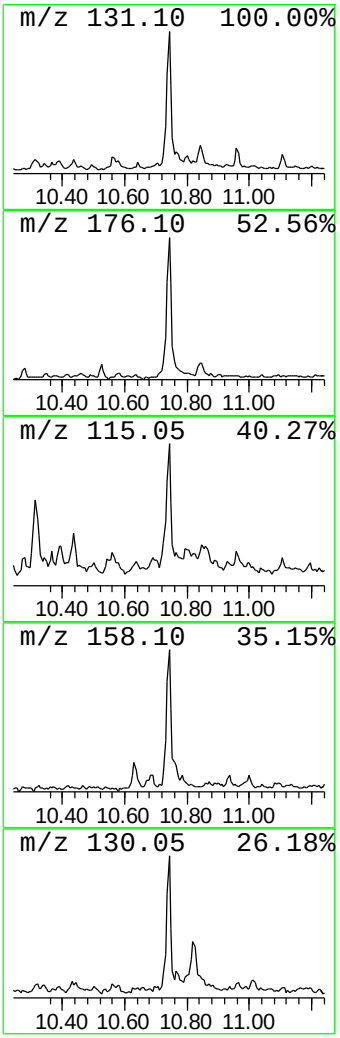
Peak Number 18 Cinnamic acid, .alpha.,.bet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.52 ng	275641	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	55
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	52
3	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	38
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	38
5	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	37





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Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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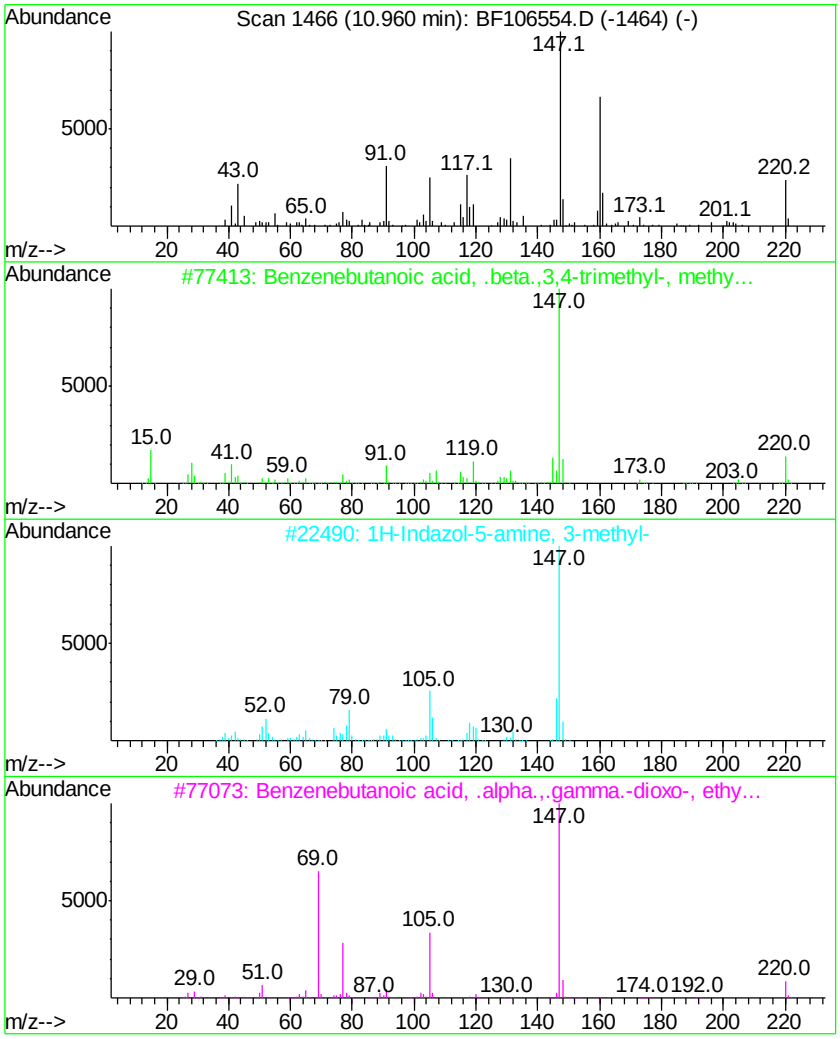
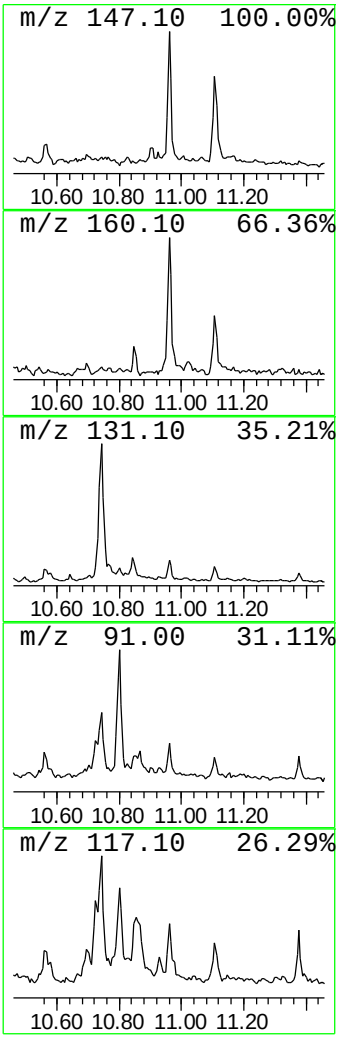
Peak Number 19 Benzenebutanoic acid, .beta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	2.46 ng	83530	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid, .beta.,3,4...	220	C14H20O2	069855-51-2	50
