LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

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-BF122116.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	2.190	5	9	13	rVB2	97644	251700	4.07%	0.354%
2	2.373	22	25	31	rVB2	145175	298619	4.83%	0.420%
3	2.613	35	46	51	rVB	257849	630975	10.20%	0.888%
4	2.955	74	76	84	rVB4	44335	108197	1.75%	0.152%
5	3.195	93	97	101	rVB	121371	249870	4.04%	0.352%
6	3.287	101	105	108	rBV	40199	75749	1.23%	0.107%
7	3.653	133	137	141	rBV	92268	159126	2.57%	0.224%
8	3.893	155	158	160	rVB	55214	98134	1.59%	0.138%
9	4.053	168	172	175	rBV2	41793	94495	1.53%	0.133%
10	4.270	188	191	194	rBV	132030	217644	3.52%	0.306%
11	4.384	199	201	208	rVB2	163572	255190	4.13%	0.359%
12	4.658	220	225	226	rBV3	49676	78420	1.27%	0.110%
13	4.818	237	239	243	rVB2	84912	139981	2.26%	0.197%
14	4.899	243	246	250	rVV	700923	1090540	17.64%	1.535%
15	5.024	254	257	261	rVB2	26252	64792	1.05%	0.091%
16	5.173	267	270	273	rVB	275062	297384	4.81%	0.418%
17	5.287	277	280	285	rVB	1437284	2711155	43.85%	3.815%
18	5.367	285	287	290	rBV	3542556	3624220	58.61%	5.100%
19	5.721	316	318	329	rVB5	31593	106222	1.72%	0.149%
20	5.893	329	333	334	rBV	131475	183471	2.97%	0.258%
21	6.259	363	365	366	rBV	171674	165543	2.68%	0.233%
22	6.293	366	368	370	rVV	1159724	1321056	21.36%	1.859%
23	6.339	370	372	374	rVB	1962925	1904198	30.80%	2.680%
24	6.419	376	379	382	rBV	3241687	2973845	48.09%	4.185%
25	6.522	385	388	390	rBV	4695370	4732277	76.53%	6.659%
26	6.567	390	392	394	rVB	5740044	5270611	85.24%	7.417%
27	6.739	405	407	409	rBV	1465156	1281823	20.73%	1.804%
28	6.796	410	412	418	rVV	1647434	1508447	24.40%	2.123%
29	6.899	418	421	422	rVV	4821954	4926047	79.67%	6.932%
30	6.922	422	423	425	rVB	575567	408924	6.61%	0.575%
31	6.990	427	429	430	rBV	269775	232080	3.75%	0.327%
32	7.013	430	431	433	rVB	77318	98337	1.59%	0.138%
33	7.059	433	435	440	rBV	568747	690475	11.17%	0.972%
34	7.139	440	442	444	rVB	170317	159099	2.57%	0.224%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.207	446	448	449	rBV	381129	378712	6.12%	0.533%
36	7.310	452	457	460	rBV2	4152044	5367745	86.81%	7.554%
37	7.424	466	467	469	rVB2	228580	218693	3.54%	0.308%
38	7.516	472	475	476	rBV	590613	555835	8.99%	0.782%
39	7.539	476	477	479	rVB	716595	598739	9.68%	0.843%
40	7.653	483	487	488	rBV2	56455	110864	1.79%	0.156%
41	7.699	488	491	493	rVV	805836	823051	13.31%	1.158%
42	7.767	494	497	499	rVV	1202375	1479761	23.93%	2.082%
43	7.802	499	500	502	rVV2	93271	123036	1.99%	0.173%
44	7.859	502	505	507	rVB3	167459	293605	4.75%	0.413%
45	8.019	513	519	526	rBV3	1390819	3146380	50.89%	4.428%
46	8.305	542	544	551	rVB4	151470	197169	3.19%	0.277%
47	8.407	551	553	555	rVB	137486	145792	2.36%	0.205%
48	8.499	559	561	562	rVV	89398	132679	2.15%	0.187%
49	8.533	562	564	567	rVV3	67735	104172	1.68%	0.147%
50	8.613	570	571	573	rVB2	86624	78041	1.26%	0.110%
51	8.693	573	578	579	rVB3	68477	111122	1.80%	0.156%
52	8.739	579	582	584	rBV	733669	655377	10.60%	0.922%
53	8.830	587	590	593	rVV2	313543	412009	6.66%	0.580%
54	9.105	611	614	616	rBV	6312126	6183313	100.00%	8.701%
55	9.493	647	648	651	rVB	76478	100730	1.63%	0.142%
56	9.779	670	673	675	rBV	1565161	1727028	27.93%	2.430%
57	10.213	705	711	713	rBV2	47105	73187	1.18%	0.103%
58	10.568	739	742	744	rBV	3493856	3419981	55.31%	4.813%
59	10.682	750	752	757	rVB	60295	78311	1.27%	0.110%
60	11.253	800	802	805	rBV	1580069	1440760	23.30%	2.027%
61	12.842	938	941	944	rBV	4682317	4599399	74.38%	6.472%
62	13.882	1030	1032	1035	rBV	922235	1068839	17.29%	1.504%
63	15.288	1152	1155	1160	rBV	734127	1028269	16.63%	1.447%

