LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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-BF050217.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	4.807	502	505	518	rBV2	25665	64672	2.05%	0.266%
2	5.478	615	619	648	rBV	443248	1171156	37.06%	4.811%
3	7.066	885	889	895	rBV5	17938	42153	1.33%	0.173%
4	7.119	895	898	910	rVV	264405	603676	19.10%	2.480%
5	7.213	910	914	925	rVV	1573647	2494179	78.93%	10.246%
6	7.289	925	927	938	rVB2	26387	39624	1.25%	0.163%
7	7.554	968	972	986	rBV	412568	532955	16.87%	2.189%
8	7.789	1007	1012	1016	rBV	1571714	2075921	65.69%	8.528%
9	7.825	1016	1018	1032	rVB	250304	318701	10.09%	1.309%
10	7.984	1042	1045	1051	rVB	32158	38675	1.22%	0.159%
11	8.095	1058	1064	1066	rBV3	27555	40619	1.29%	0.167%
12	8.401	1107	1116	1118	rBV2	45460	52599	1.66%	0.216%
13	8.431	1118	1121	1122	rVV	80802	80724	2.55%	0.332%
14	8.466	1122	1127	1145	rVB2	1130242	1737505	54.98%	7.138%
15	8.654	1156	1159	1167	rVB2	20960	33485	1.06%	0.138%
16	8.813	1181	1186	1190	rVB	53431	69637	2.20%	0.286%
17	9.083	1229	1232	1241	rVV	107220	158329	5.01%	0.650%
18	9.183	1244	1249	1260	rVV2	198117	363368	11.50%	1.493%
19	9.278	1260	1265	1272	rVV7	13354	35982	1.14%	0.148%
20	9.336	1272	1275	1284	rVB6	22365	43977	1.39%	0.181%
21	9.583	1313	1317	1325	rBV	486485	715179	22.63%	2.938%
22	9.689	1330	1335	1345	rVB2	84735	139464	4.41%	0.573%
23	9.919	1370	1374	1380	rVB	57365	71748	2.27%	0.295%
24	9.989	1382	1386	1391	rVB2	60341	76658	2.43%	0.315%
25	10.066	1391	1399	1403	rBV2	58759	93702	2.97%	0.385%
26	10.242	1424	1429	1433	rVB	62076	77655	2.46%	0.319%
27	10.366	1441	1450	1454	rBV	59128	88614	2.80%	0.364%
28	10.419	1454	1459	1463	rVV3	64012	87205	2.76%	0.358%
29	10.525	1468	1477	1480	rBV2	25644	67604	2.14%	0.278%
30	10.554	1480	1482	1486	rVB	34882	35199	1.11%	0.145%
31	10.666	1492	1501	1508	rVB2	130715	224345	7.10%	0.922%
32	10.748	1508	1515	1525	rBV	227726	348449	11.03%	1.431%
33	10.836	1525	1530	1534	rBV5	27338	57062	1.81%	0.234%
34	10.895	1534	1540	1545	rVV	407086	537823	17.02%	2.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.942	1545	1548	1553	rVV5	70767	118148	3.74%	0.485%
36	10.989	1553	1556	1563	rVB3	34096	59212	1.87%	0.243%
37	11.083	1563	1572	1575	rBV8	21865	63201	2.00%	0.260%
38	11.166	1581	1586	1589	rBV5	26714	39680	1.26%	0.163%
39	11.248	1596	1600	1604	rVB4	26106	36988	1.17%	0.152%
40	11.289	1604	1607	1611	rBV3	32333	36334	1.15%	0.149%
41	11.360	1613	1619	1625	rBV	2374716	3160065	100.00%	12.981%
42	11.442	1630	1633	1637	rVB6	30238	38620	1.22%	0.159%
43	11.560	1648	1653	1656	rBV5	29871	52764	1.67%	0.217%
44	11.595	1656	1659	1662	rVV	48945	73051	2.31%	0.300%
45	11.660	1666	1670	1677	rVB4	64651	138400	4.38%	0.569%
46	11.766	1684	1688	1690	rBV3	59440	86779	2.75%	0.356%
47	11.883	1701	1708	1712	rBV	178595	302445	9.57%	1.242%
48	11.924	1712	1715	1721	rVB2	68021	118512	3.75%	0.487%
49	12.048	1732	1736	1740	rBV2	140766	208753	6.61%	0.858%
50	12.201	1757	1762	1766	rBV	64452	90573	2.87%	0.372%
51	12.407	1793	1797	1803	rBV2	528428	726513	22.99%	2.984%
52	12.460	1803	1806	1812	rVB2	57938	93554	2.96%	0.384%
53	12.618	1830	1833	1839	rVB4	33391	58888	1.86%	0.242%
54	12.677	1839	1843	1847	rBV2	30185	46855	1.48%	0.192%
55	12.724	1847	1851	1853	rBV4	29990	42137	1.33%	0.173%
56	12.760	1853	1857	1858	rBV3	29112	33404	1.06%	0.137%
57	12.954	1886	1890	1896	rBV4	37510	86387	2.73%	0.355%
58	13.083	1908	1912	1915	rBV5	29572	48027	1.52%	0.197%
59	13.254	1934	1941	1947	rBV8	18986	43605	1.38%	0.179%
60	13.307	1947	1950	1954	rBV2	61932	85700	2.71%	0.352%
61	13.395	1961	1965	1970	rBV	69174	100224	3.17%	0.412%
62	13.707	2013	2018	2028	rBV	1075757	1539679	48.72%	6.325%
63	14.248	2106	2110	2114	rVB3	28210	42632	1.35%	0.175%
64	14.436	2139	2142	2146	rBV4	21408	32726	1.04%	0.134%
65	14.812	2201	2206	2211	rBV	458787	597436	18.91%	2.454%
66	15.018	2237	2241	2245	rBV5	20580	34132	1.08%	0.140%
67	15.236	2275	2278	2286	rVB	29931	41048	1.30%	0.169%
68	15.683	2351	2354	2359	rBV	56576	64197	2.03%	0.264%
69	15.801	2370	2374	2380	rVB	86616	108164	3.42%	0.444%
70	16.024	2408	2412	2419	rVB2	38464	59003	1.87%	0.242%
71	16.418	2475	2479	2484	rVB3	23498	43751	1.38%	0.180%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.895	2553	2560	2564	rBV3	35329	56139	1.78%	0.231%
73	17.006	2575	2579	2582	rBV	67969	68980	2.18%	0.283%
74	17.159	2600	2605	2609	rBV	1782736	1988391	62.92%	8.168%
75	17.936	2733	2737	2740	rBV	46814	52126	1.65%	0.214%
76	18.406	2812	2817	2830	rVB3	50717	96003	3.04%	0.394%
77	18.506	2830	2834	2841	rBV	467768	545731	17.27%	2.242%
78	20.183	3114	3119	3128	rBV	273523	365458	11.56%	1.501%

