LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	23	rVB	689695	861996	22.01%	2.624%
2	5.093	507	511	519	rVB	223965	276093	7.05%	0.840%
3	5.487	574	578	582	rBV	2089100	1903346	48.59%	5.793%
4	6.492	745	749	752	rBV	1502563	1243810	31.75%	3.786%
5	6.634	769	773	777	rBV	2965755	3022892	77.17%	9.200%
6	6.863	808	812	816	rBV	956695	783739	20.01%	2.385%
7	7.022	834	839	841	rBV	3034668	2823469	72.08%	8.593%
8	7.040	841	842	846	rVB	396411	297258	7.59%	0.905%
9	7.104	851	853	859	rVB2	64692	68468	1.75%	0.208%
10	7.198	866	869	873	rVB	80213	62896	1.61%	0.191%
11	7.392	895	902	904	rBV	115195	116092	2.96%	0.353%
12	7.428	904	908	911	rVB	2134128	2397072	61.20%	7.296%
13	7.498	917	920	925	rBV2	45102	47895	1.22%	0.146%
14	7.628	940	942	946	rVB	92331	71593	1.83%	0.218%
15	7.745	958	962	966	rBV	83537	78356	2.00%	0.238%
16	7.792	966	970	972	rBV2	98573	109444	2.79%	0.333%
17	7.881	979	985	988	rBV	253779	227455	5.81%	0.692%
18	8.039	1009	1012	1015	rBV2	39430	46145	1.18%	0.140%
19	8.110	1021	1024	1025	rBV	51594	45040	1.15%	0.137%
20	8.145	1025	1030	1035	rVV	1270359	1267239	32.35%	3.857%
21	8.187	1035	1037	1040	rVV	150952	111318	2.84%	0.339%
22	8.228	1040	1044	1047	rVB2	47002	55030	1.40%	0.167%
23	8.339	1057	1063	1066	rVB	224188	195336	4.99%	0.595%
24	8.386	1068	1071	1076	rBV2	294187	343400	8.77%	1.045%
25	8.522	1088	1094	1101	rVB3	118747	171464	4.38%	0.522%
26	8.616	1105	1110	1113	rVV2	167023	229319	5.85%	0.698%
27	8.645	1113	1115	1120	rVV3	58275	93460	2.39%	0.284%
28	8.698	1120	1124	1127	rVV2	88114	105268	2.69%	0.320%
29	8.734	1127	1130	1133	rBV2	253369	225748	5.76%	0.687%
30	8.769	1133	1136	1140	rVV	46587	80573	2.06%	0.245%
31	8.804	1140	1142	1145	rVB2	134056	104642	2.67%	0.318%
32	8.834	1145	1147	1150	rBV2	51884	49872	1.27%	0.152%
33	8.939	1160	1165	1166	rBV3	31699	45419	1.16%	0.138%
34	8.963	1166	1169	1171	rVV3	135488	151258	3.86%	0.460%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.998	1171	1175	1177	rVB2	85659	116970	2.99%	0.356%
36	9.034	1177	1181	1184	rBV5	47556	78712	2.01%	0.240%
37	9.081	1187	1189	1192	rVB	83896	80644	2.06%	0.245%
38	9.145	1197	1200	1203	rBV2	55542	70750	1.81%	0.215%
39	9.181	1203	1206	1208	rVB3	57314	49189	1.26%	0.150%
40	9.222	1208	1213	1216	rBV	3952163	3917022	100.00%	11.922%
41	9.251	1216	1218	1223	rVB5	32516	44882	1.15%	0.137%
42	9.322	1227	1230	1234	rBV2	54277	74611	1.90%	0.227%
43	9.363	1234	1237	1239	rBV2	115830	108265	2.76%	0.330%
44	9.386	1239	1241	1247	rVB2	83453	99208	2.53%	0.302%
45	9.463	1251	1254	1256	rBV3	52654	59705	1.52%	0.182%
46	9.533	1263	1266	1269	rBV5	57416	81569	2.08%	0.248%
47	9.563	1269	1271	1275	rVV3	63083	82324	2.10%	0.251%
48	9.610	1276	1279	1282	rVV	101536	78552	2.01%	0.239%
49	9.675	1287	1290	1294	rBV4	62552	80357	2.05%	0.245%
50	9.710	1294	1296	1299	rVB	58845	48092	1.23%	0.146%
51	9.751	1299	1303	1308	rBV6	45542	74037	1.89%	0.225%
52	9.804	1308	1312	1313	rBV4	47673	61998	1.58%	0.189%
53	9.898	1323	1328	1332	rBV2	1337289	1182542	30.19%	3.599%
54	9.975	1338	1341	1348	rVB2	111074	138443	3.53%	0.421%
55	10.057	1353	1355	1360	rVV5	43300	53793	1.37%	0.164%
56	10.110	1360	1364	1368	rVB5	55811	78877	2.01%	0.240%
57	10.198	1377	1379	1381	rBV	109114	118833	3.03%	0.362%
58	10.322	1396	1400	1403	rBV3	83514	99397	2.54%	0.303%
59	10.392	1409	1412	1415	rBV3	48100	48541	1.24%	0.148%
60	10.445	1418	1421	1423	rBV2	39746	40879	1.04%	0.124%
61	10.510	1429	1432	1436	rBV	290034	285274	7.28%	0.868%
62	10.692	1458	1463	1466	rBV	1990353	1977096	50.47%	6.017%
63	10.792	1477	1480	1481	rBV3	61792	60129	1.54%	0.183%
64	10.816	1481	1484	1489	rVB2	161729	170728	4.36%	0.520%
65	11.022	1517	1519	1522	rBV2	109278	95003	2.43%	0.289%
66	11.075	1526	1528	1531	rVB2	94827	82525	2.11%	0.251%
67	11.386	1578	1581	1584	rVB	1184177	939637	23.99%	2.860%
68	11.498	1597	1600	1606	rVB3	88251	96246	2.46%	0.293%
69	11.904	1666	1669	1672	rBV4	44394	47526	1.21%	0.145%
70	12.145	1707	1710	1716	rVB2	71153	93012	2.37%	0.283%
71	12.333	1739	1742	1747	rVB3	47366	56771	1.45%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.422	1753	1757	1765	rVB2	56288	102067	2.61%	0.311%
73	12.780	1814	1818	1821	rVB3	80375	83031	2.12%	0.253%
74	12.969	1845	1850	1853	rBV	2641811	2626825	67.06%	7.995%
75	13.851	1997	2000	2005	rVB2	46793	42798	1.09%	0.130%
76	14.021	2025	2029	2033	rBV	690534	615078	15.70%	1.872%
77	15.498	2274	2280	2290	rBV	568399	704677	17.99%	2.145%
78	16.433	2435	2439	2447	rBV	27979	51194	1.31%	0.156%
79	17.727	2653	2659	2668	rVB5	21264	46016	1.17%	0.140%

Sum of corrected areas: 32856230

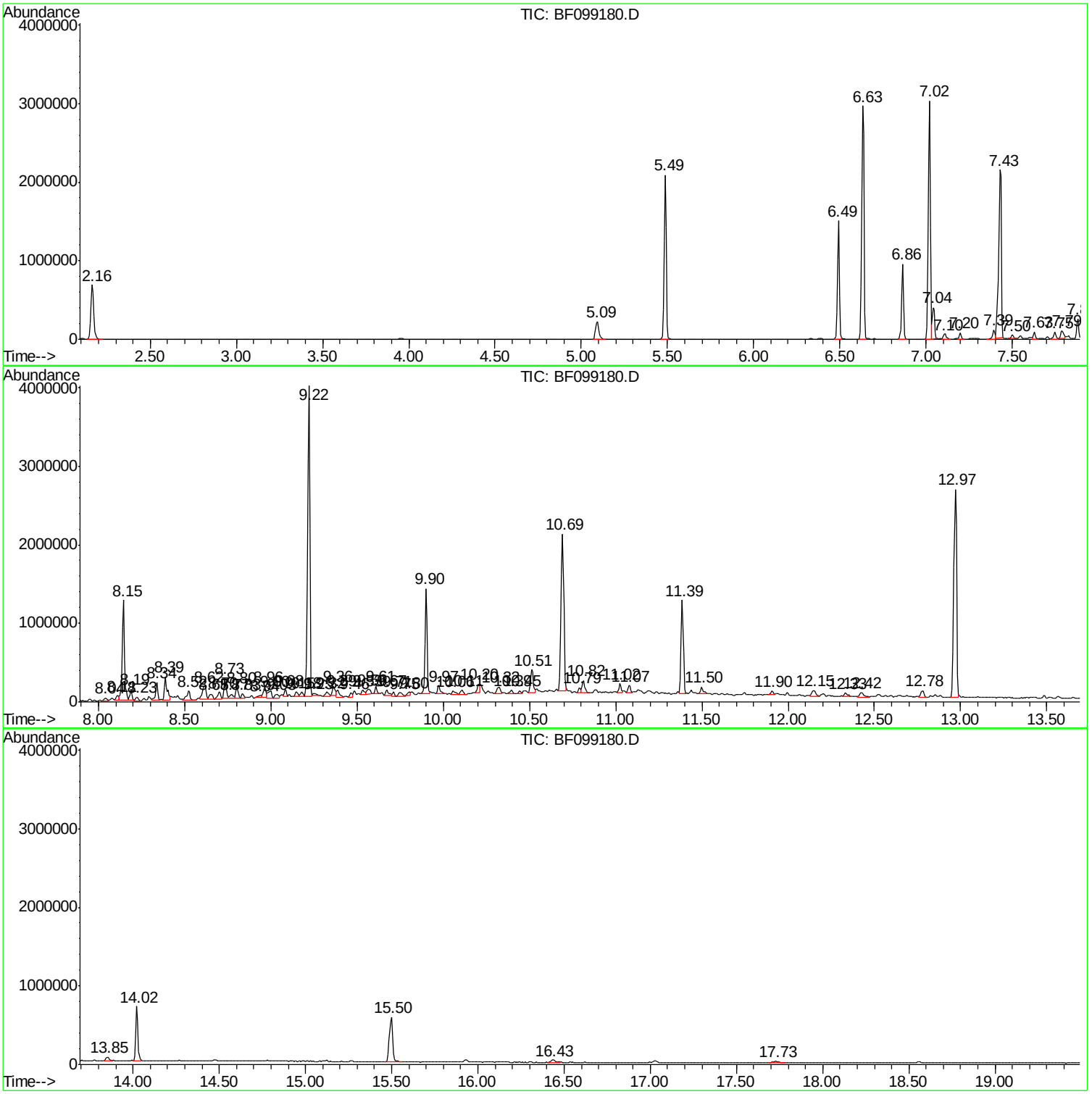
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