Sum of corrected areas: 71061245

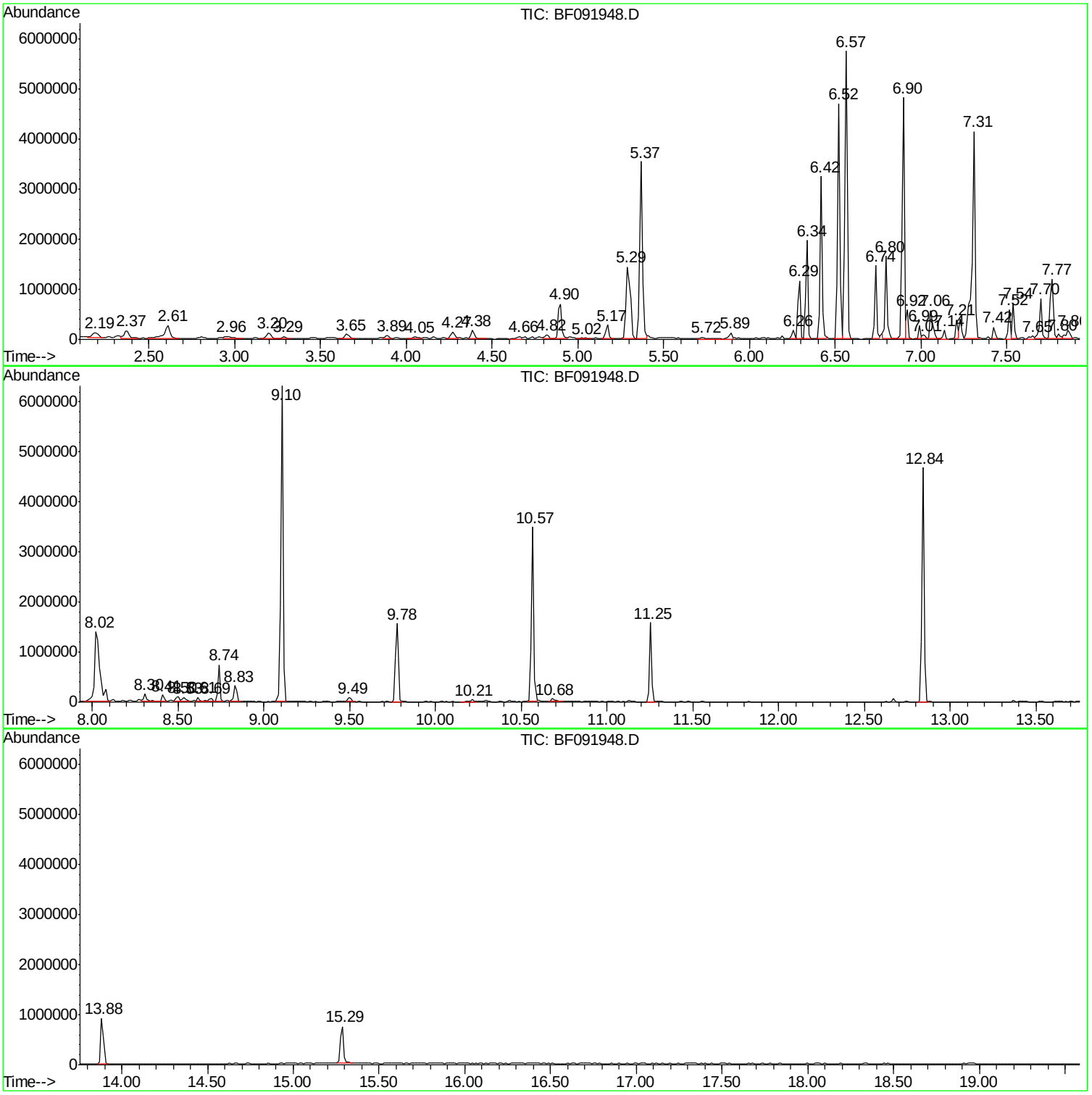
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