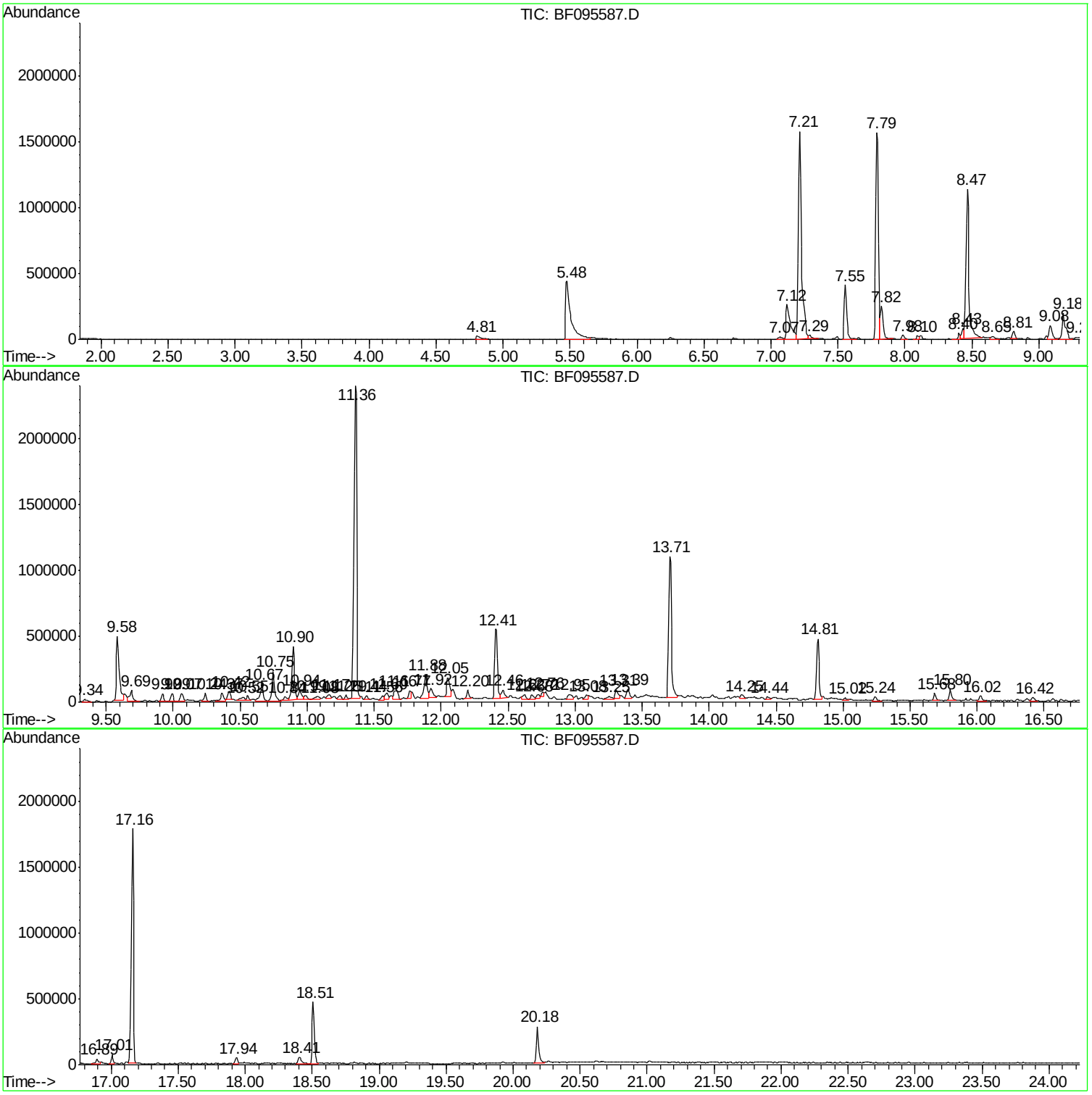
Sum of corrected areas: 24343059

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

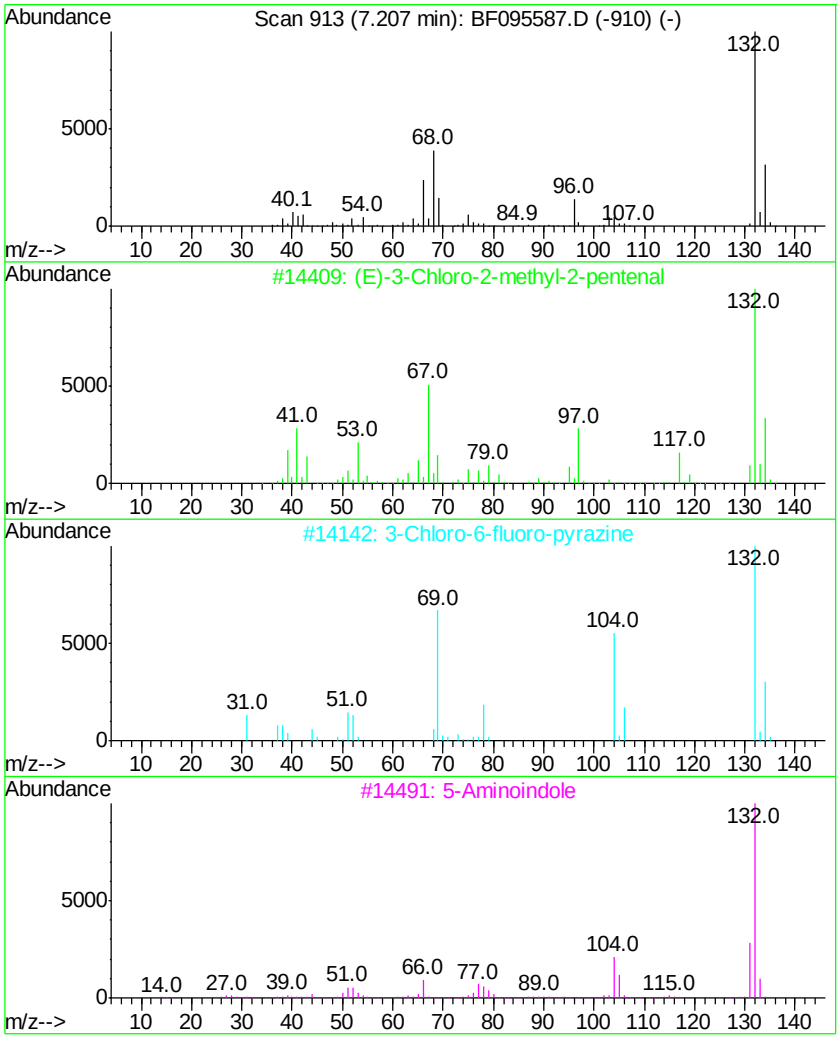
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

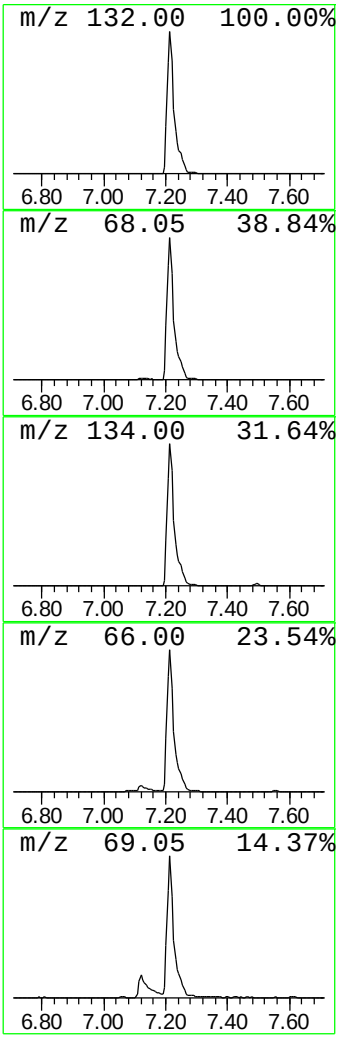
****

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	93.60 ng	2494180	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

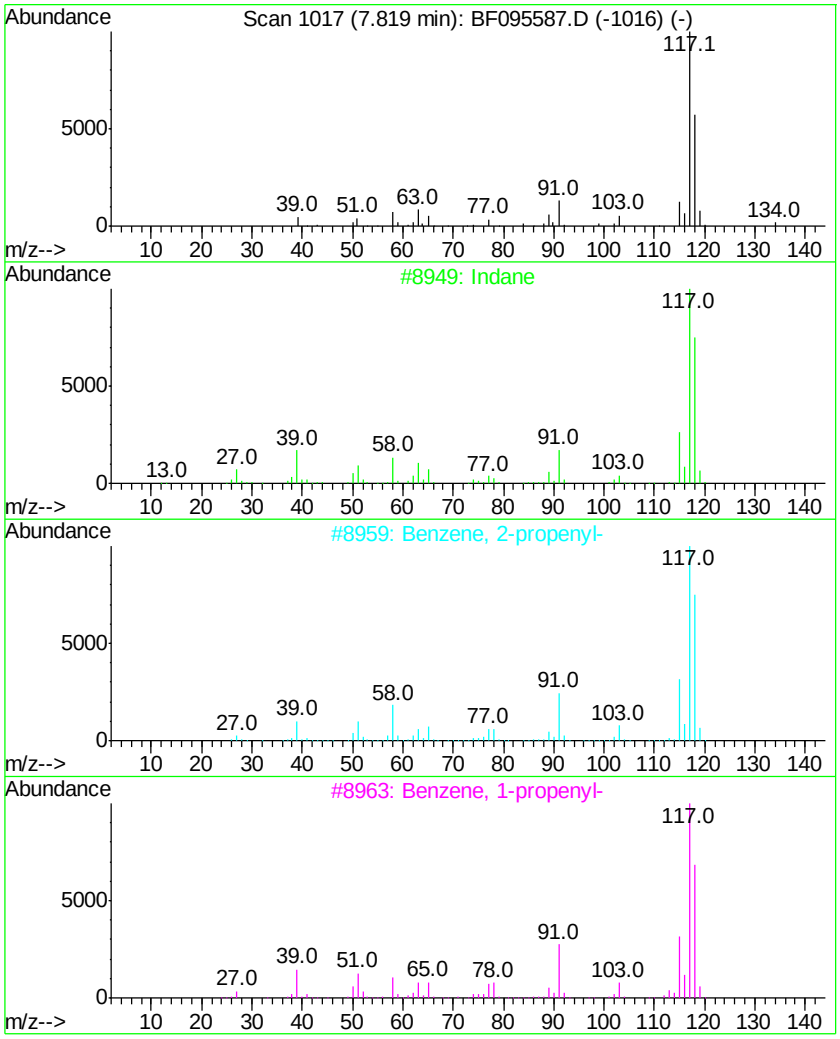
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

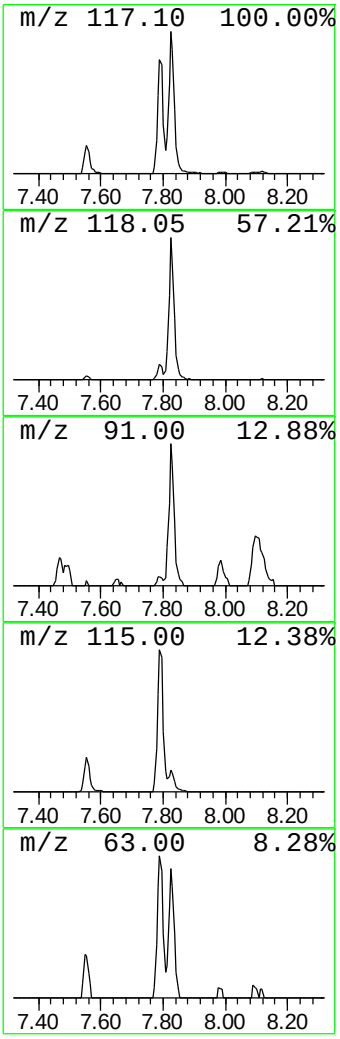
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.96 ng	318701	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

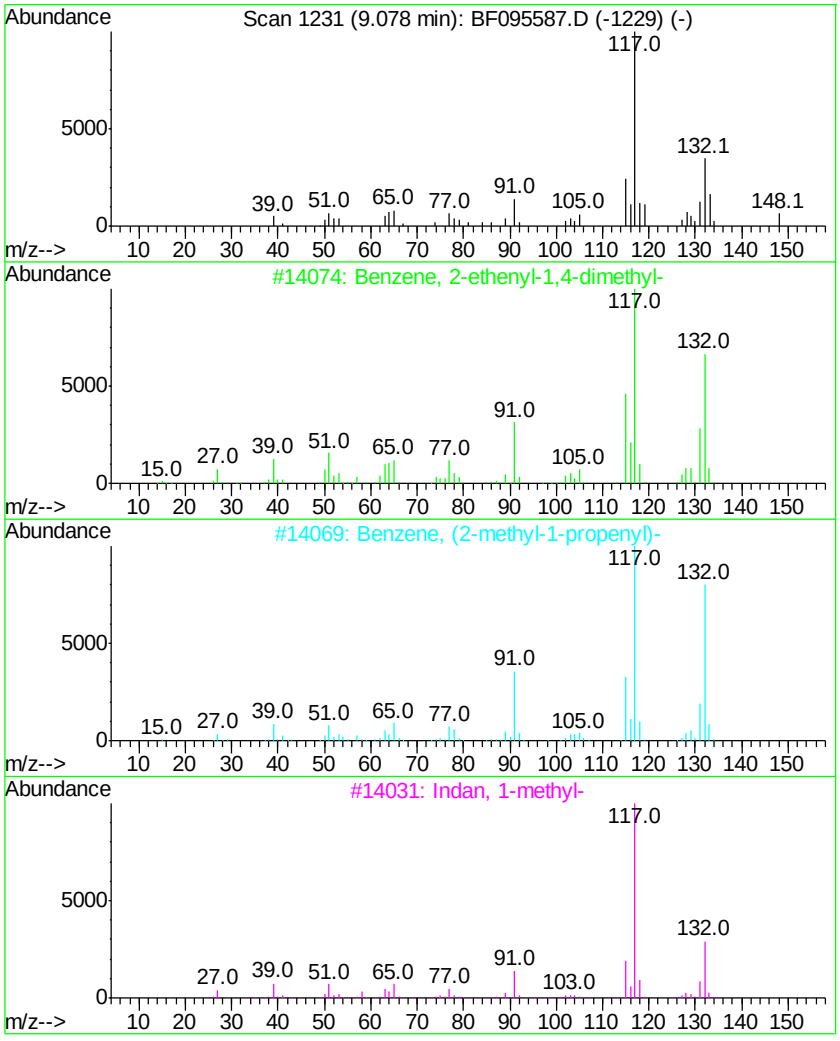
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

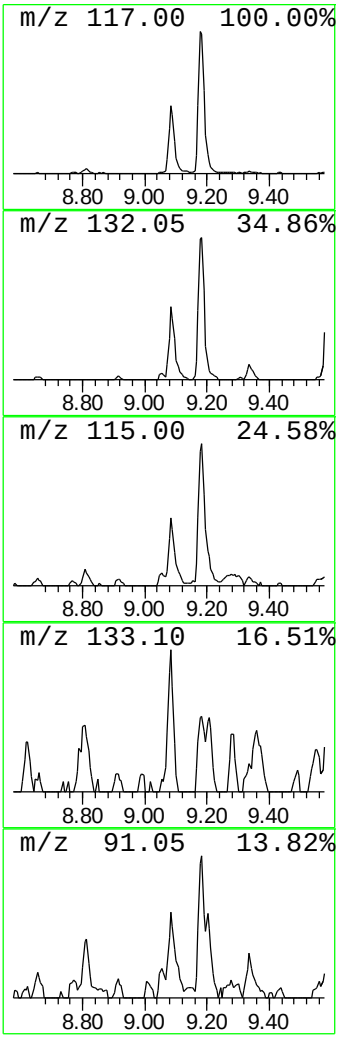
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.43 ng	158329	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