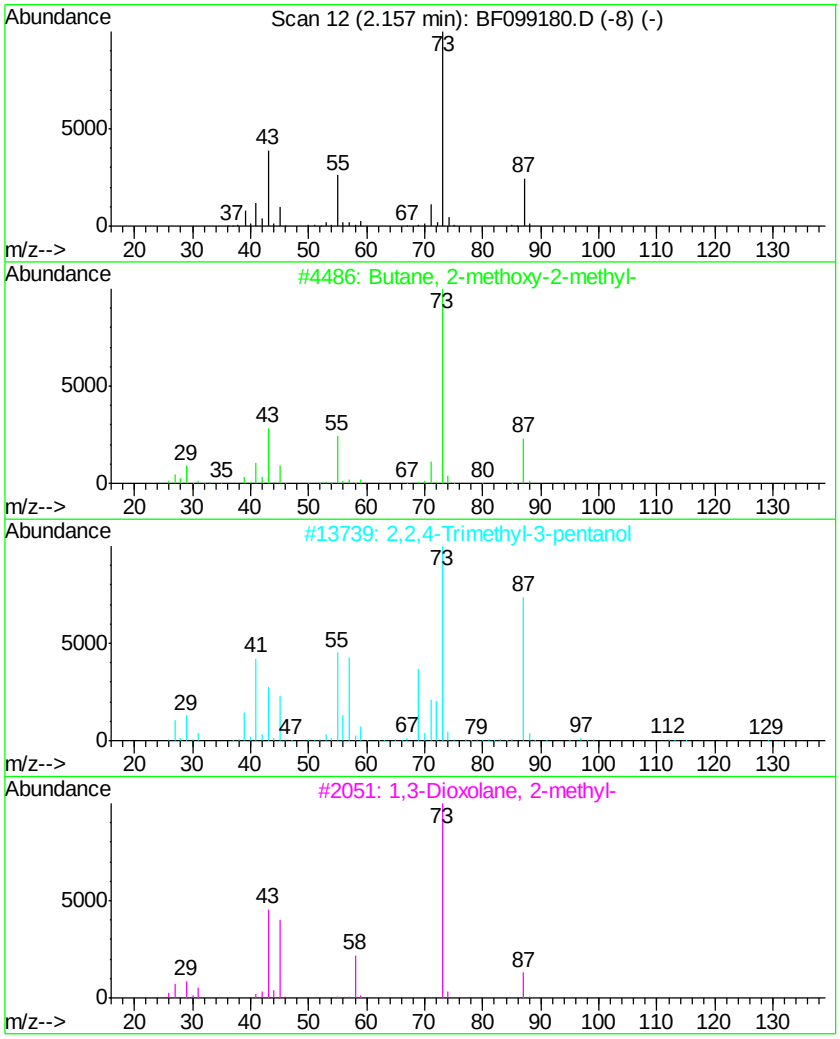
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

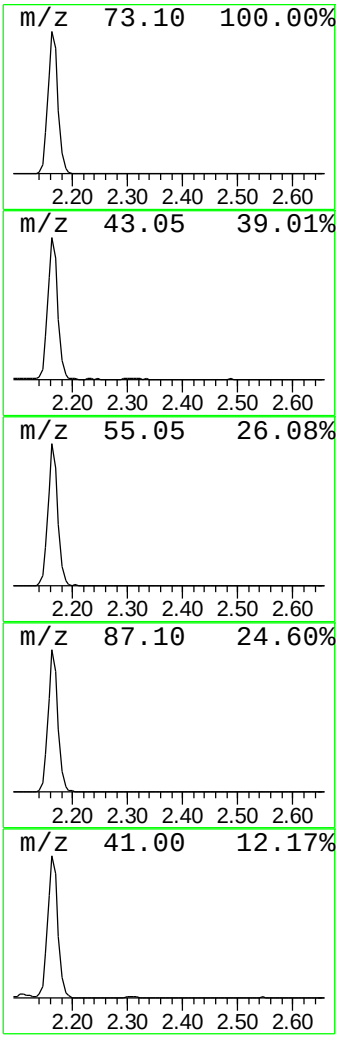
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	22.00 ng	861996	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

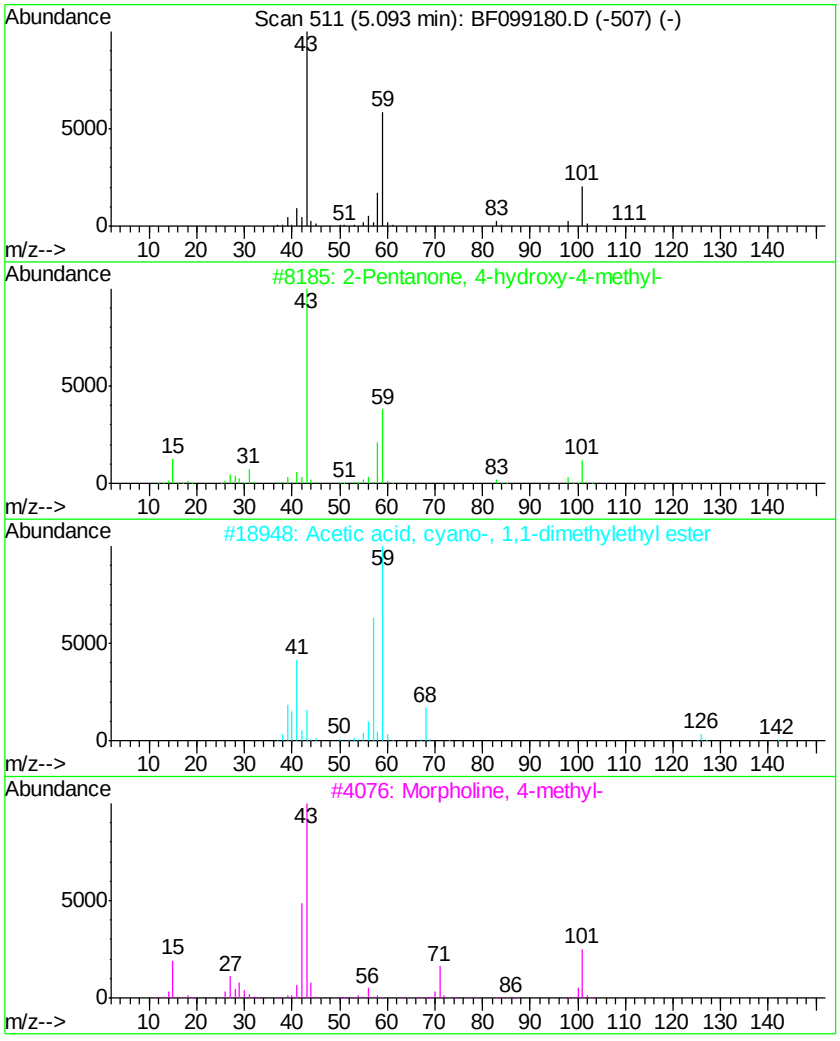
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

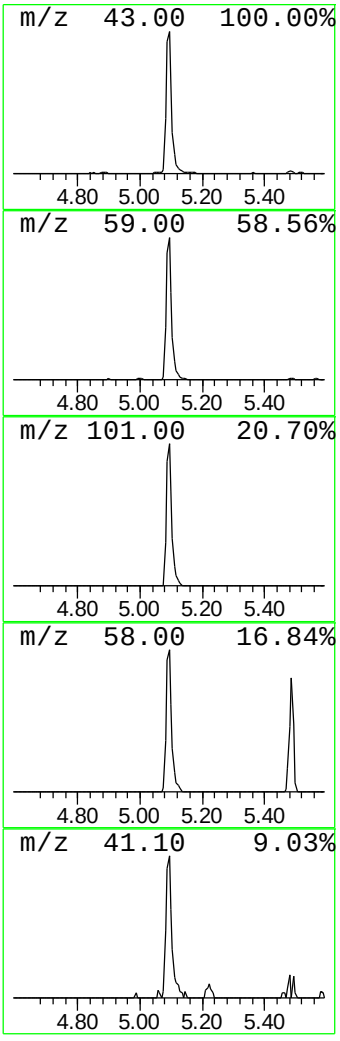
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	7.05 ng	276093	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

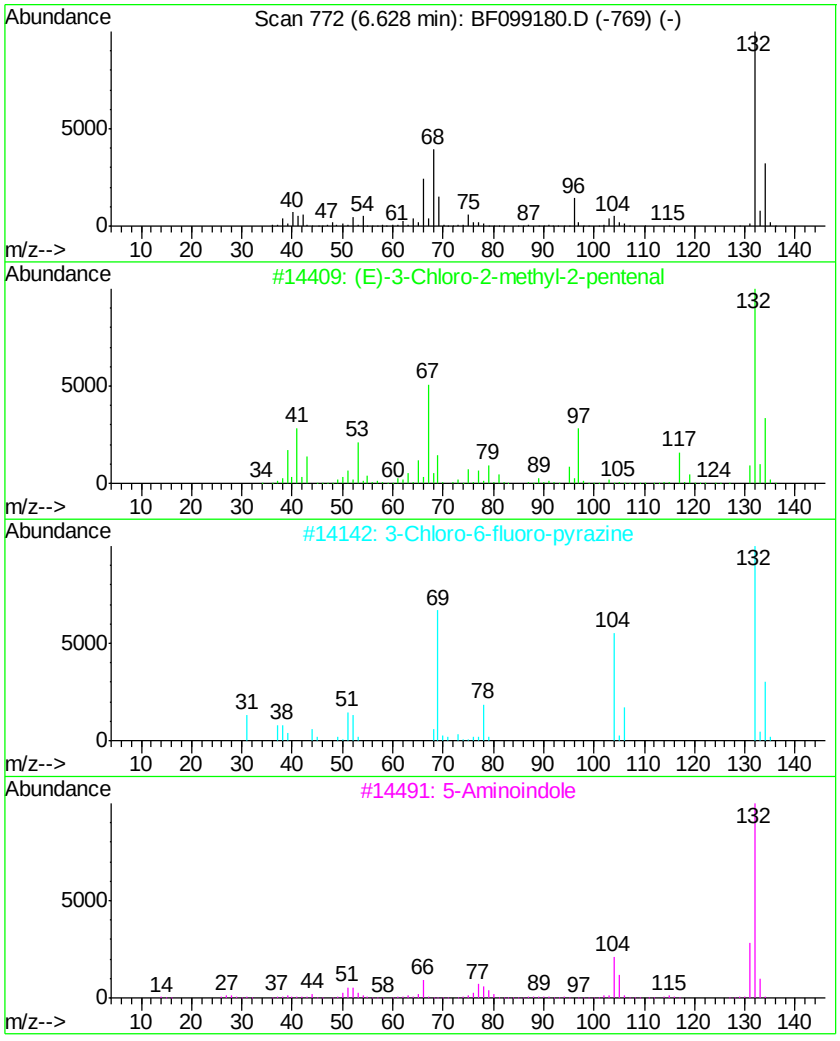
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