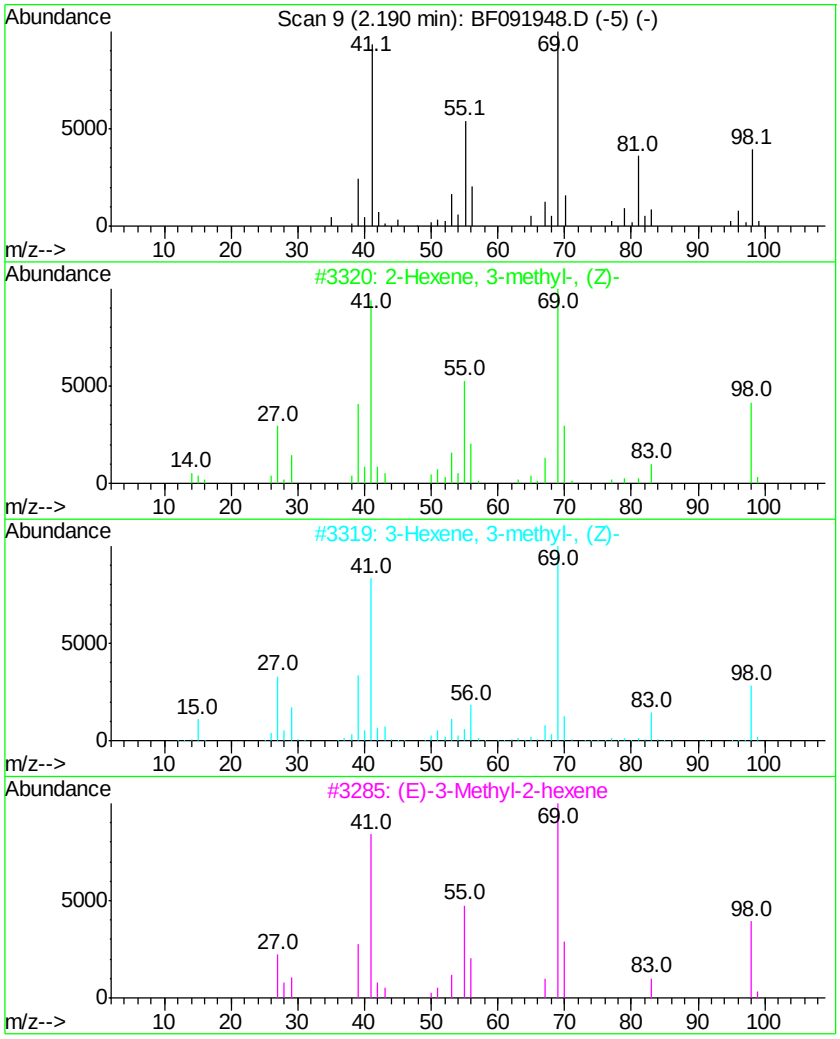
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

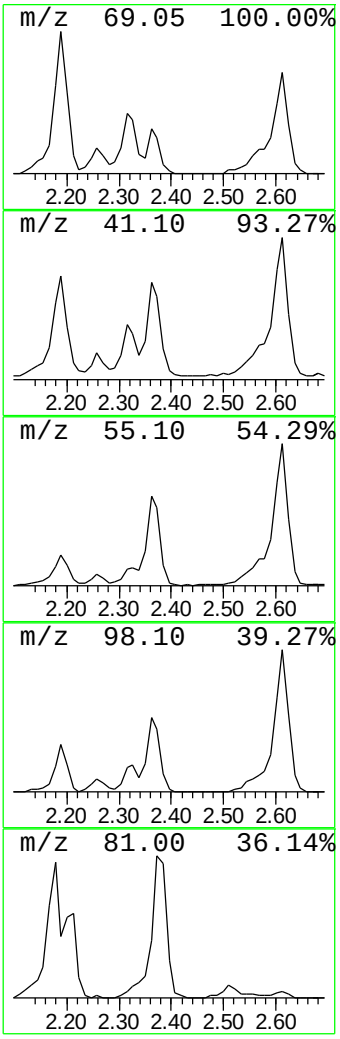
****

Peak Number 1 2-Hexene, 3-methyl-, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	3.93 ng	251700	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	87
2	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	83
3	(E)-3-Methyl-2-hexene	98	C7H14	020710-38-7	83
4	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	83
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