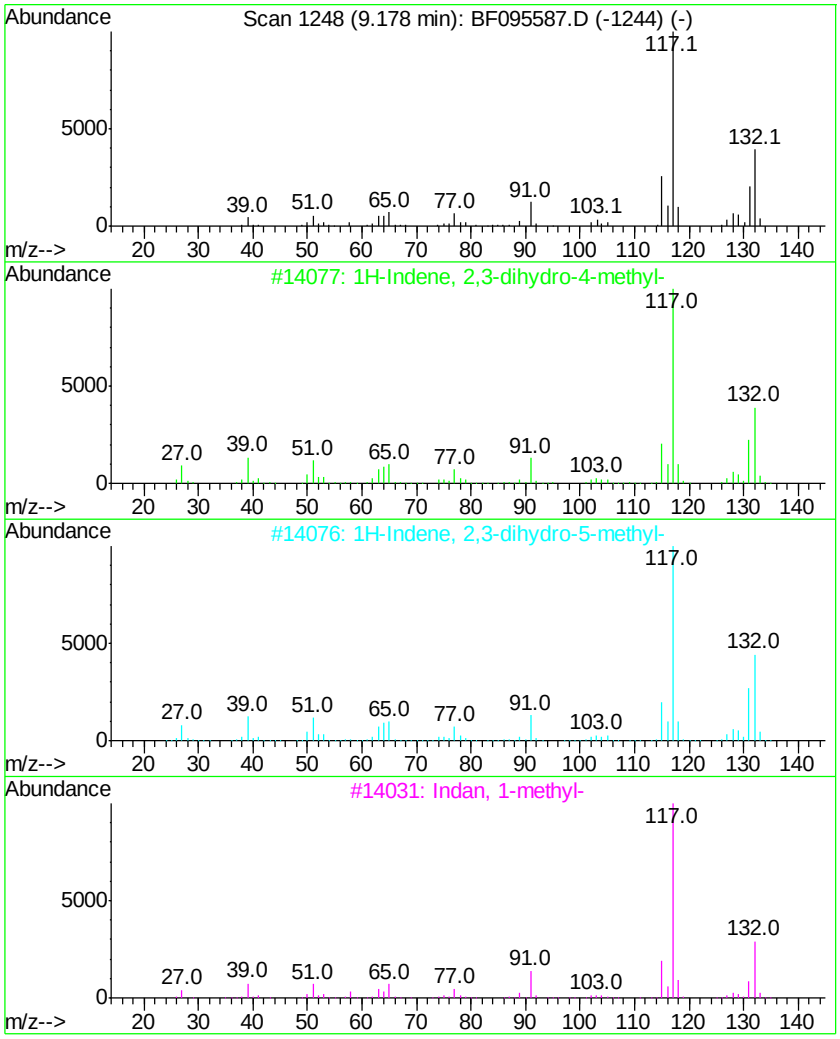
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

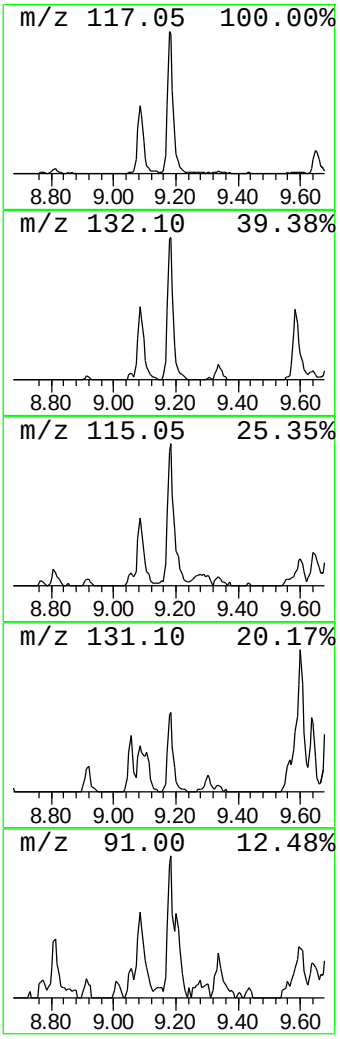
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	10.16 ng	363368	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

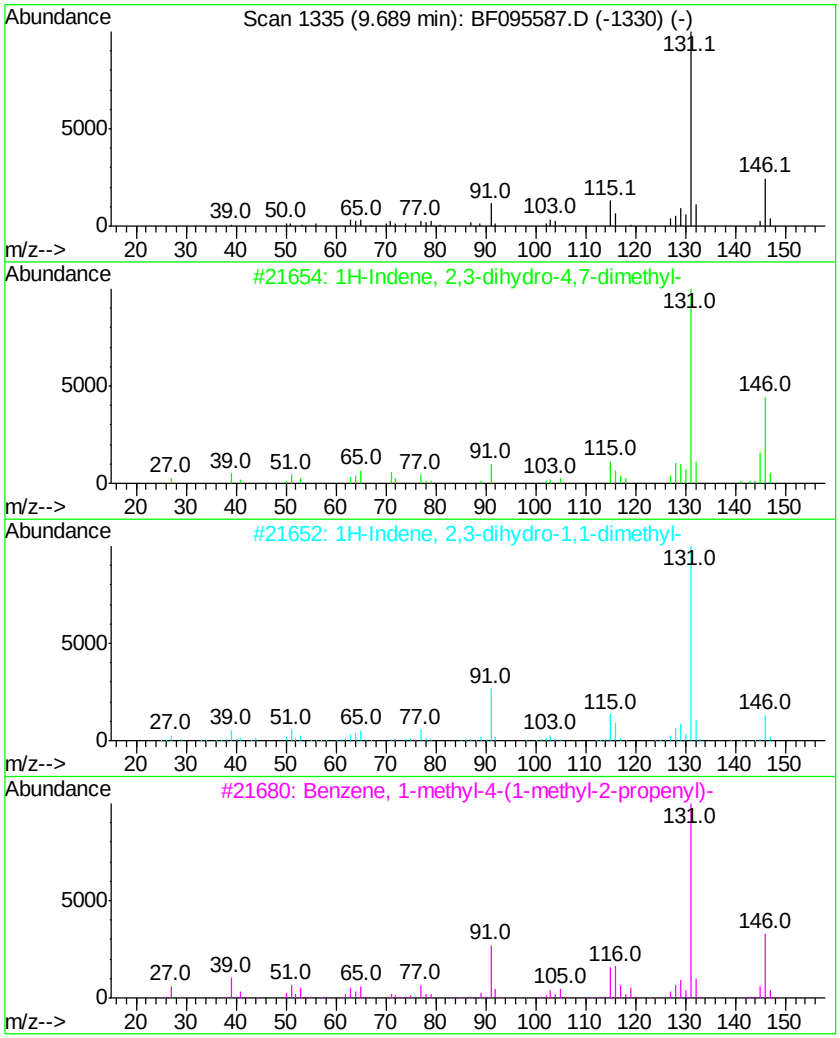
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

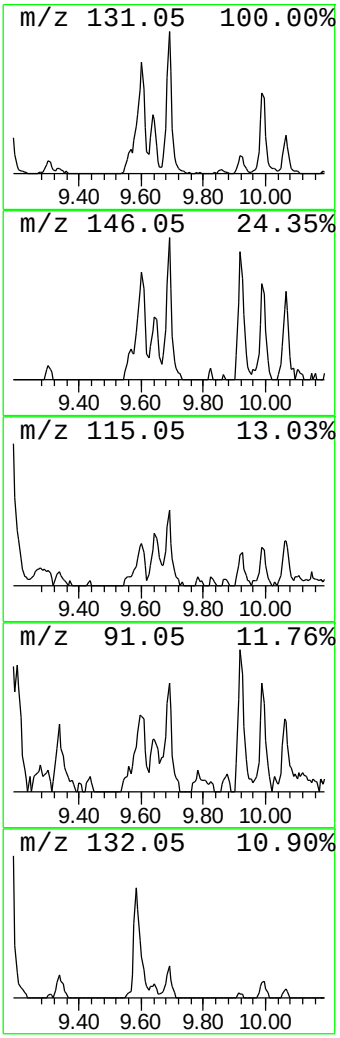
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.90 ng	139464	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	86
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

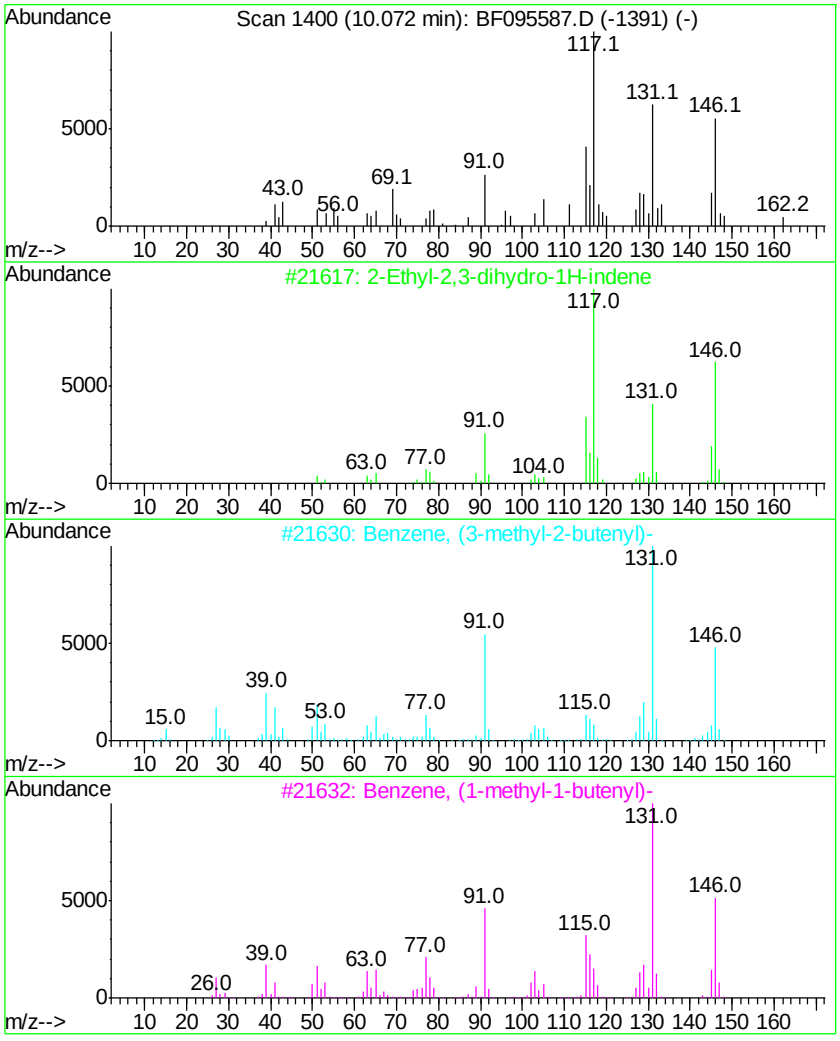
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