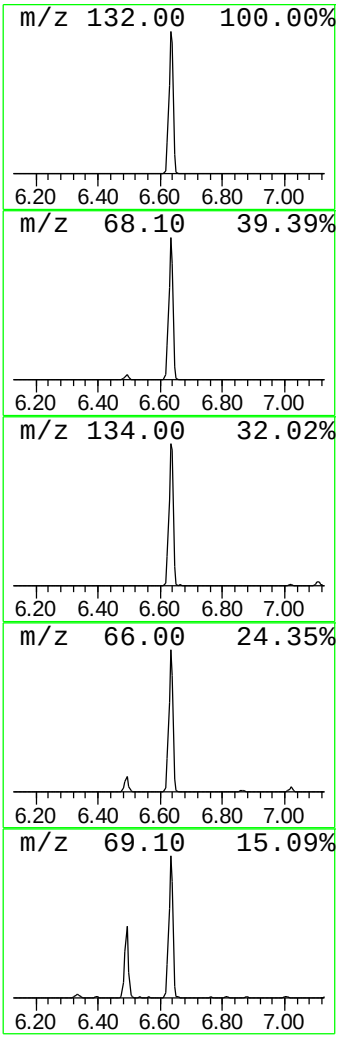
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	77.14 ng	3022890	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

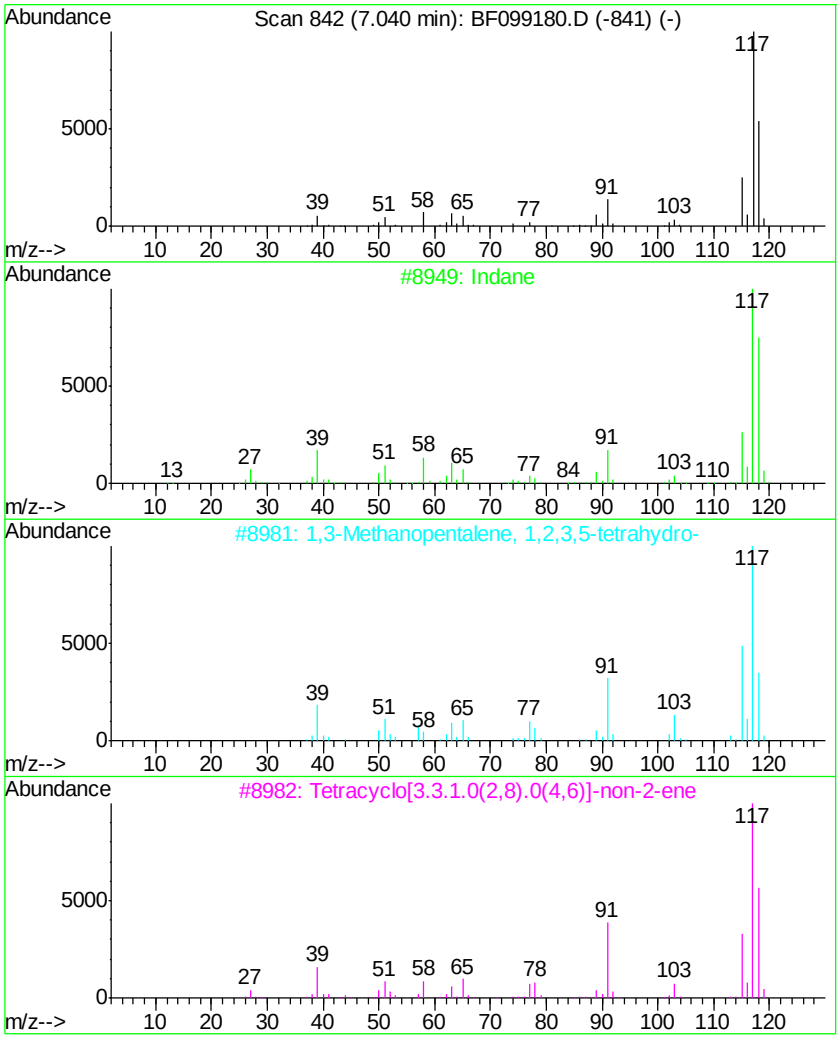
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

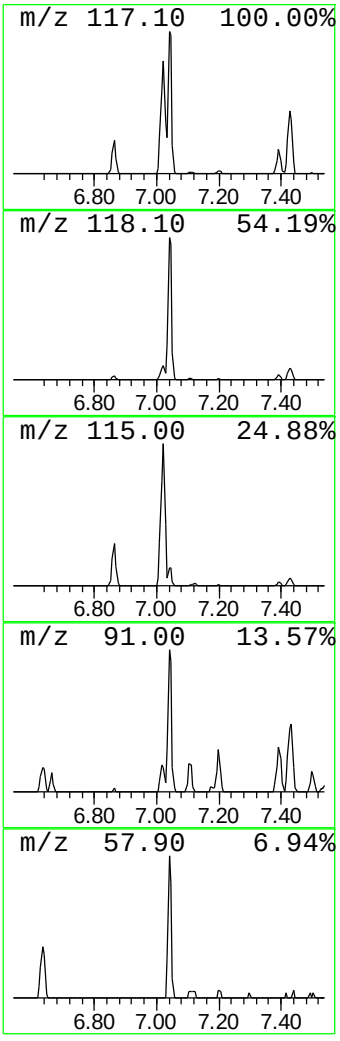
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	7.59 ng	297258	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5	Deltacyclene	118	C9H10	007785-10-6	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

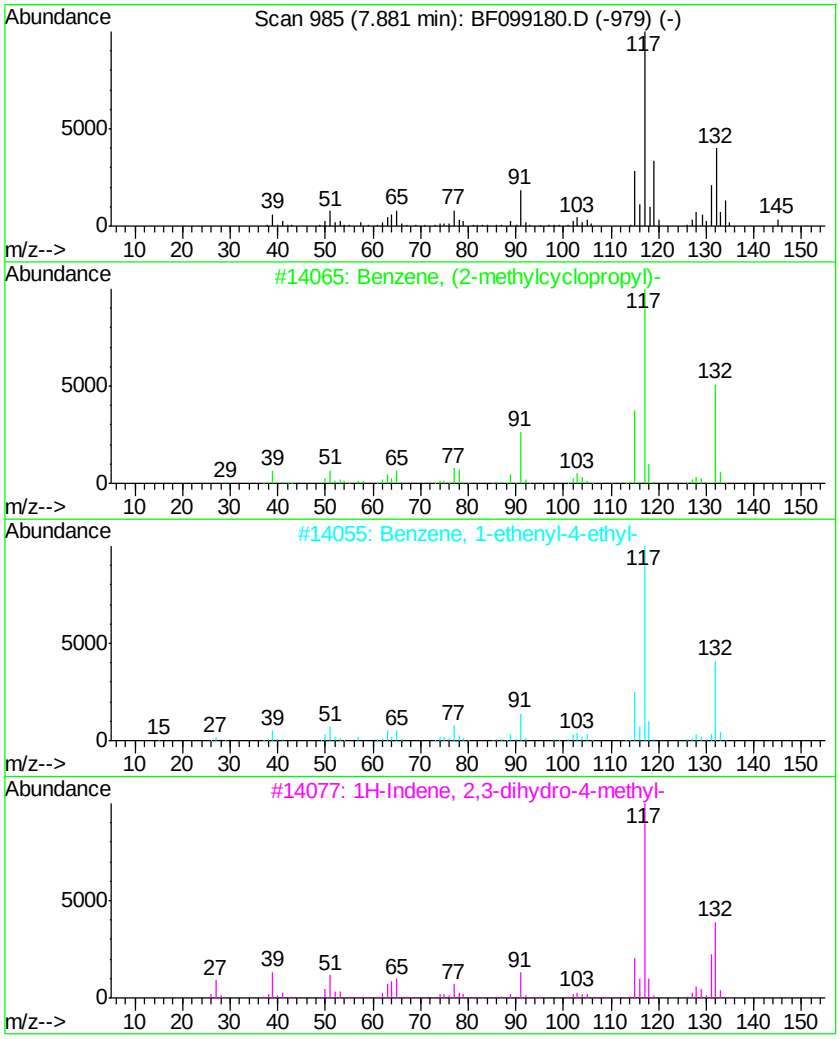
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

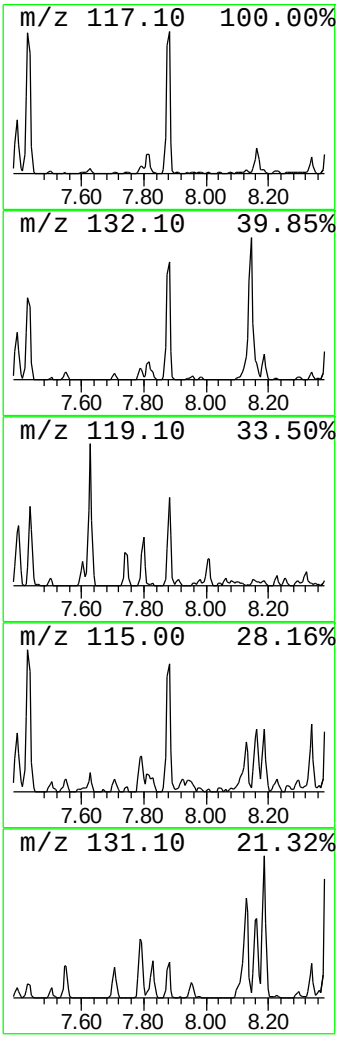
****

Peak Number 6 Benzene, (2-methylcycloprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.59 ng	227455	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	92
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

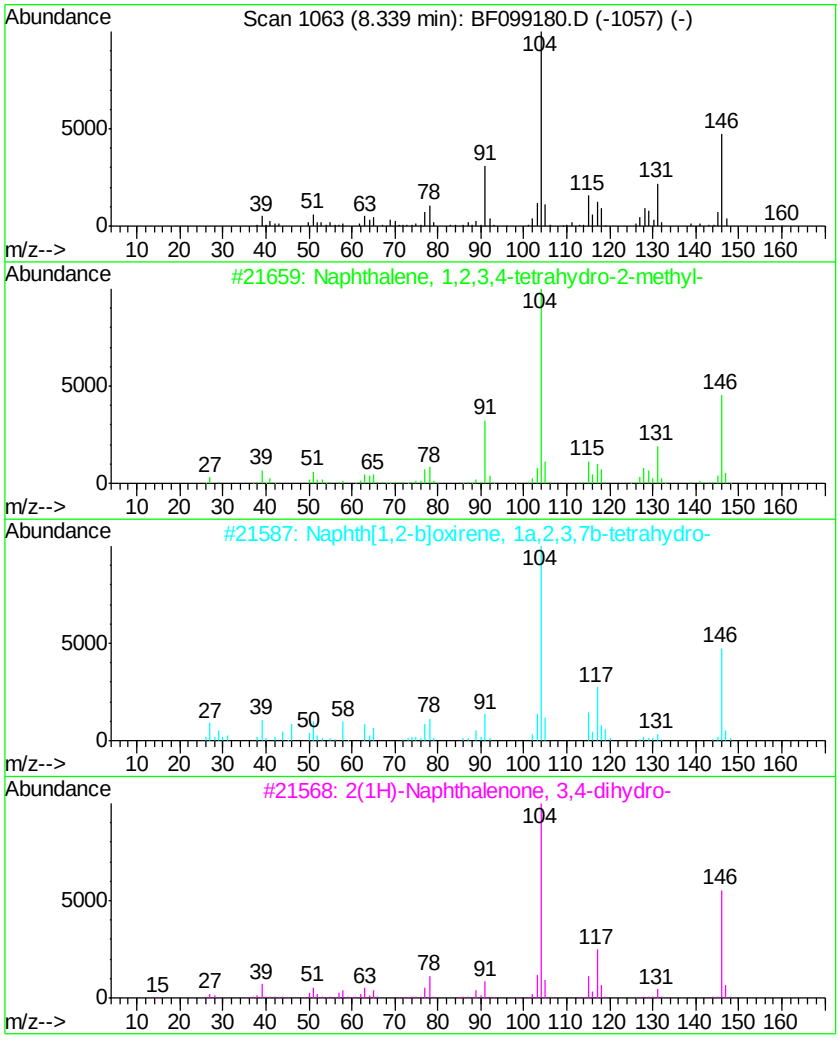
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