2	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	43
3	Benzenebutanoic acid, .alpha.,.g...	220	C12H12O4	006296-54-4	38
4	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	35
5	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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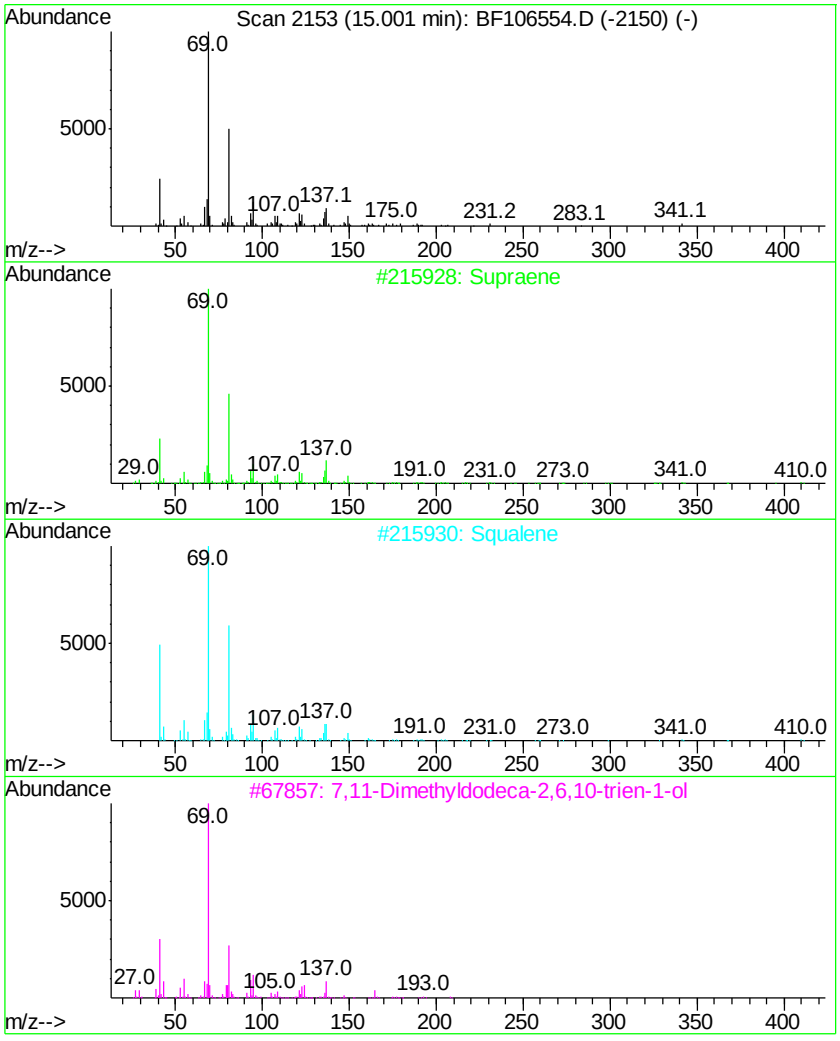
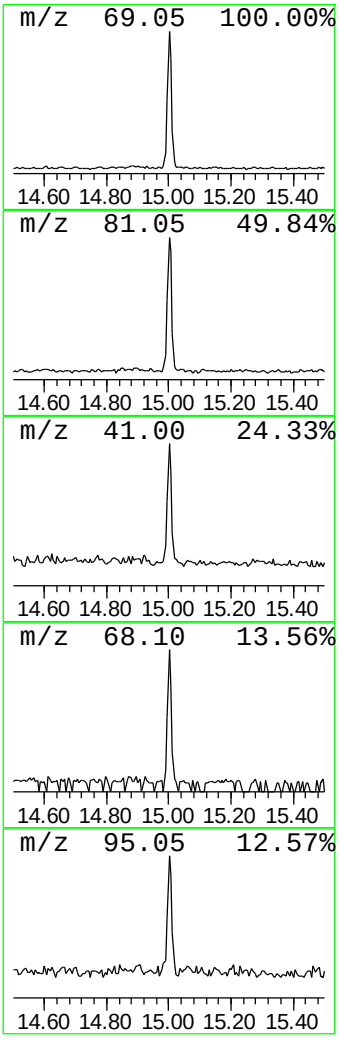
Peak Number 20 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.75 ng	133531	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106554.D
Acq On : 18 Jun 2018 23:14
Operator : JU/SJ
Sample : J3564-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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
2-Pentanone, 4-hy...	5.20	3.7	ng	127775	1	6.97	687486	20.0
unknown6.74	6.74	68.9	ng	2369890	1	6.97	687486	20.0
Indane	7.14	8.8	ng	303305	1	6.97	687486	20.0