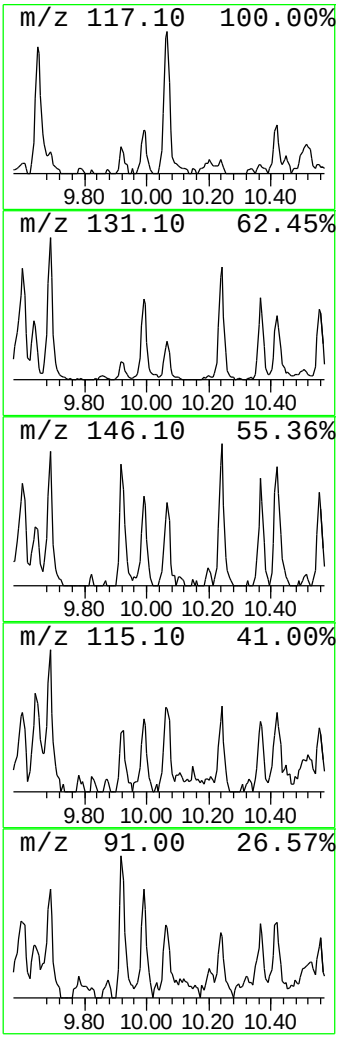
****

Peak Number 7 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.62 ng	93702	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	80
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

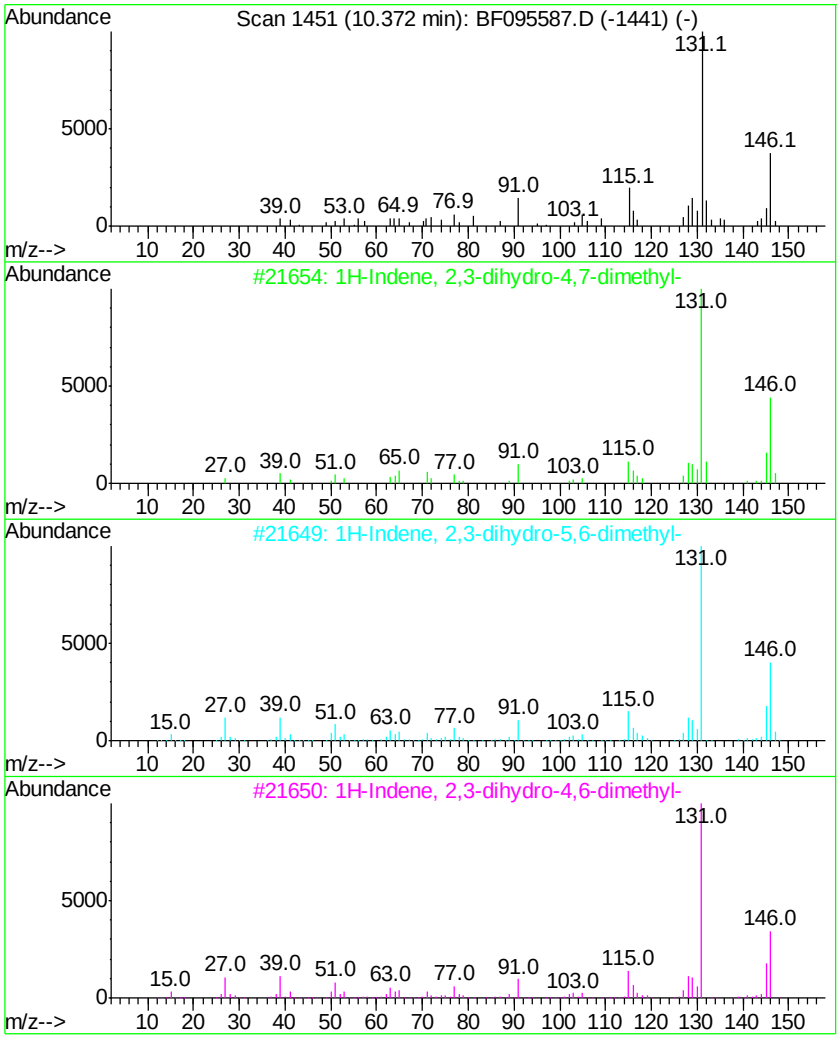
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

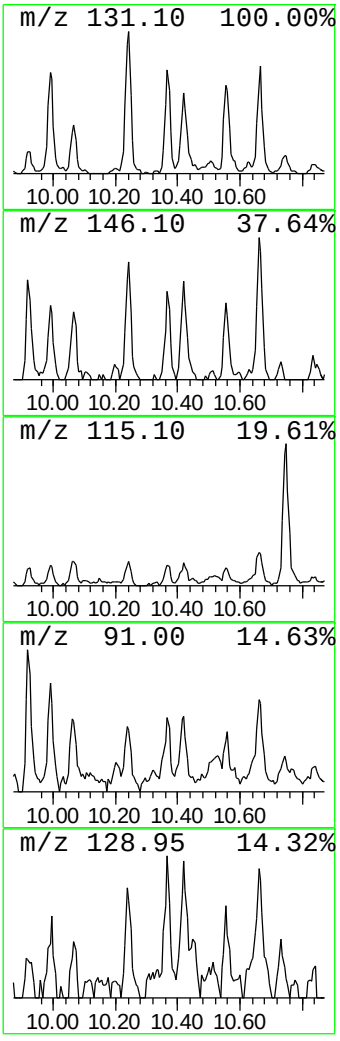
****

Peak Number 8 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.48 ng	88614	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

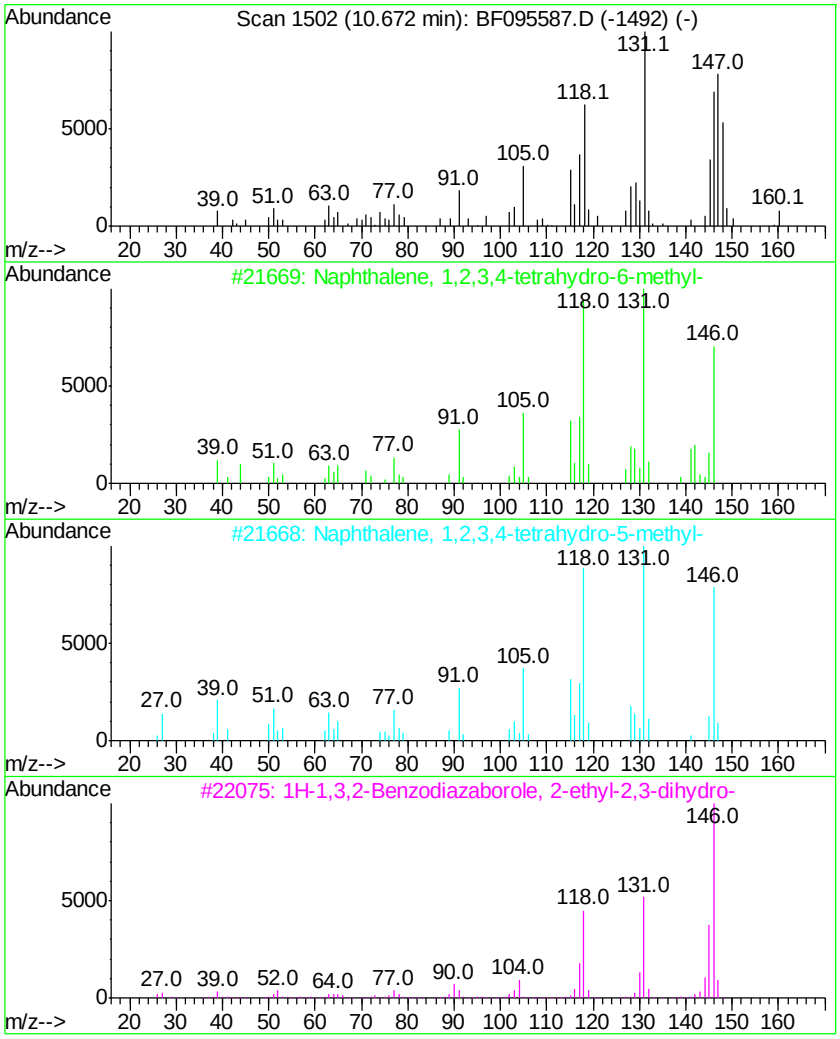
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

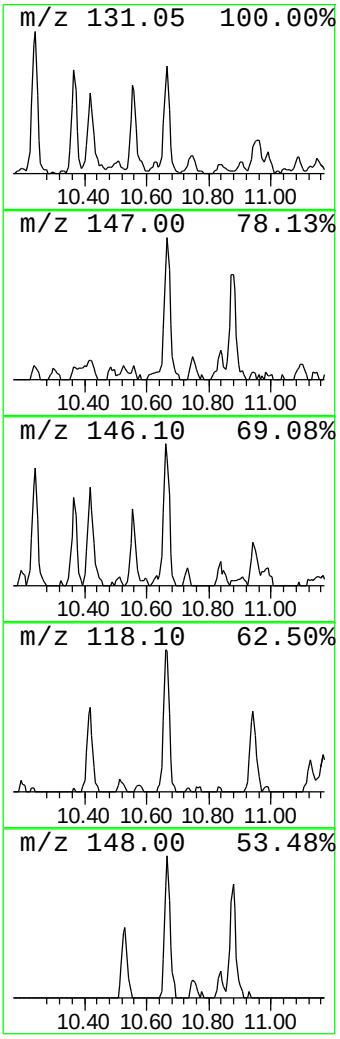
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.27 ng	224345	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

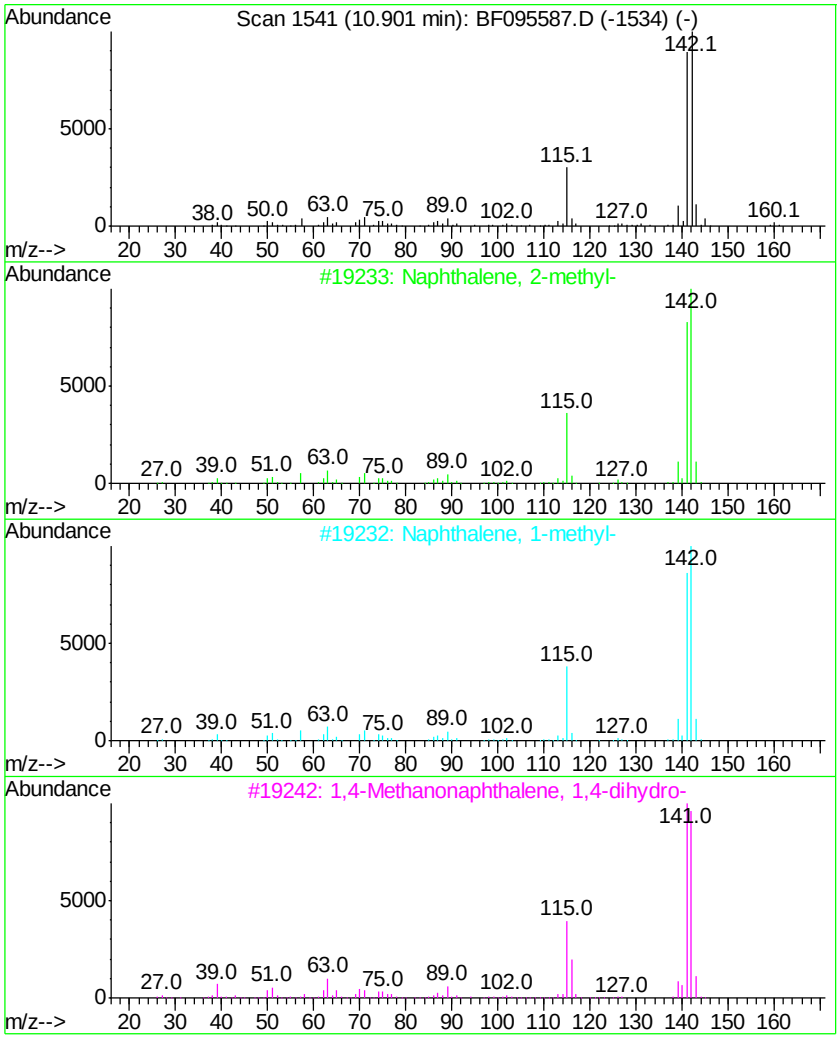
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