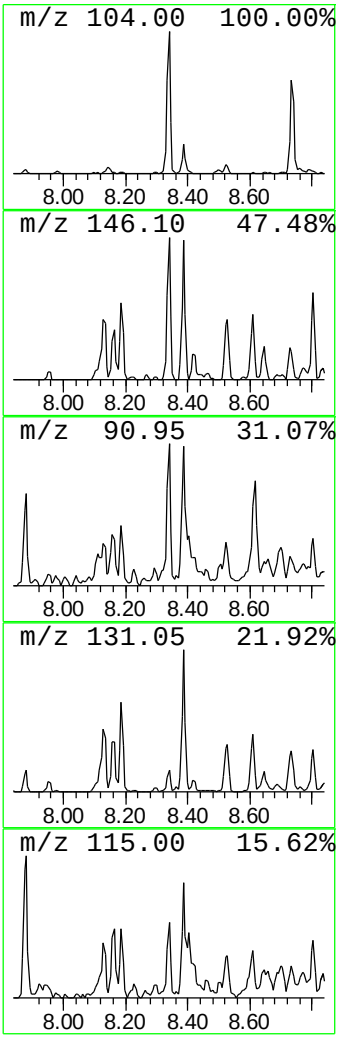
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.08 ng	195336	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	38
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

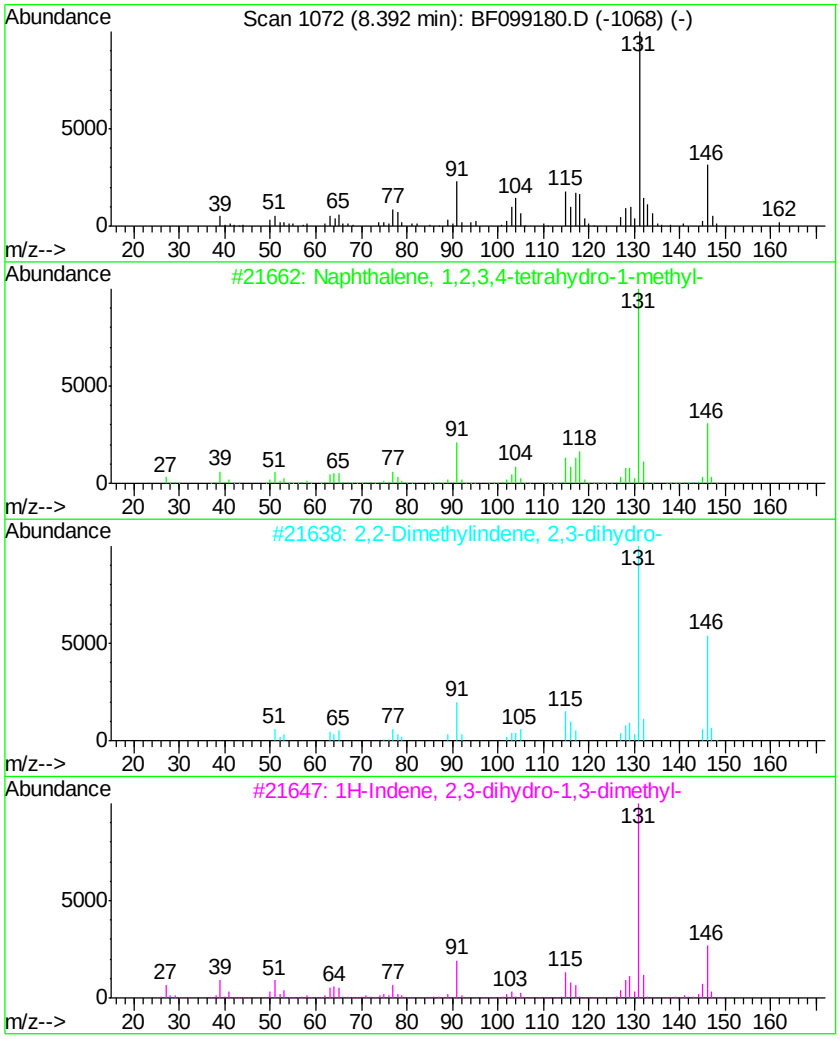
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

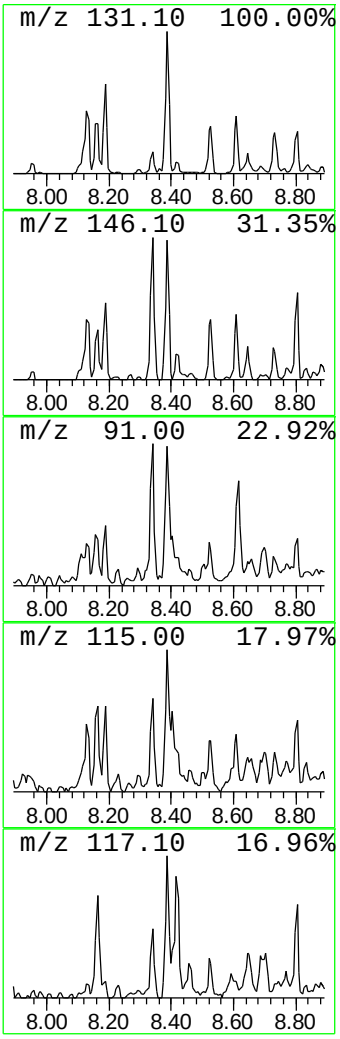
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	5.42 ng	343400	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

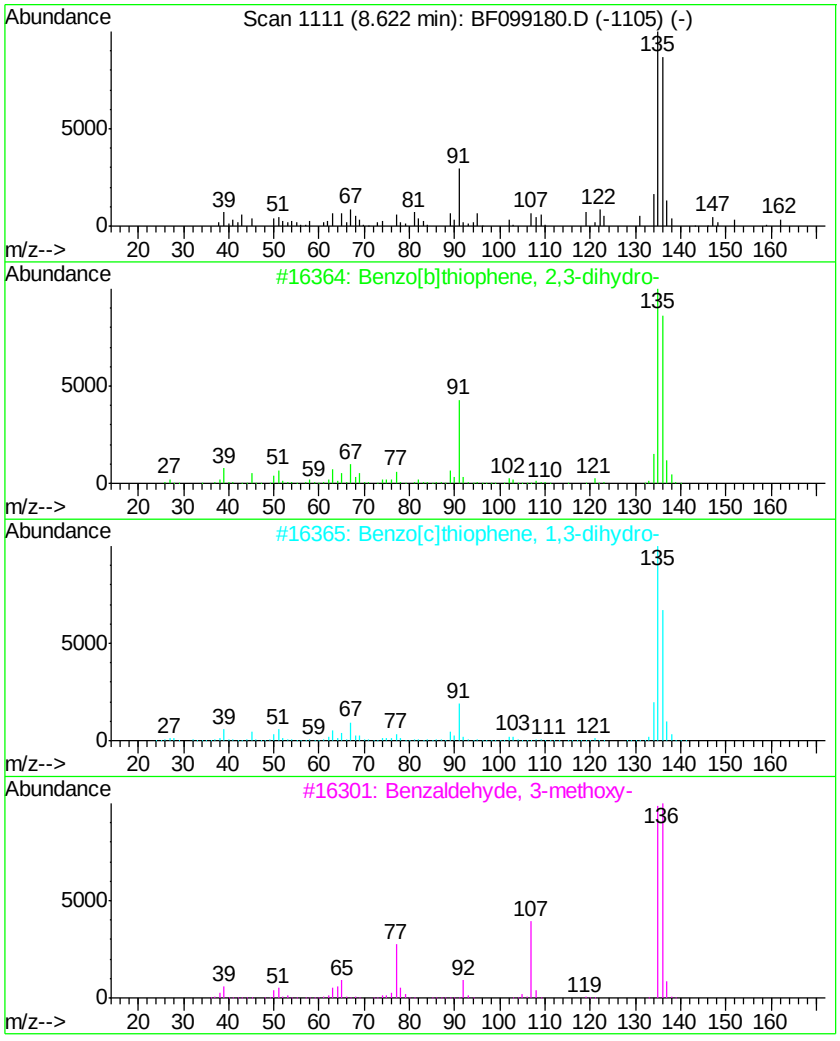
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

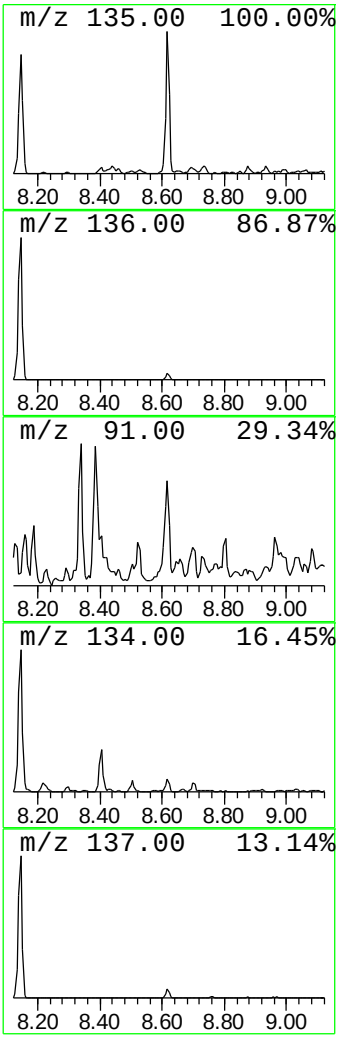
****

Peak Number 10 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.62 ng	229319	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
3	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	64
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	64
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