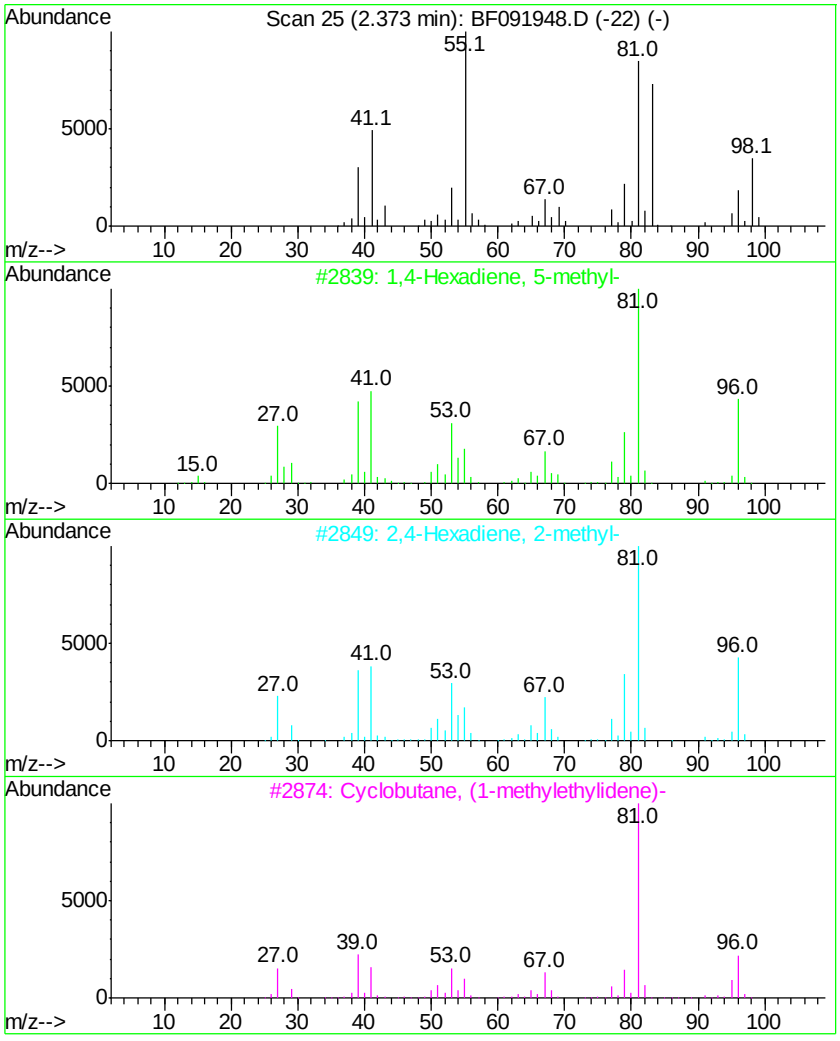
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

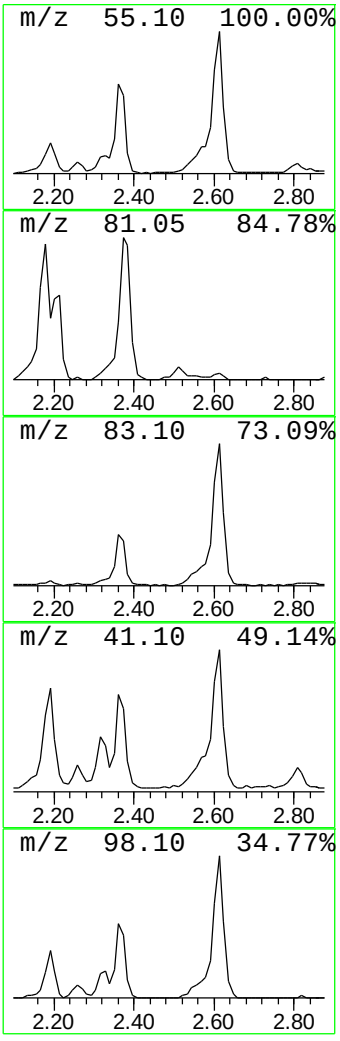
****

Peak Number 2 1,4-Hexadiene, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	4.66 ng	298619	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	55
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	55
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	50
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	50
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

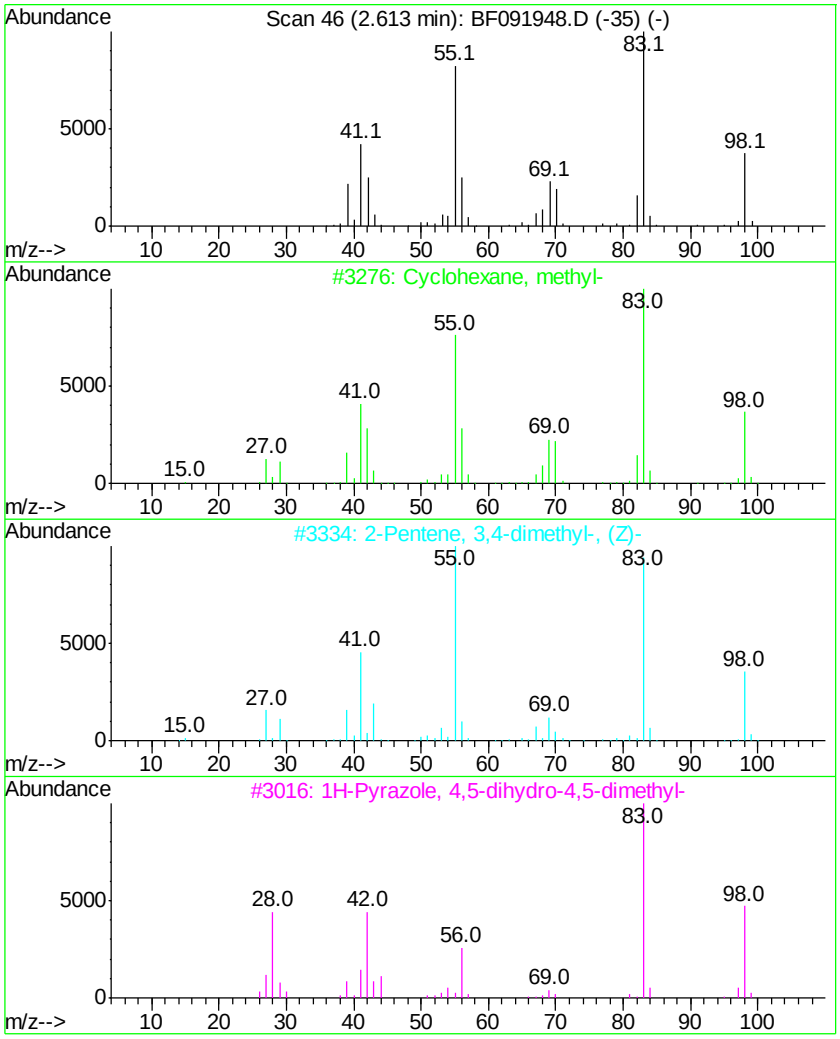
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