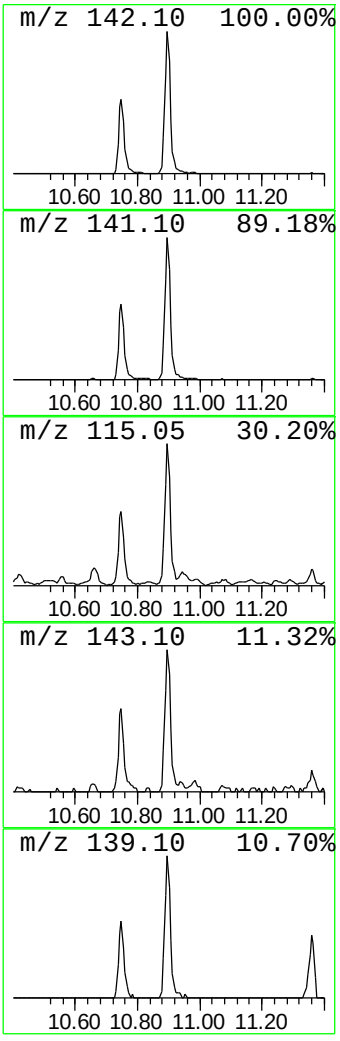
****

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	15.04 ng	537823	Naphthalene-d8	9.58

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	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

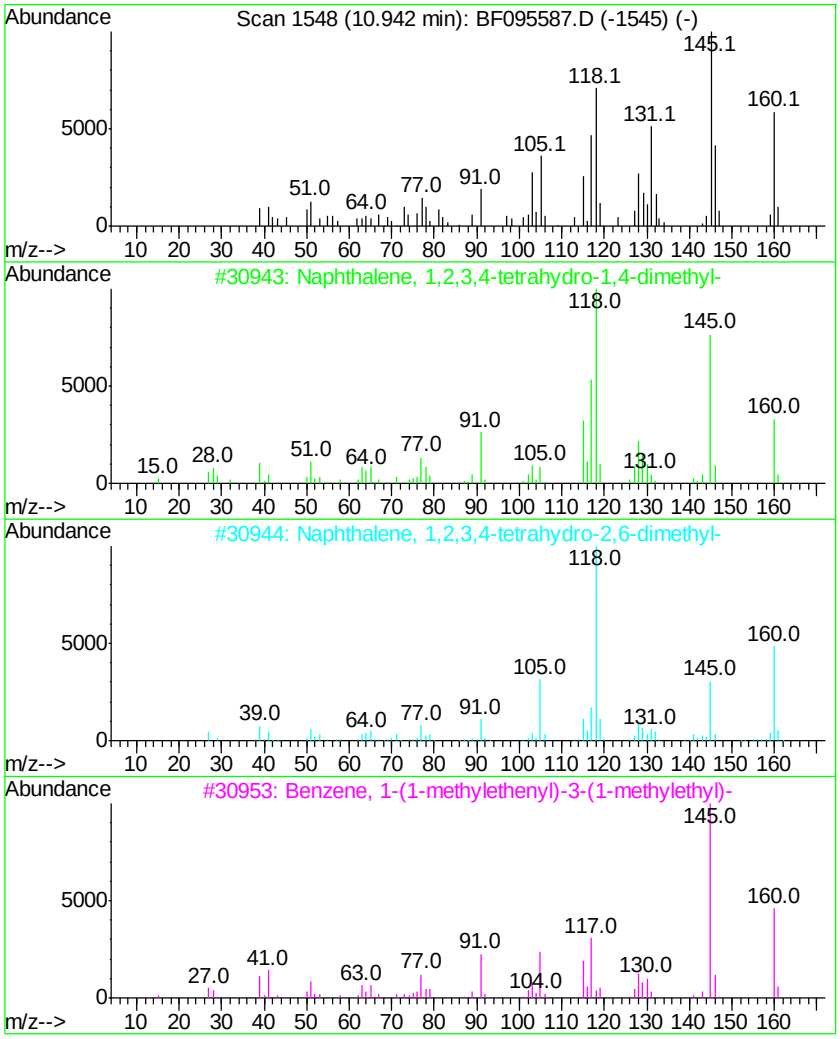
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

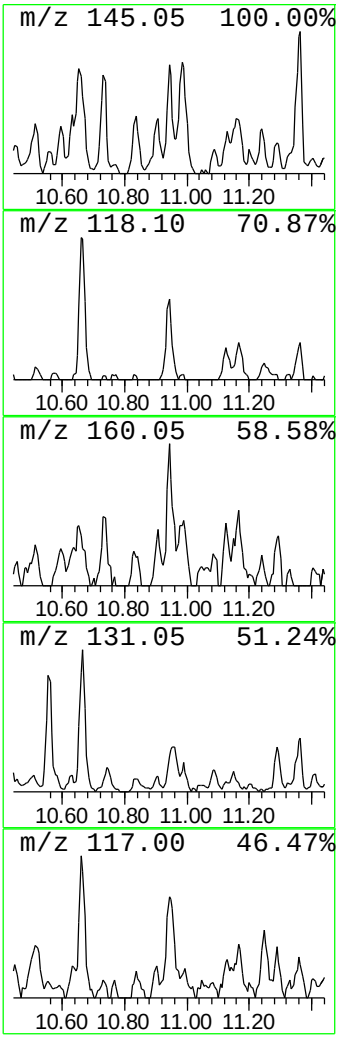
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.30 ng	118148	Naphthalene-d8	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

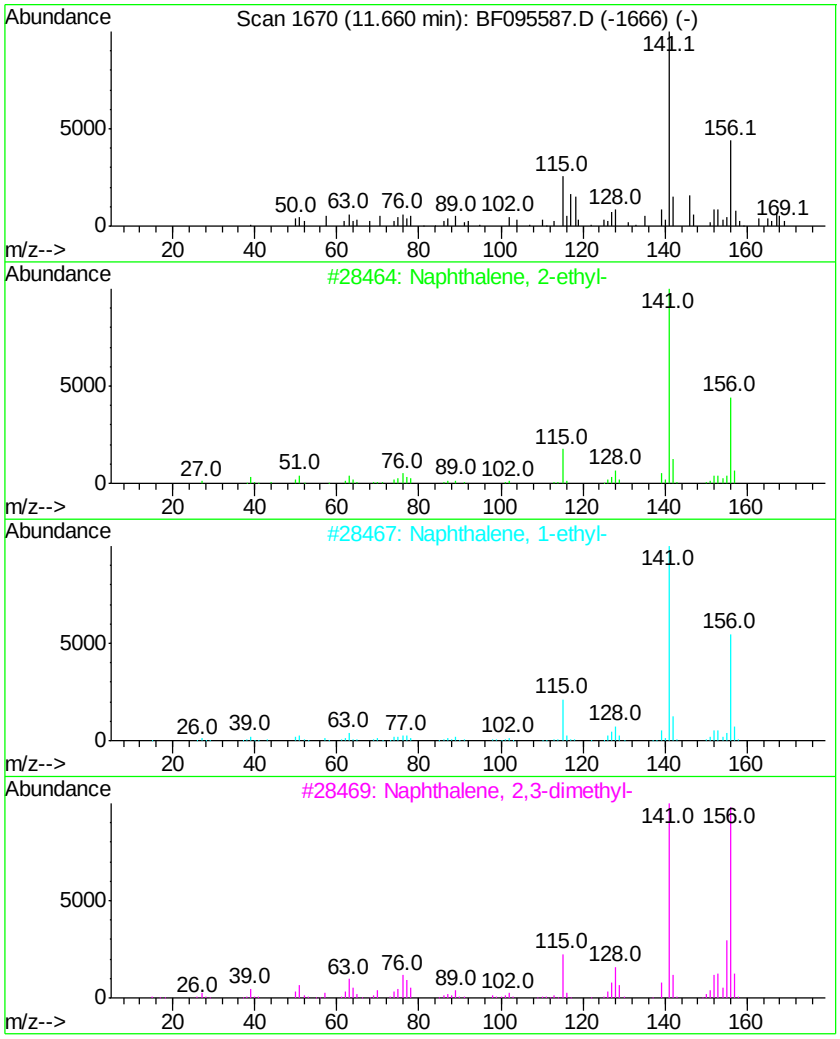
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

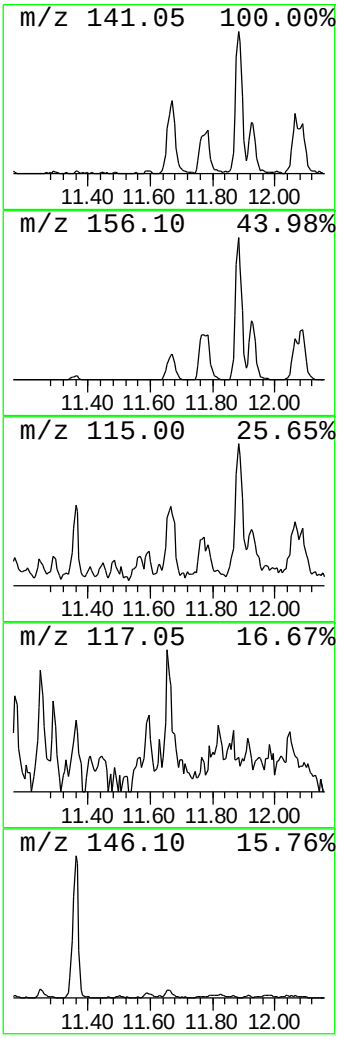
****

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.81 ng	138400	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	68
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	68
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