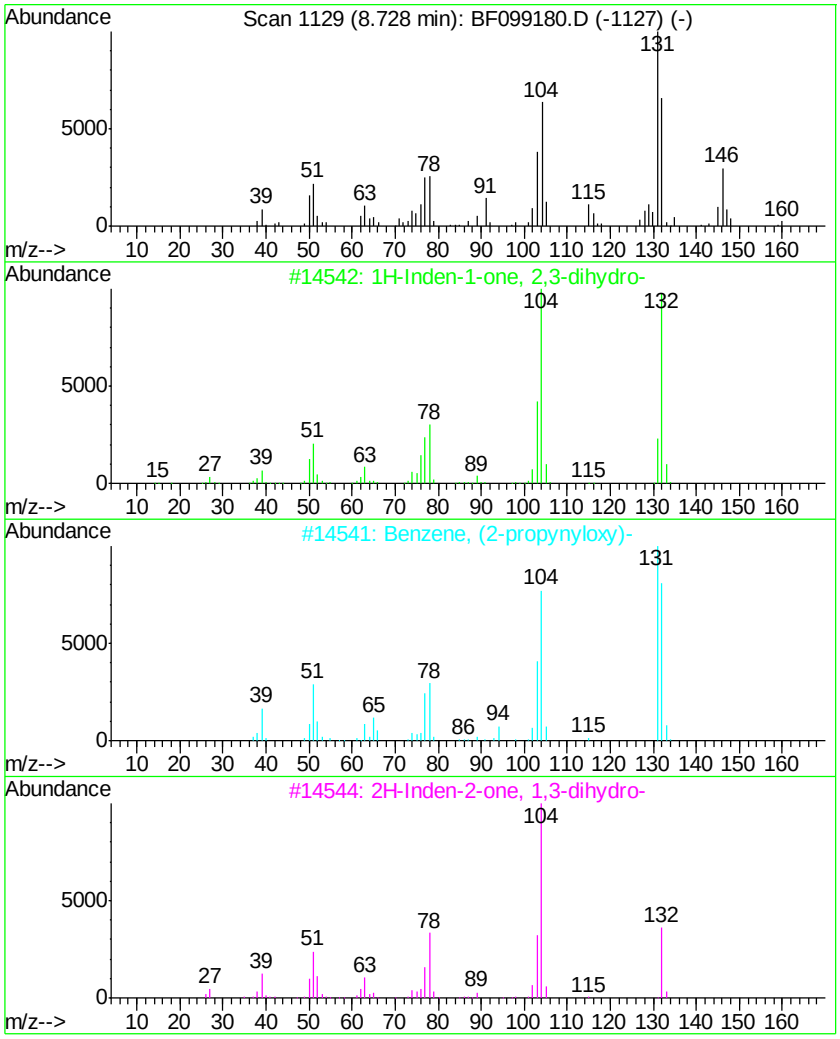
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

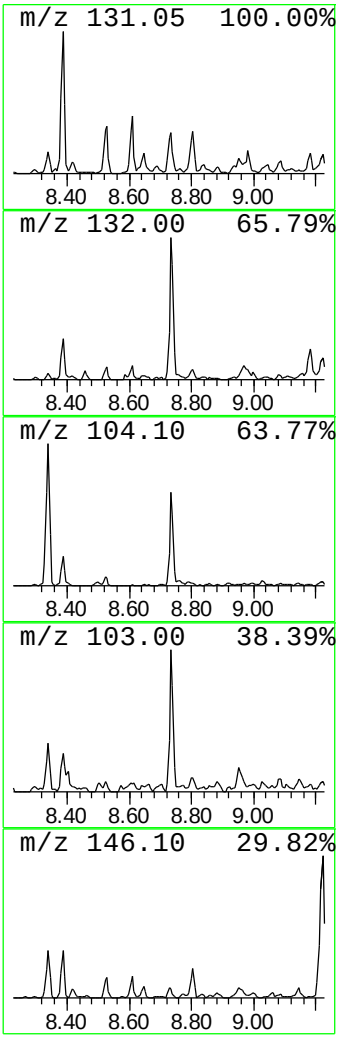
****

Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.56 ng	225748	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	81
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	Styrene	104	C8H8	000100-42-5	50
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

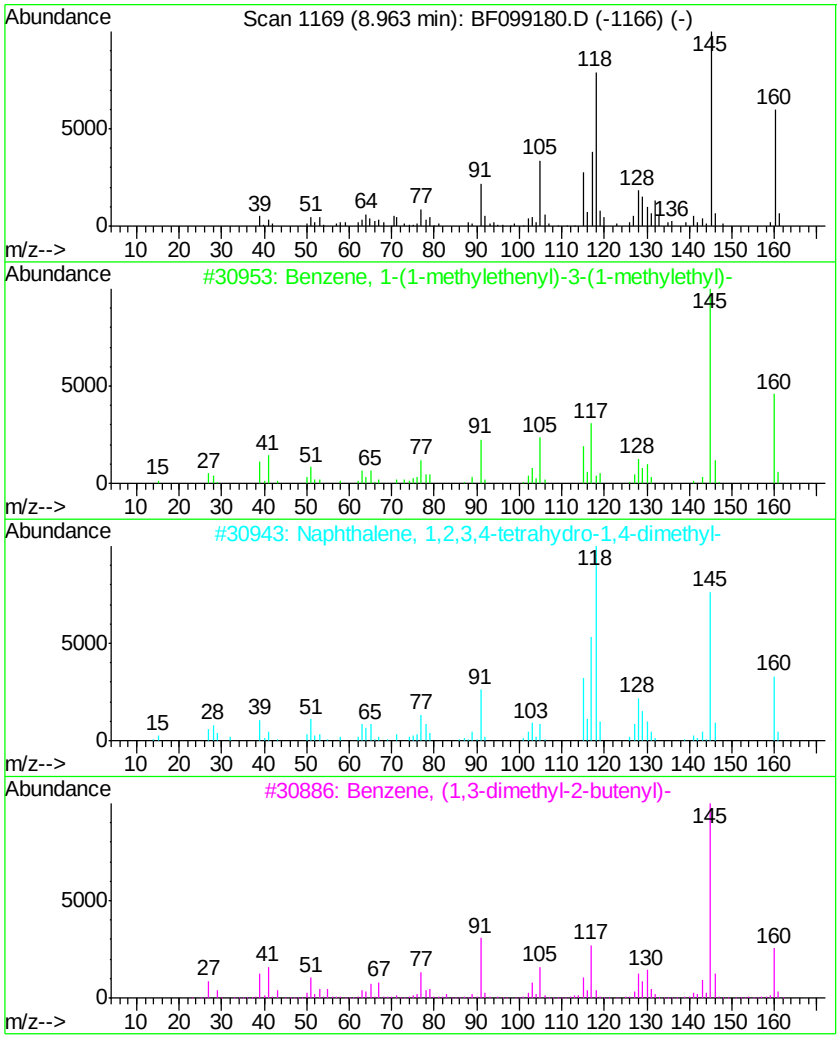
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

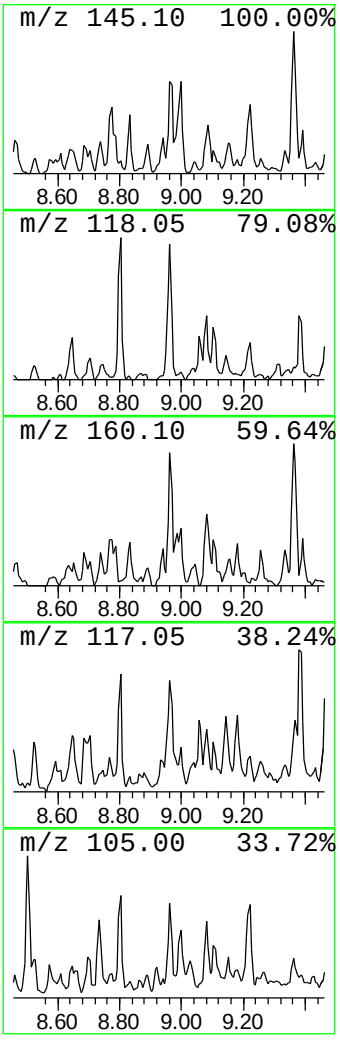
****

Peak Number 12 Benzene, 1-(1-methylethenyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.39 ng	151258	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	92
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	86
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	60
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

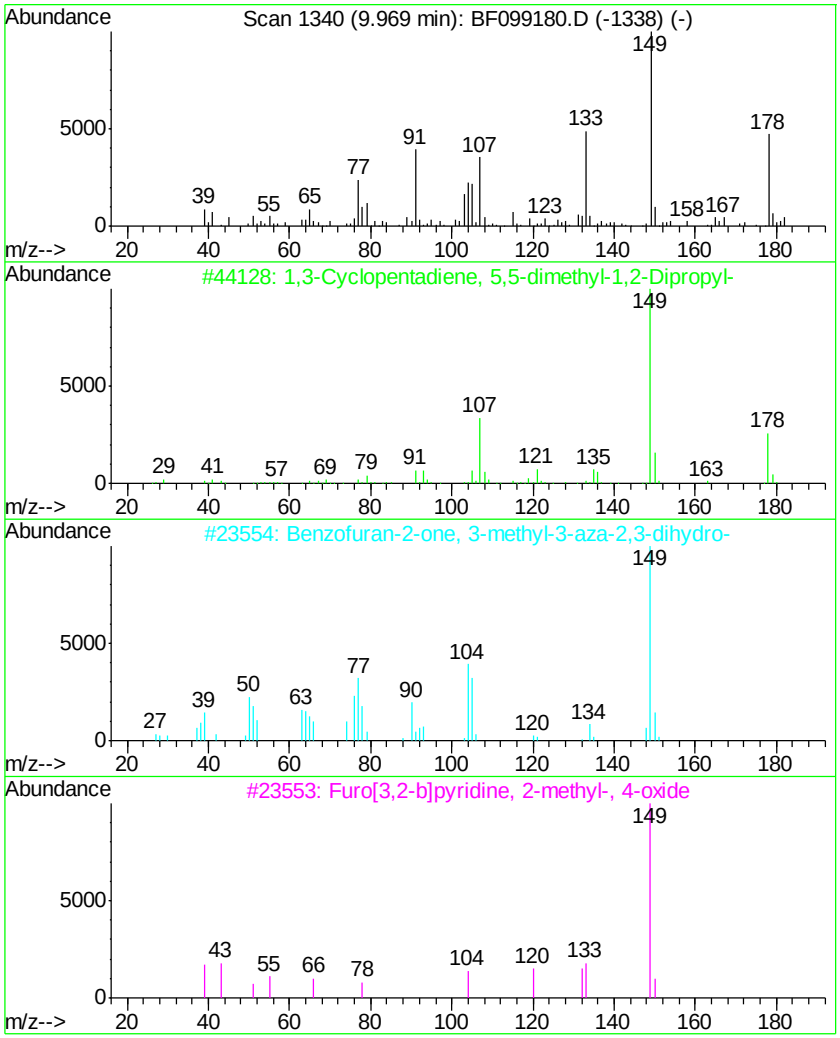
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