Naphthalene, deca...	7.36	2.8	ng	95091	1	6.97	687486	20.0
Benzene, (2-methy...	7.60	5.4	ng	184326	1	6.97	687486	20.0
2,2-Dimethylinden...	7.89	3.7	ng	200064	2	8.25	1068790	20.0
Benzene, 1,2,4,5-...	7.98	4.2	ng	222299	2	8.25	1068790	20.0
Naphthalene, 1,2,...	8.44	4.9	ng	260387	2	8.25	1068790	20.0
Naphthalene, 1,2,...	8.49	4.9	ng	261837	2	8.25	1068790	20.0
Benzene, pentamet...	8.80	2.7	ng	142444	2	8.25	1068790	20.0
Naphthalene, 1-me...	9.06	7.1	ng	379832	2	8.25	1068790	20.0
Benzene, 1-(2-but...	9.10	3.0	ng	162697	2	8.25	1068790	20.0
unknown9.91	9.91	2.8	ng	217424	3	10.01	1566950	20.0
unknown10.31	10.31	4.8	ng	374141	3	10.01	1566950	20.0
unknown10.56	10.56	2.7	ng	210669	3	10.01	1566950	20.0
Cinnamic acid, .a...	10.74	3.5	ng	275641	3	10.01	1566950	20.0
Benzenebutanoic a...	10.96	2.5	ng	83530	4	11.50	677785	20.0
Supraene	15.00	3.8	ng	133531	6	15.68	712571	20.0