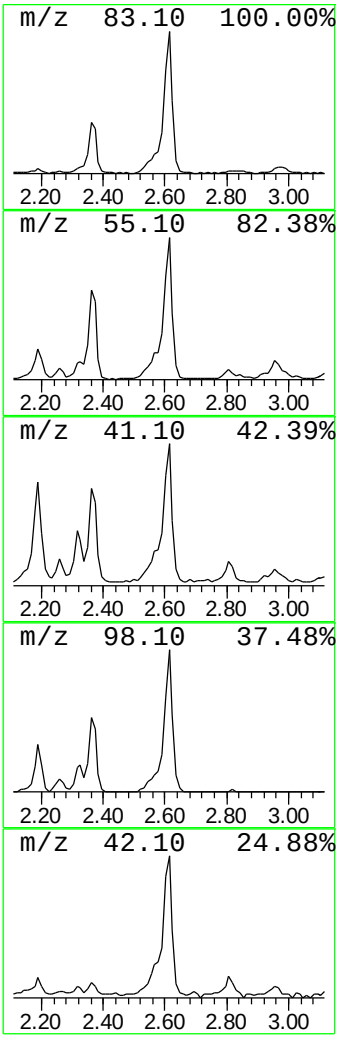
****

Peak Number 3 Cyclohexane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.61	9.84 ng	630975	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	96
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64
3	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

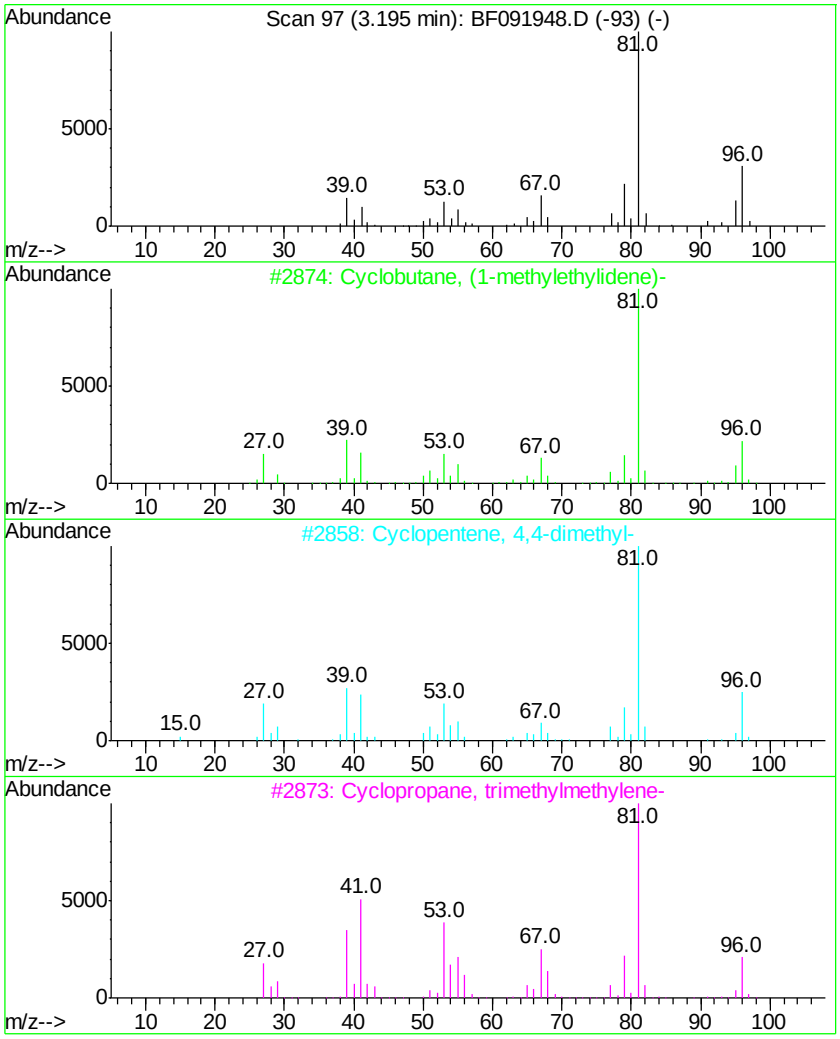
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