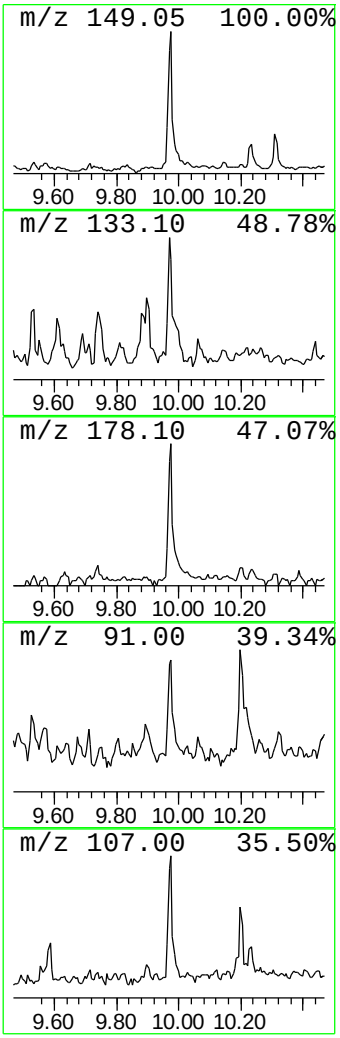
****

Peak Number 13 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.34 ng	138443	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	53
2	Benzofuran-2-one, 3-methyl-3-aza...	149	C8H7NO2	1000289-12-2	43
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	38
4	1,3-Cyclohexadiene, 1,2,3,4,5,6-...	164	C12H20	1000152-09-6	37
5	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

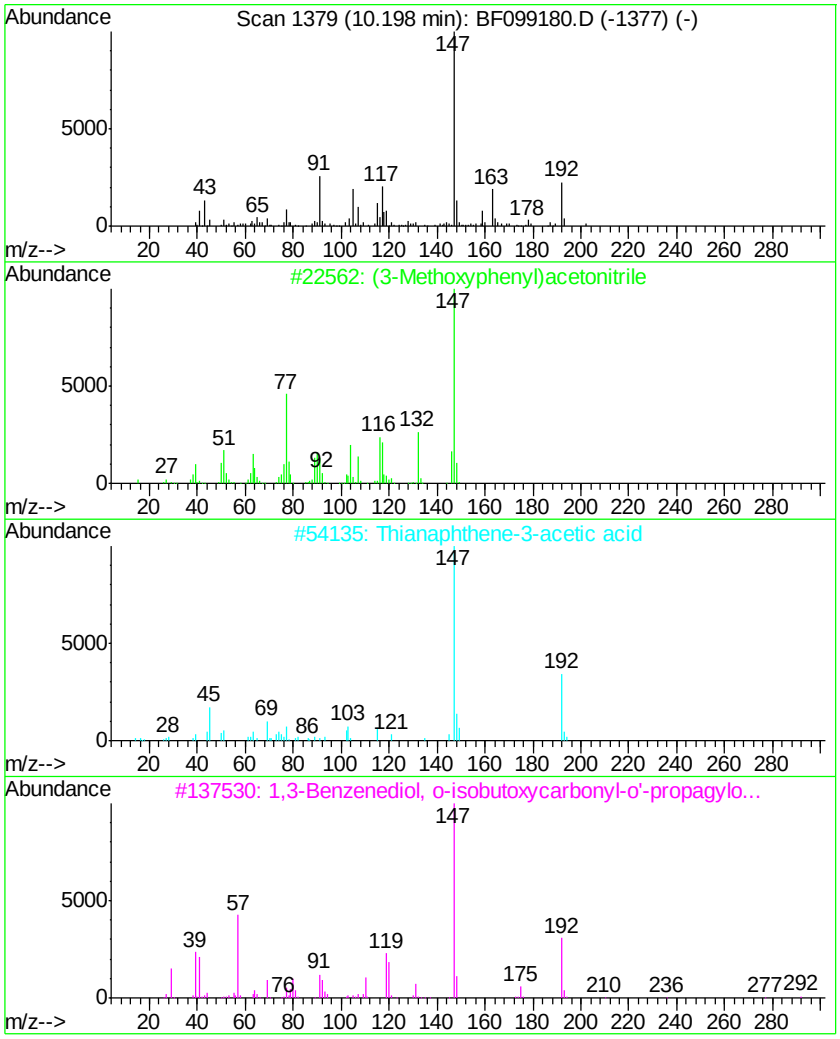
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

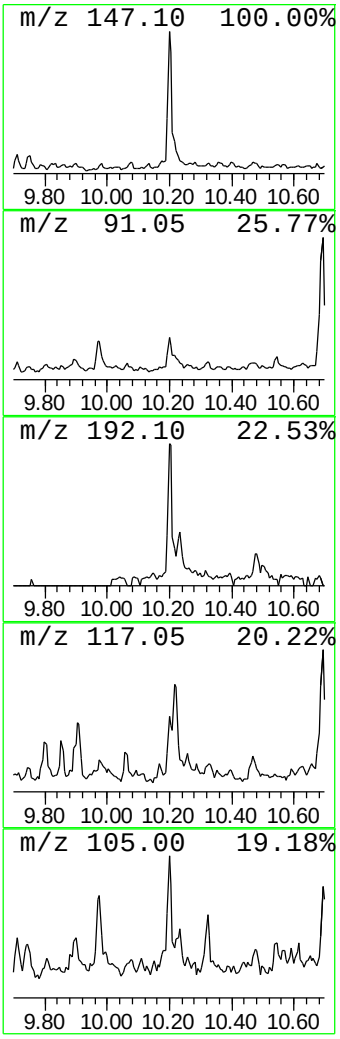
****

Peak Number 14 unknown10.20 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.01 ng	118833	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	47
2	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	47
3	1,3-Benzenediol, o-isobutoxycarb...	292	C15H16O6	1000330-80-2	40
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	40
5	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

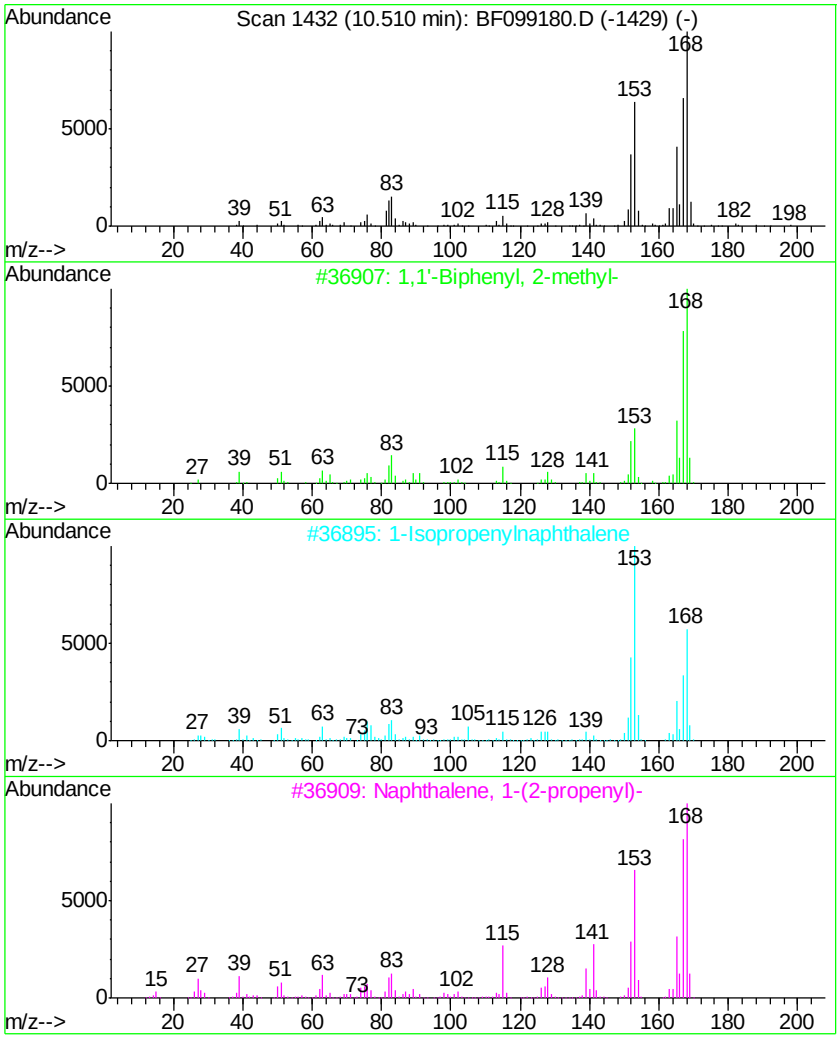
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

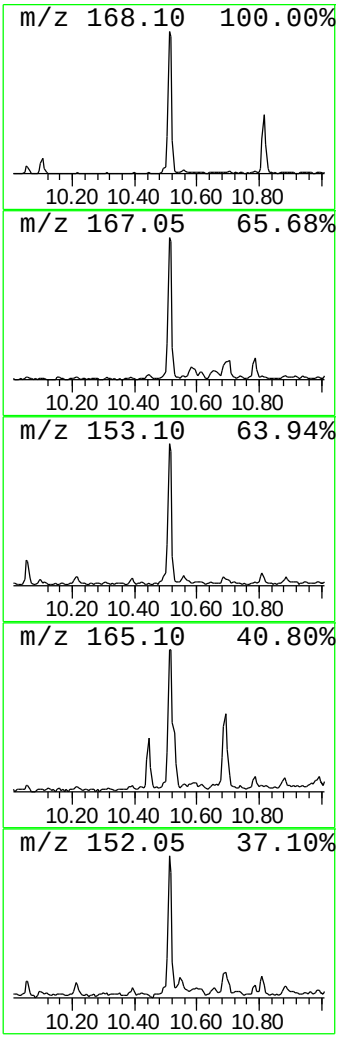
****

Peak Number 15 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	4.82 ng	285274	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	62
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