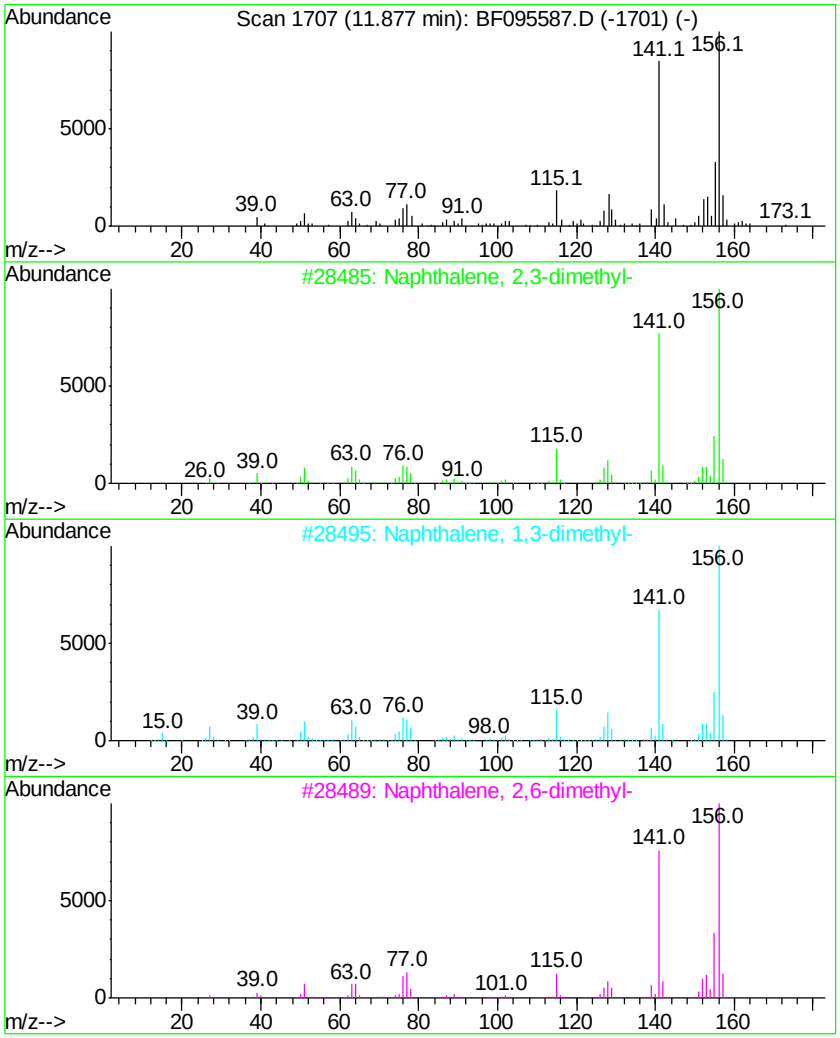
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

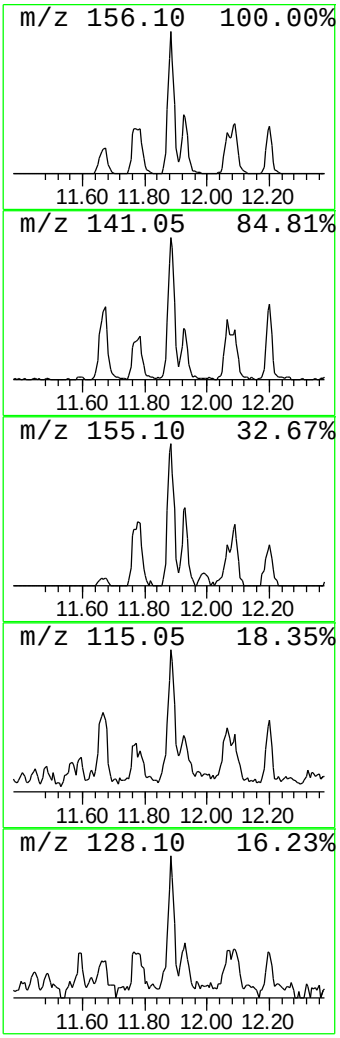
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.33 ng	302445	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

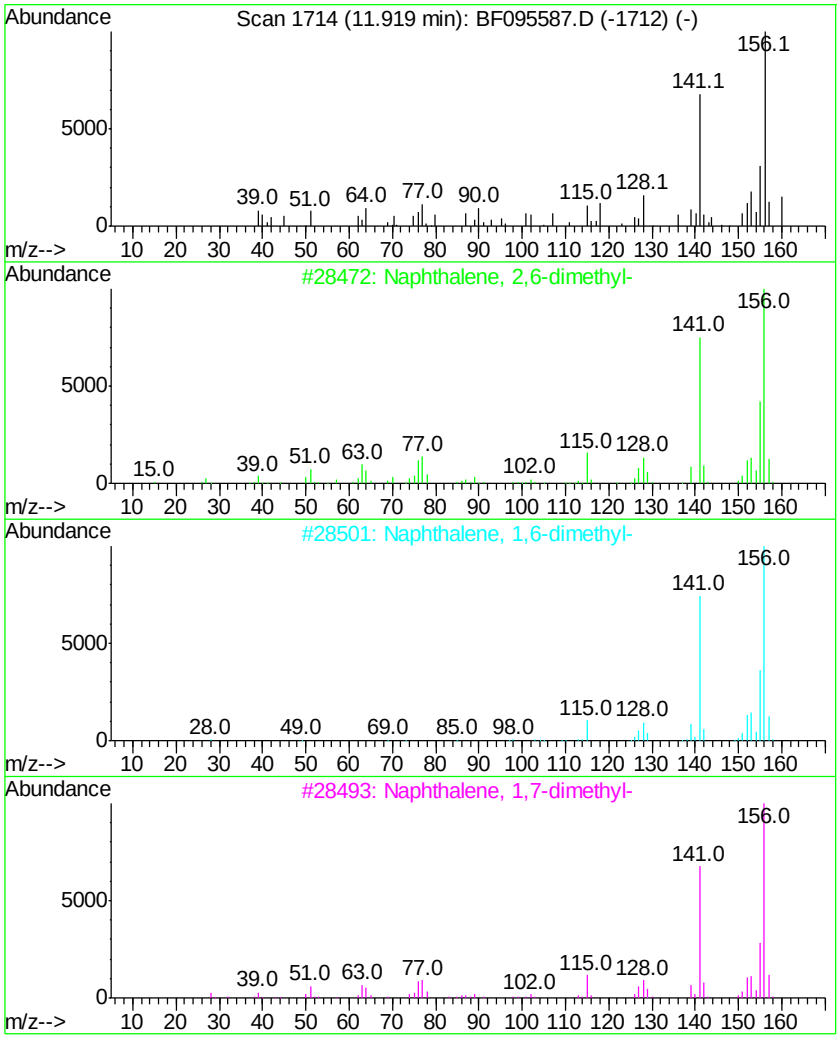
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

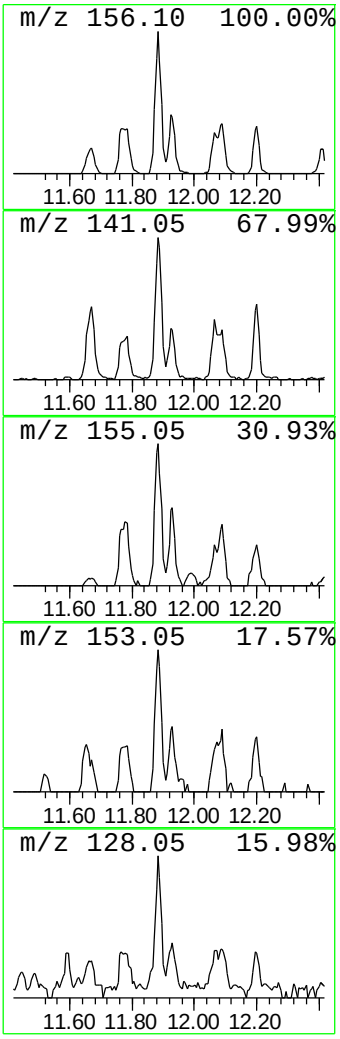
****

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.26 ng	118512	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

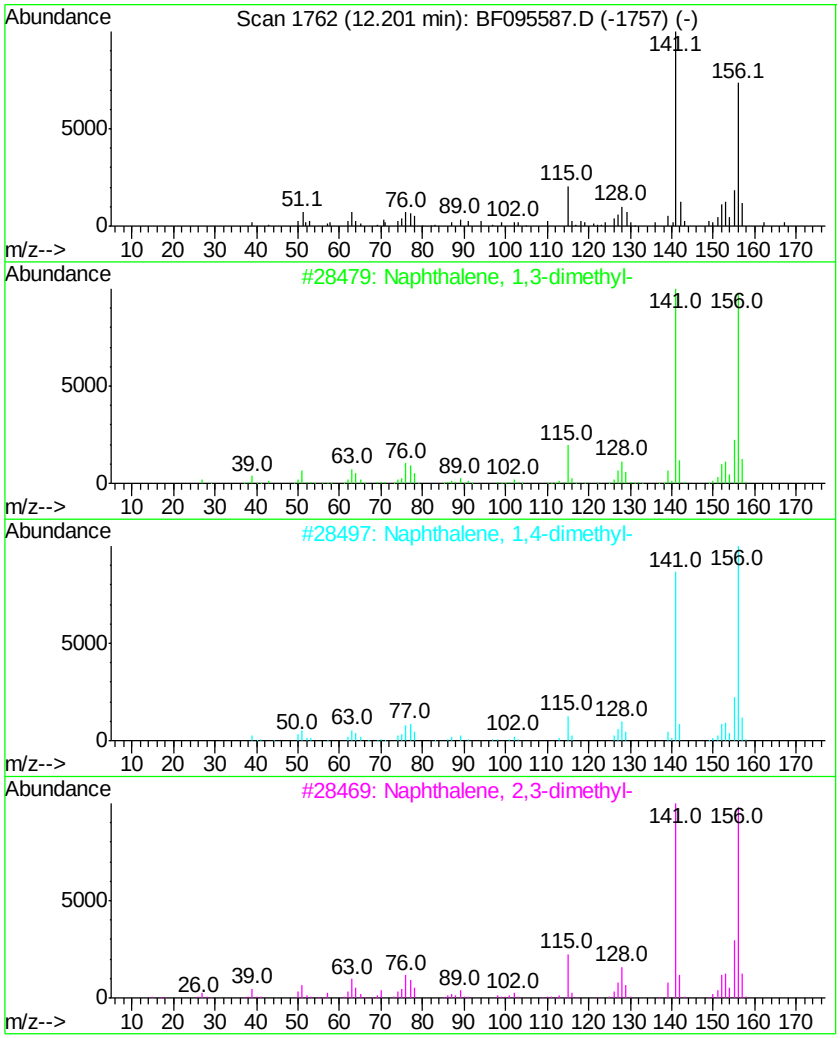
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

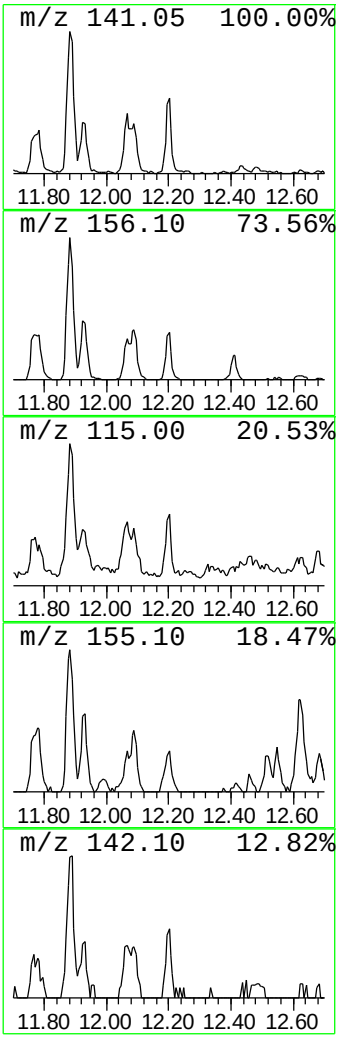
****

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.49 ng	90573	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