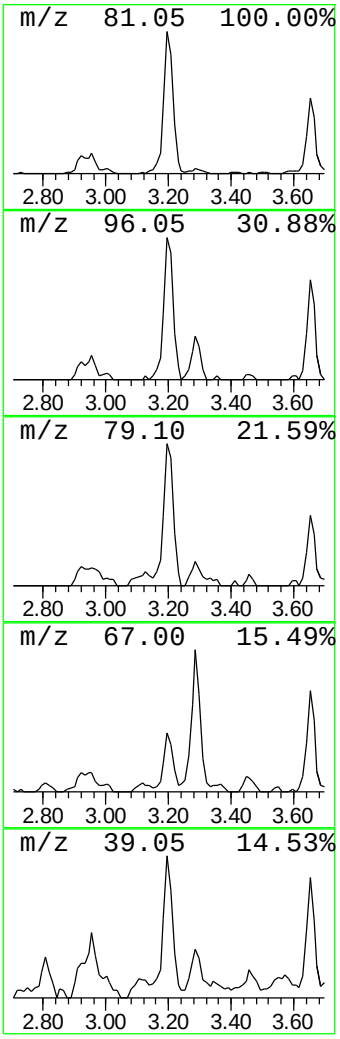
****

Peak Number 4 Cyclobutane, (1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.90 ng	249870	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	78
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

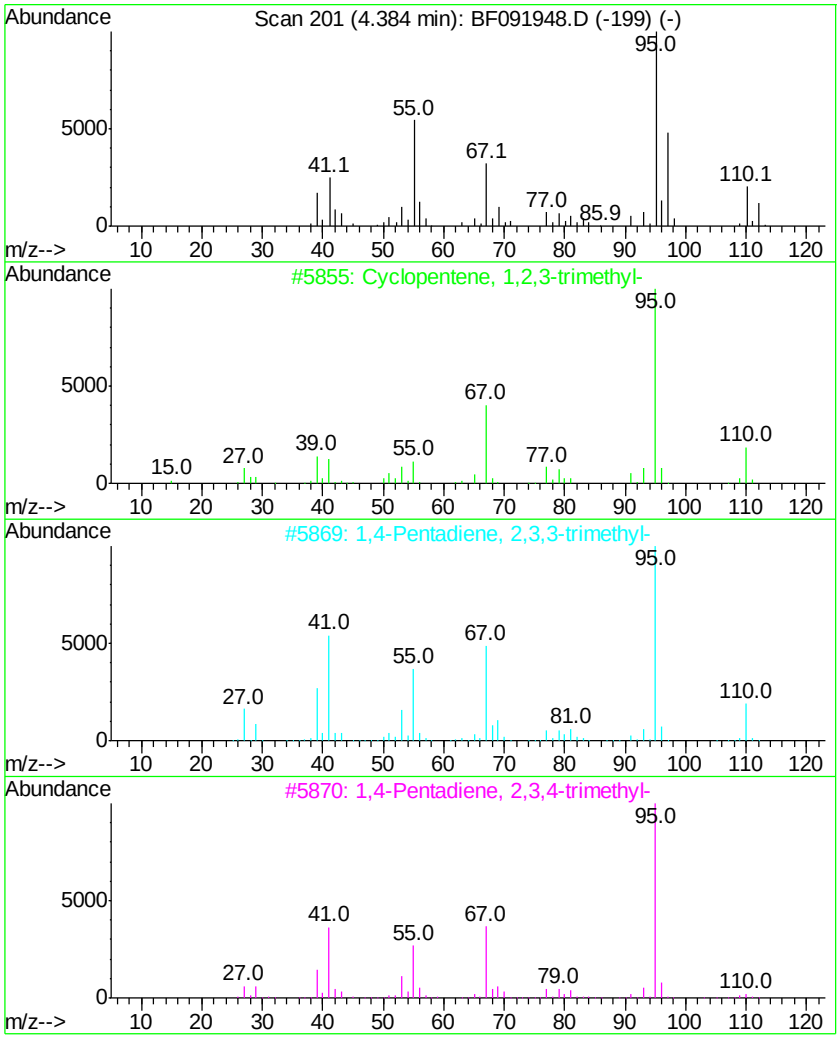
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