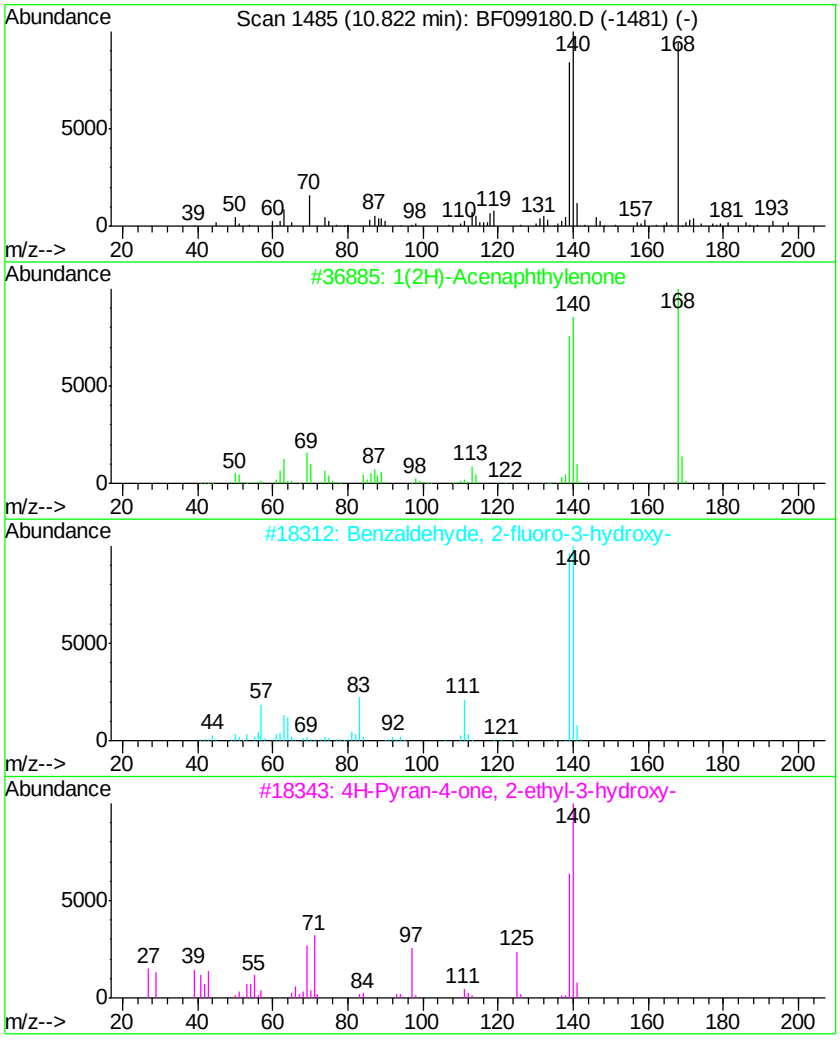
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

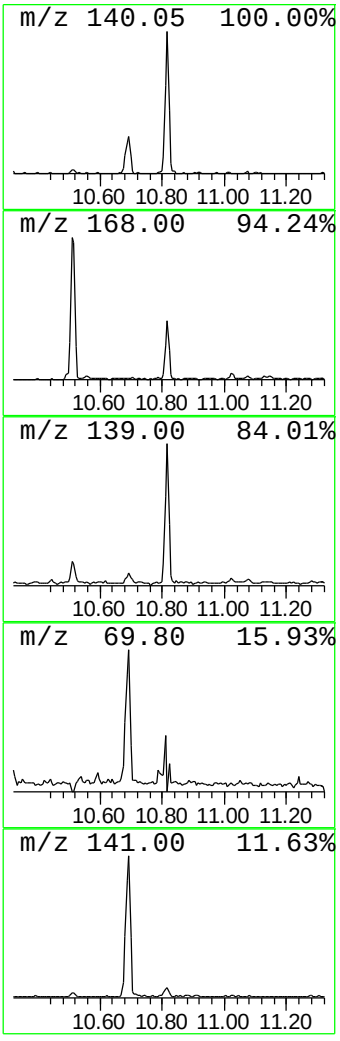
****

Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.63 ng	170728	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	43
3	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	43
4	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	43
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	40





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

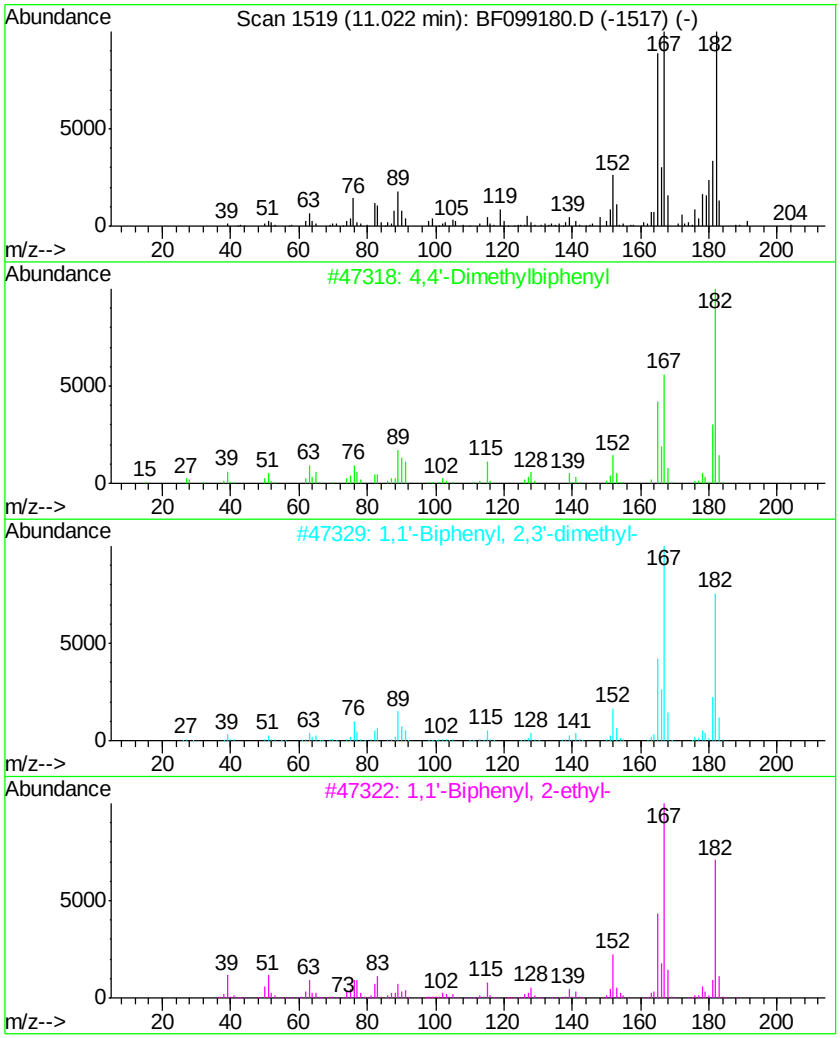
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

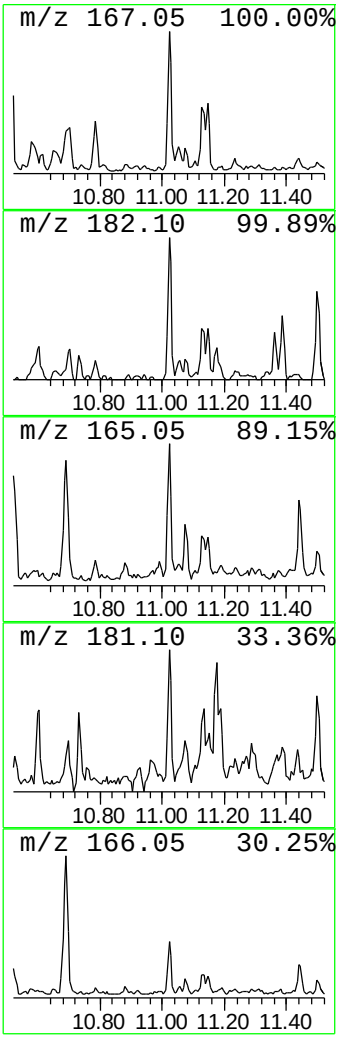
****

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.02 ng	95003	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	89
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	86
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	81
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

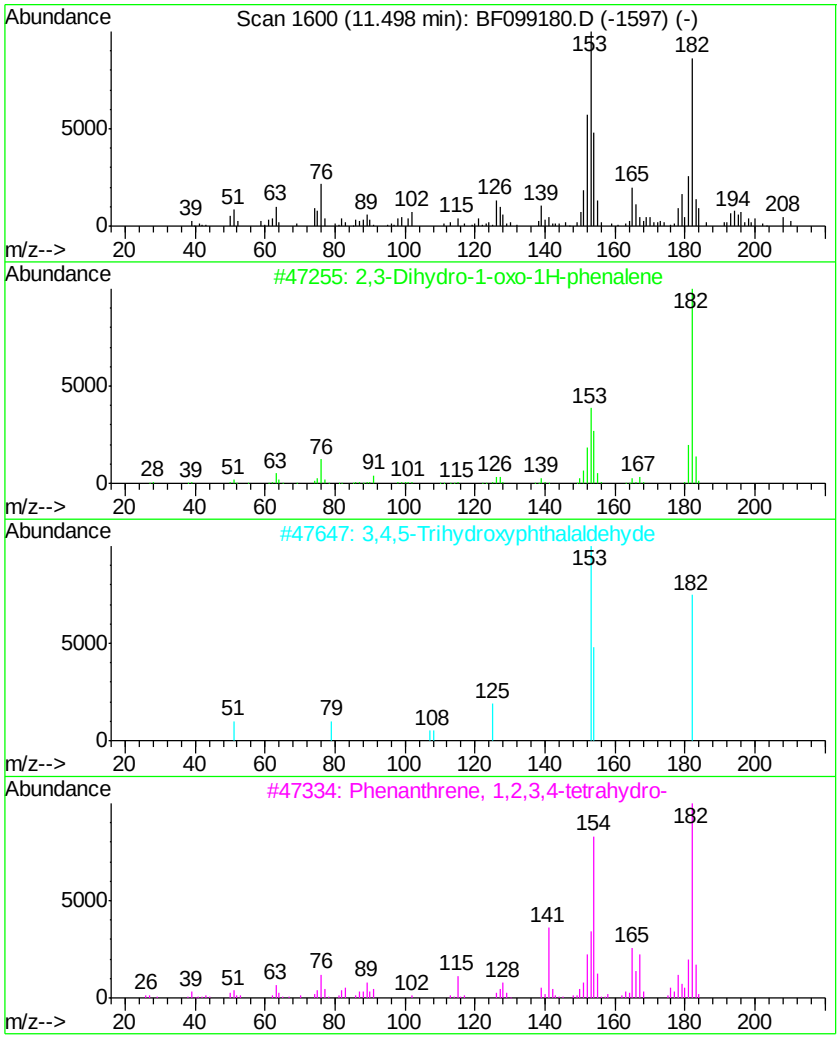
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

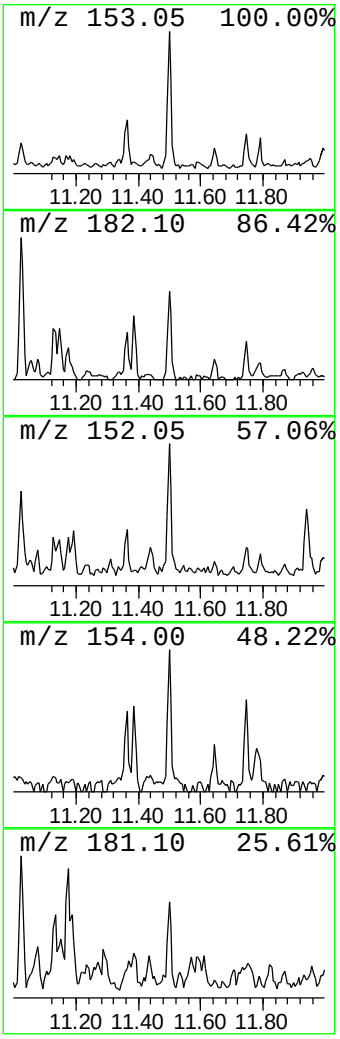
****

Peak Number 18 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.05 ng	96246	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	89
2	3,4,5-Trihydroxyphthalaldehyde	182	C8H6O5	016790-41-3	47
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	46
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