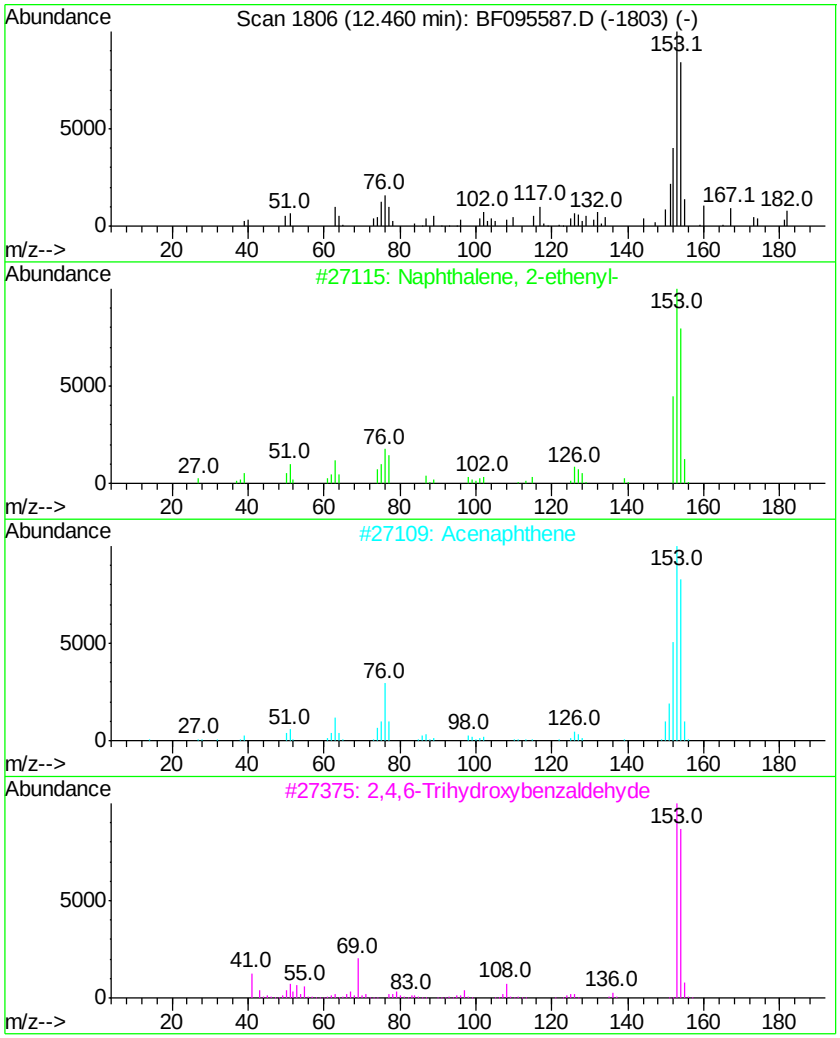
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

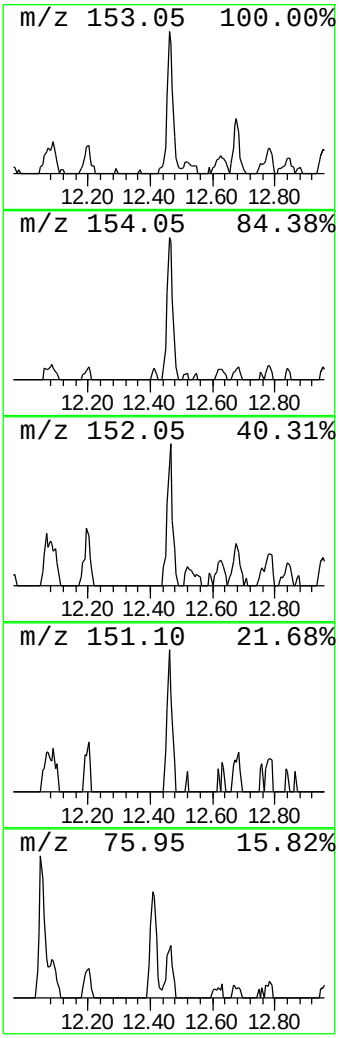
****

Peak Number 16 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.58 ng	93554	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
2	Acenaphthene	154	C12H10	000083-32-9	60
3	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

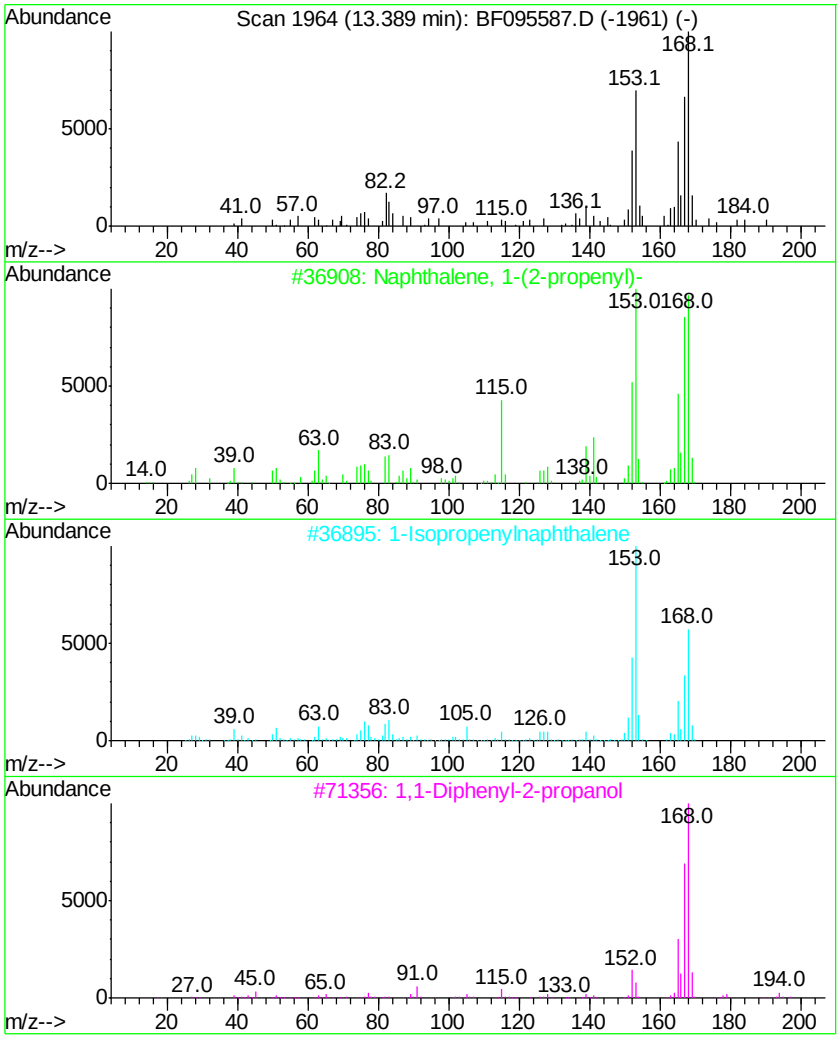
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

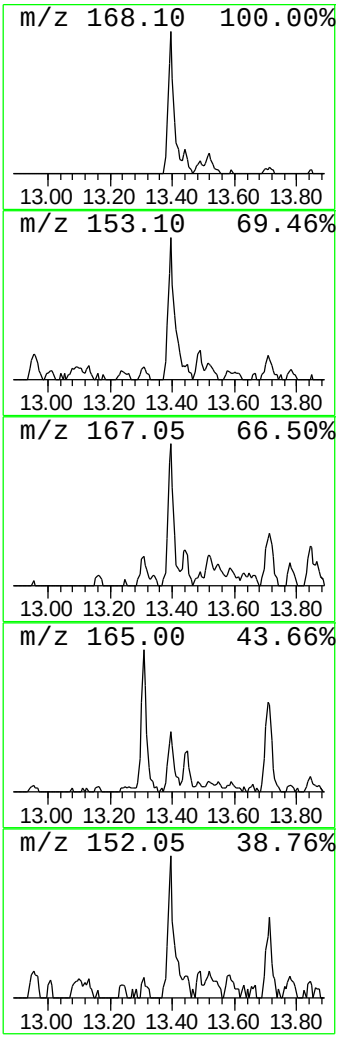
****

Peak Number 17 Naphthalene, 1-(2-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.76 ng	100224	Acenaphthene-d10	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	87
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	64
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

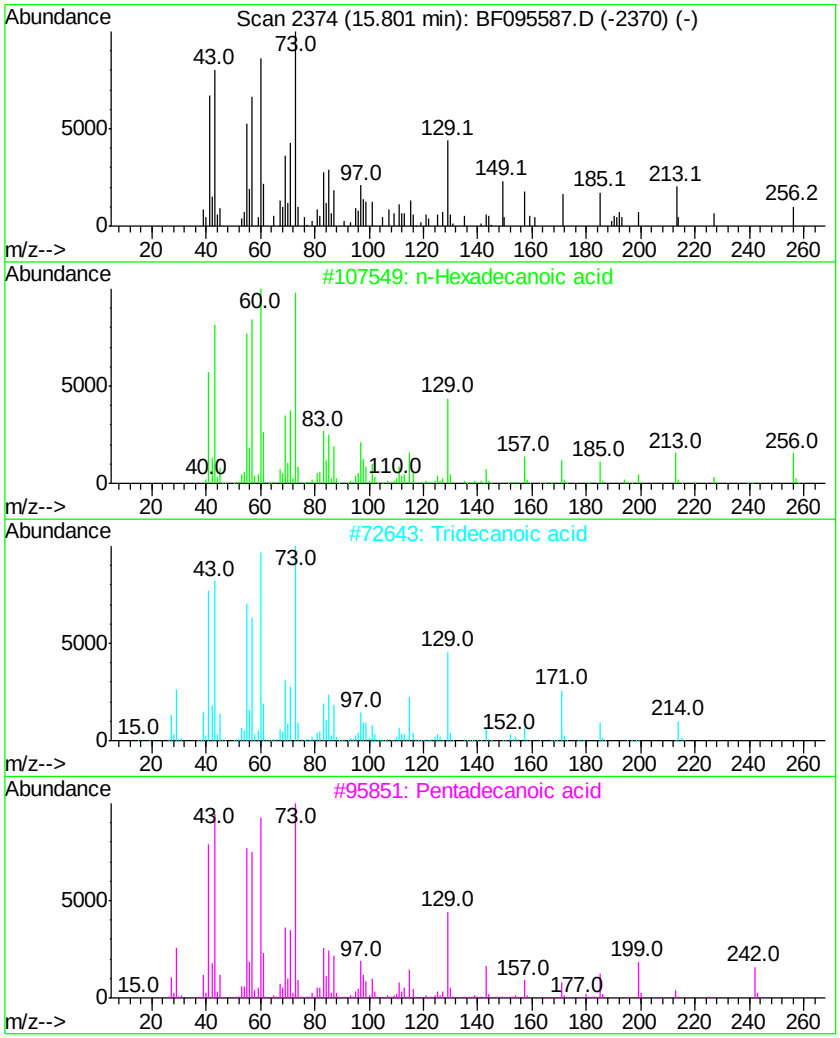
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