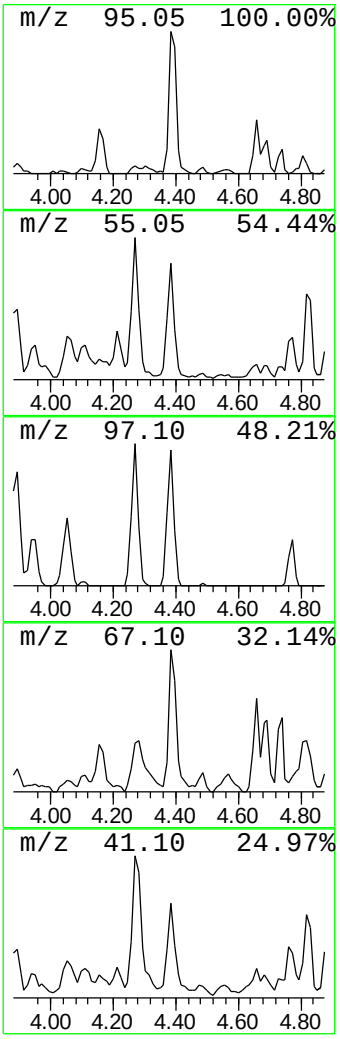
****

Peak Number 5 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.98 ng	255190	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	60
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53
3	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	47
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	46
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

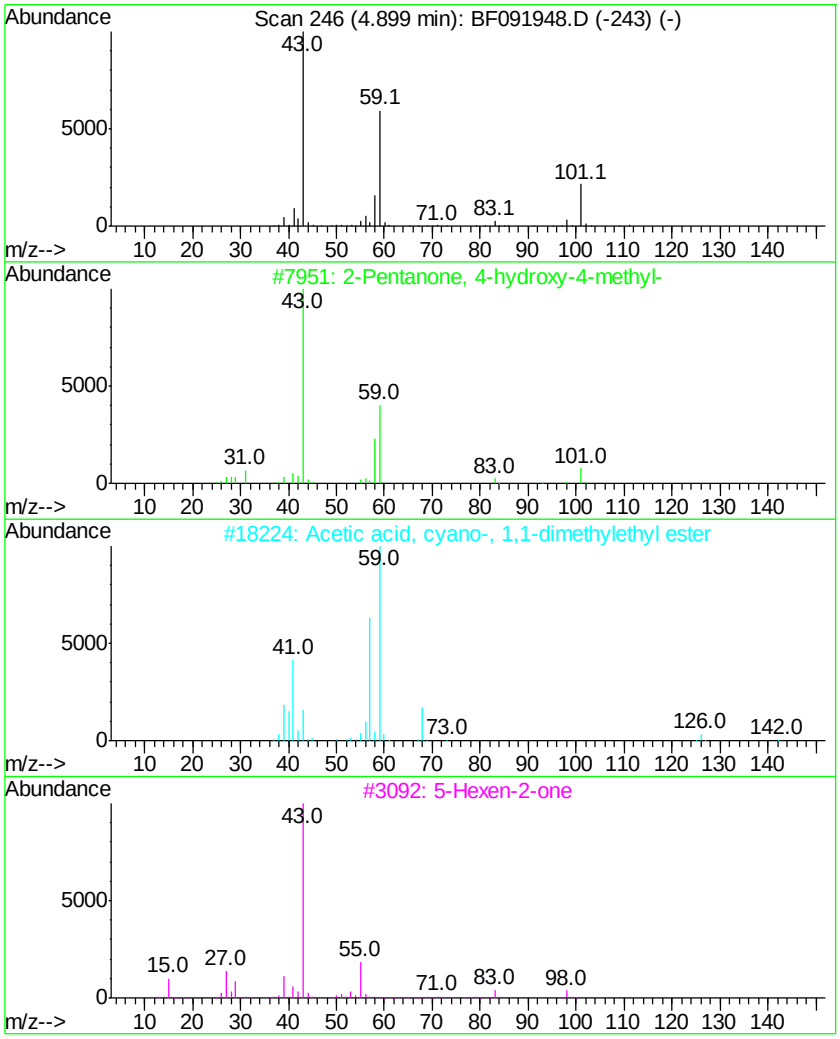
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