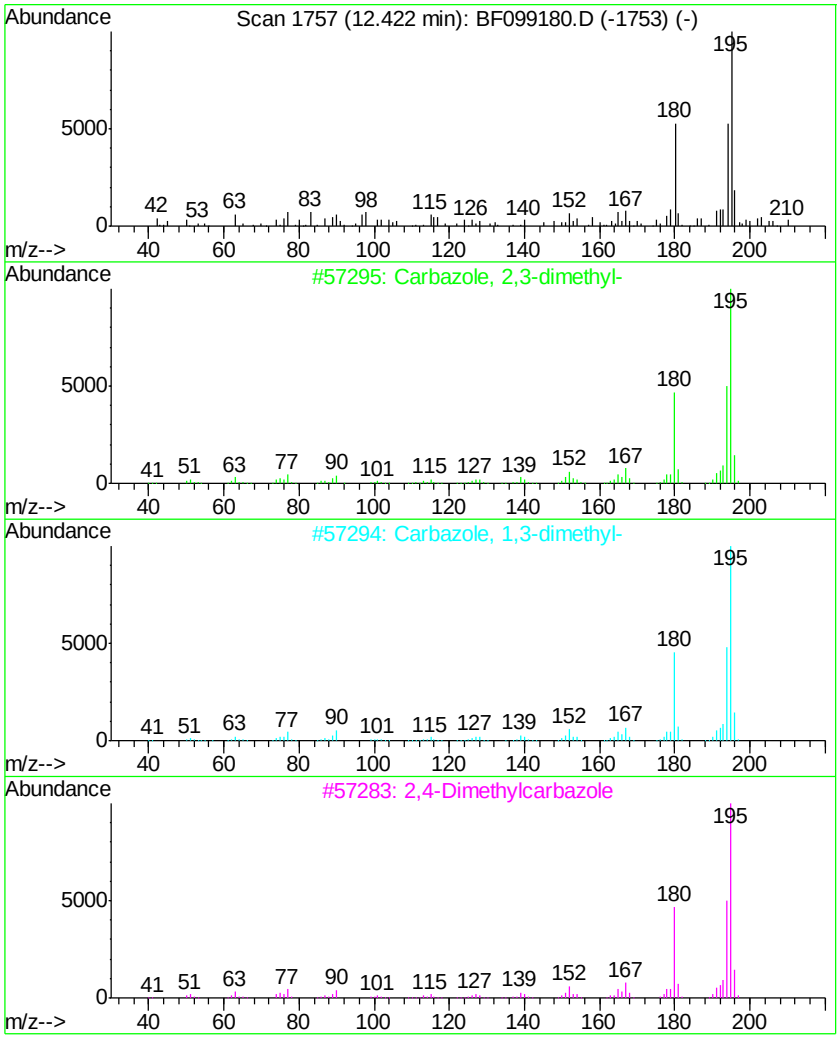
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

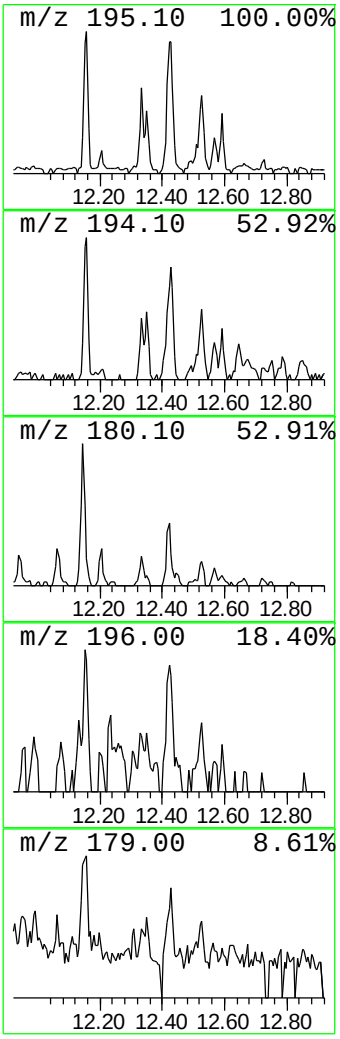
****

Peak Number 19 Carbazole, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.17 ng	102067	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,3-dimethyl-	195	C14H13N	018992-70-6	97
2	Carbazole, 1,3-dimethyl-	195	C14H13N	018992-68-2	97
3	2,4-Dimethylcarbazole	195	C14H13N	1000326-01-2	96
4	Carbazole, 1,4-dimethyl-	195	C14H13N	018028-55-2	93
5	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

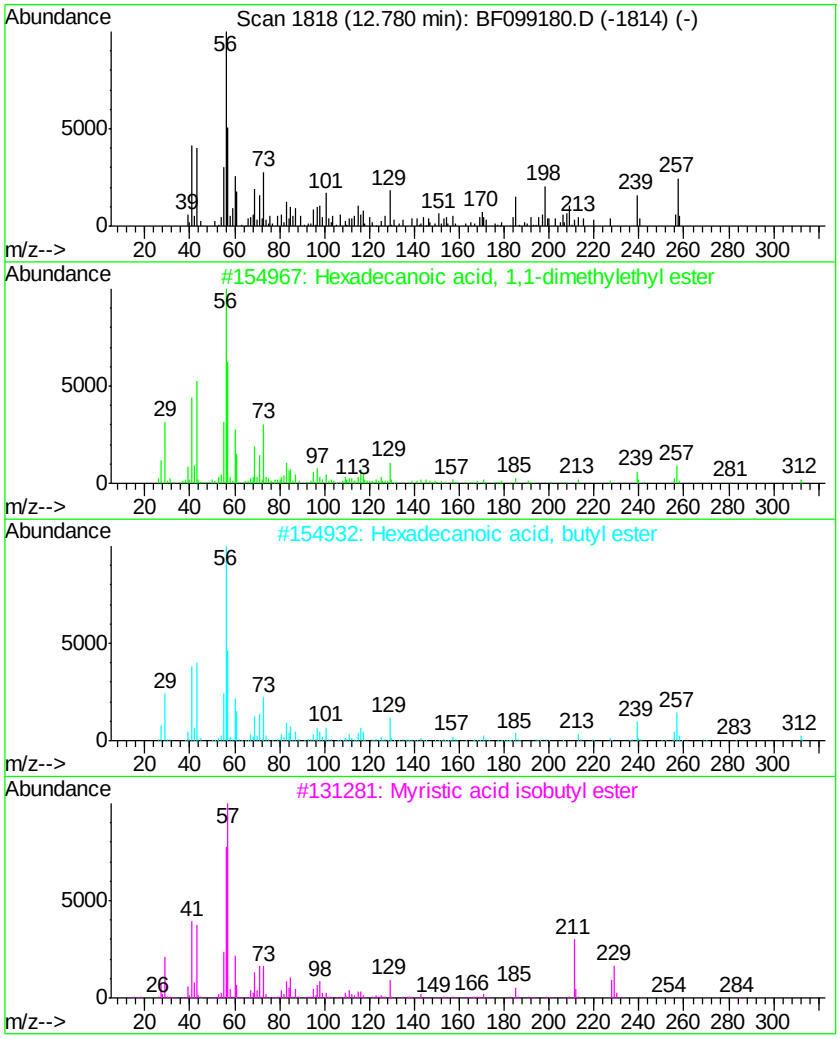
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

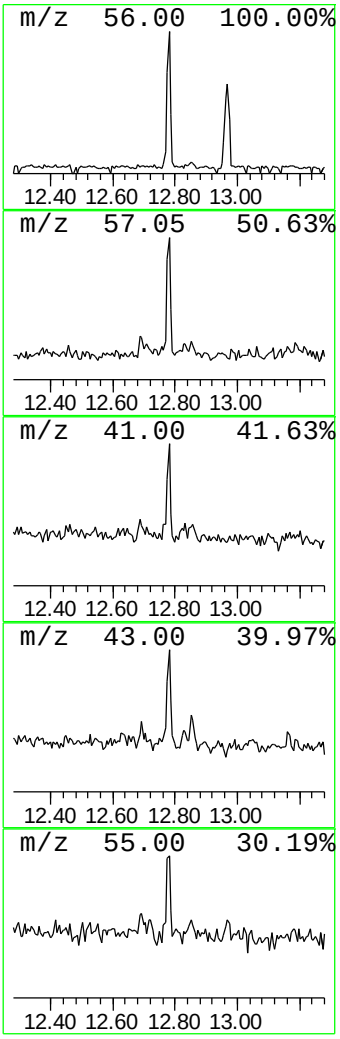
****

Peak Number 20 Hexadecanoic acid, 1,1-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.70 ng	83031	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
3	Myristic acid isobutyl ester	284	C18H36O2	025263-97-2	37
4	(n-Butylthio)acetonitrile	129	C6H11NS	071037-08-6	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099180.D
Acq On : 7 Oct 2017 7:02
Operator : SJ/JU
Sample : I5542-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Butane, 2-methoxy...	2.16	22.0	ng	861996	1	6.86	783739	20.0
2-Pentanone, 4-hy...	5.09	7.0	ng	276093	1	6.86	783739	20.0
unknown6.63	6.63	77.1	ng	3022890	1	6.86	783739	20.0
Indane	7.04	7.6	ng	297258	1	6.86	783739	20.0
Benzene, (2-methy...	7.88	3.6	ng	227455	2	8.15	1267240	20.0
Naphthalene, 1,2,...	8.34	3.1	ng	195336	2	8.15	1267240	20.0
Naphthalene, 1,2,...	8.39	5.4	ng	343400	2	8.15	1267240	20.0
Benzo[b]thiophene...	8.62	3.6	ng	229319	2	8.15	1267240	20.0
1H-Inden-1-one, 2...	8.73	3.6	ng	225748	2	8.15	1267240	20.0
Benzene, 1-(1-met...	8.96	2.4	ng	151258	2	8.15	1267240	20.0
1,3-Cyclopentadie...	9.97	2.3	ng	138443	3	9.90	1182540	20.0
unknown10.20	10.20	2.0	ng	118833	3	9.90	1182540	20.0
1,1'-Biphenyl, 2-...	10.51	4.8	ng	285274	3	9.90	1182540	20.0
1(2H)-Acenaphthyl...	10.82	3.6	ng	170728	4	11.39	939637	20.0
4,4'-Dimethylbiph...	11.02	2.0	ng	95003	4	11.39	939637	20.0
2,3-Dihydro-1-oxo...	11.50	2.0	ng	96246	4	11.39	939637	20.0
Carbazole, 2,3-di...	12.42	2.2	ng	102067	4	11.39	939637	20.0
Hexadecanoic acid...	12.78	2.7	ng	83031	5	14.02	615078	20.0