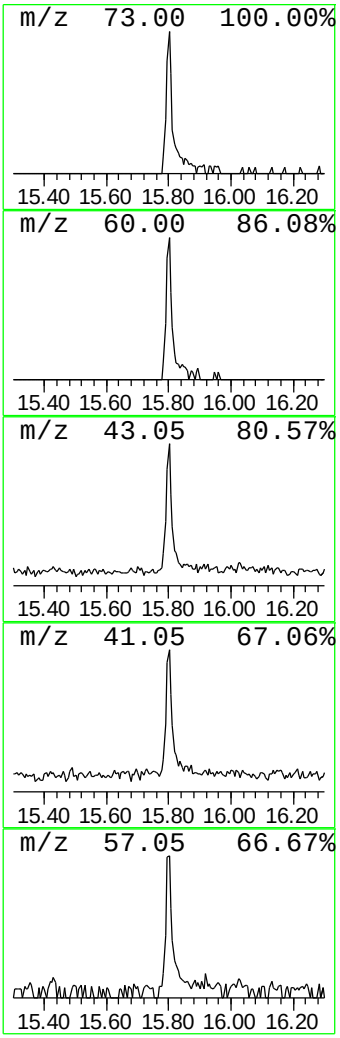
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.62 ng	108164	Phenanthrene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

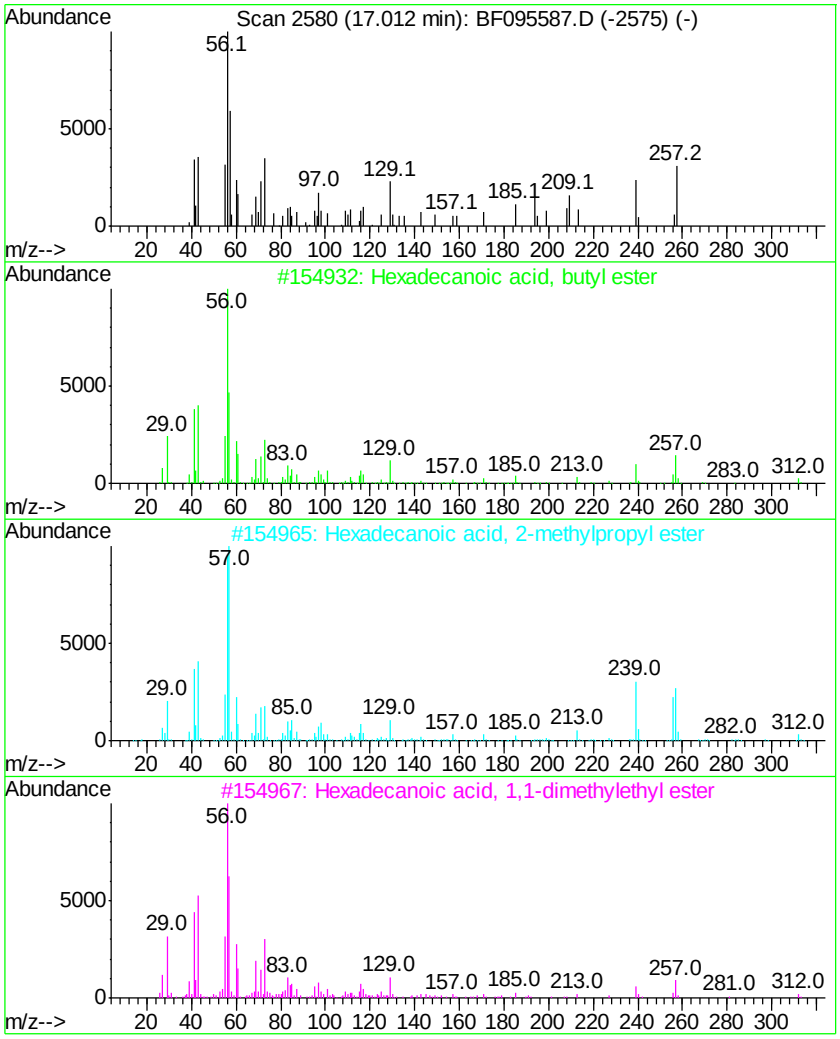
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

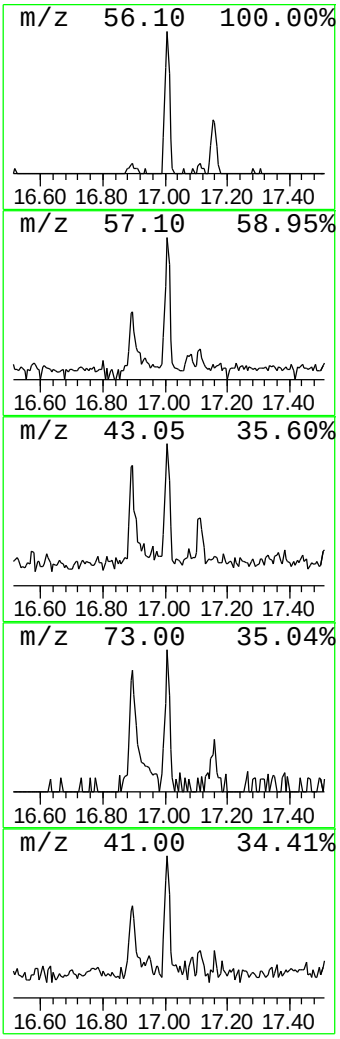
****

Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.53 ng	68980	Chrysene-d12	18.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	30
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

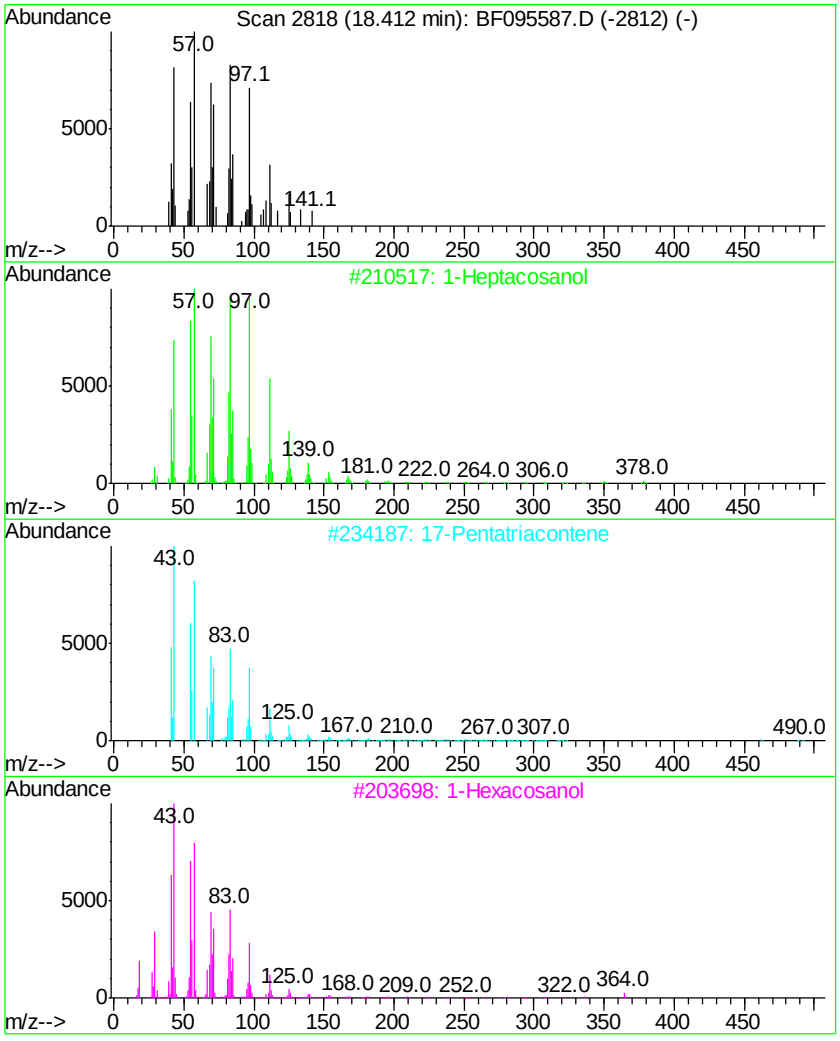
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

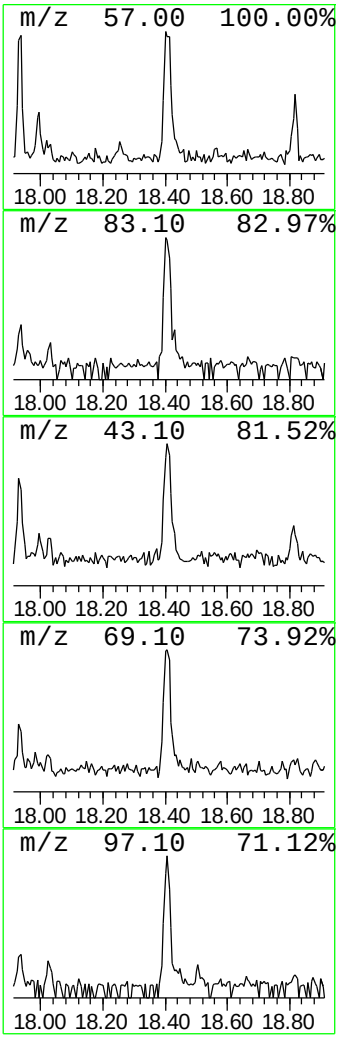
****

Peak Number 20 1-Heptacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.52 ng	96003	Chrysene-d12	18.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	1-Hexacosanol	382	C26H54O	000506-52-5	80
4	Octacosanol	410	C28H58O	000557-61-9	76
5	1-Heneicosanol	312	C21H44O	015594-90-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
Data File : BF095587.D
Acq On : 1 Jun 2017 5:25
Operator : SJ/MA
Sample : I3354-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.21	7.21	93.6	ng	2494180	1	7.55	532955	20.0
Indane	7.82	12.0	ng	318701	1	7.55	532955	20.0
Benzene, 2-etheny...	9.08	4.4	ng	158329	2	9.58	715179	20.0
1H-Indene, 2,3-di...	9.18	10.2	ng	363368	2	9.58	715179	20.0
1H-Indene, 2,3-di...	9.69	3.9	ng	139464	2	9.58	715179	20.0
2-Ethyl-2,3-dihyd...	10.07	2.6	ng	93702	2	9.58	715179	20.0
1H-Indene, 2,3-di...	10.37	2.5	ng	88614	2	9.58	715179	20.0
Naphthalene, 1,2,...	10.67	6.3	ng	224345	2	9.58	715179	20.0
Naphthalene, 2-me...	10.90	15.0	ng	537823	2	9.58	715179	20.0
Naphthalene, 1,2,...	10.94	3.3	ng	118148	2	9.58	715179	20.0
Naphthalene, 2-et...	11.66	3.8	ng	138400	3	12.41	726513	20.0
Naphthalene, 2,3-...	11.88	8.3	ng	302445	3	12.41	726513	20.0
Naphthalene, 2,6-...	11.92	3.3	ng	118512	3	12.41	726513	20.0
Naphthalene, 1,3-...	12.20	2.5	ng	90573	3	12.41	726513	20.0
Naphthalene, 2-et...	12.46	2.6	ng	93554	3	12.41	726513	20.0
Naphthalene, 1-(2...	13.39	2.8	ng	100224	3	12.41	726513	20.0
n-Hexadecanoic acid	15.80	3.6	ng	108164	4	14.81	597436	20.0
Hexadecanoic acid...	17.01	2.5	ng	68980	5	18.51	545731	20.0
1-Heptacosanol	18.41	3.5	ng	96003	5	18.51	545731	20.0