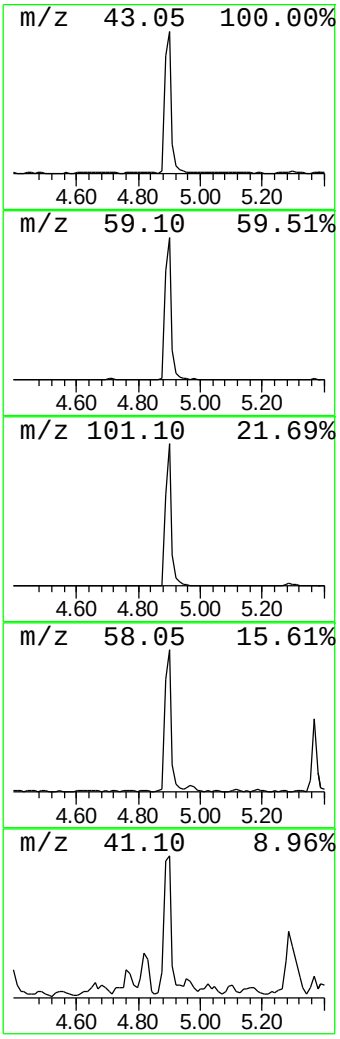
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	17.02 ng	1090540	1,4-Dichlorobenzene-d4	6.74

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

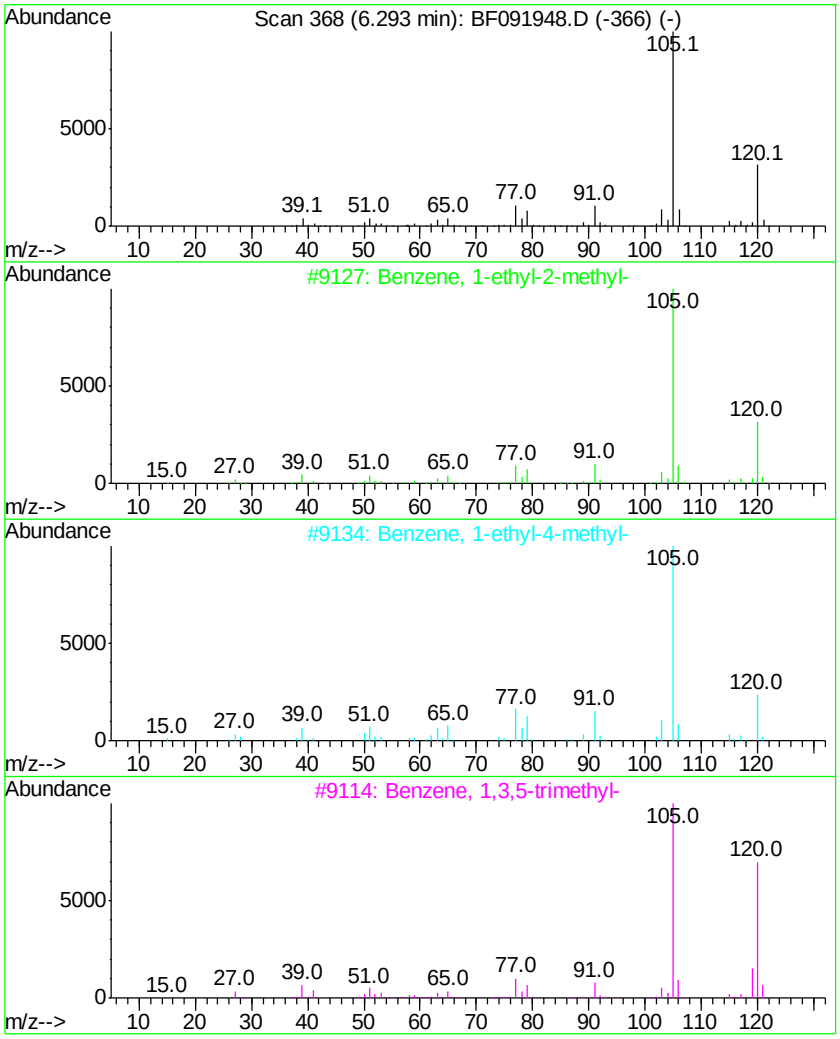
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

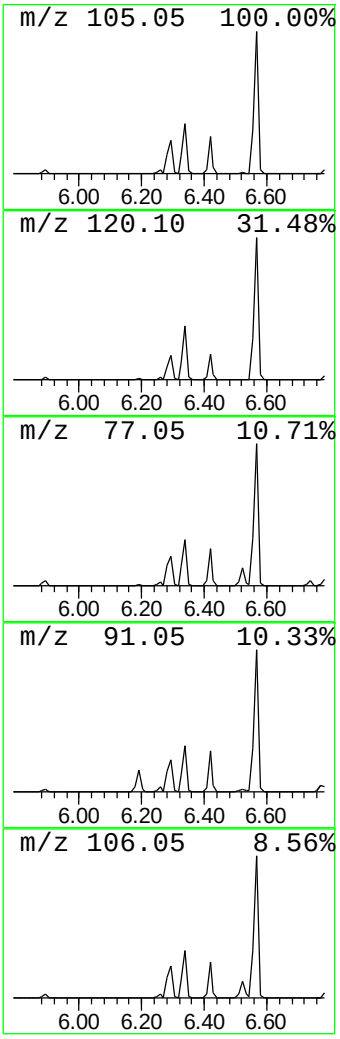
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	20.61 ng	1321060	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

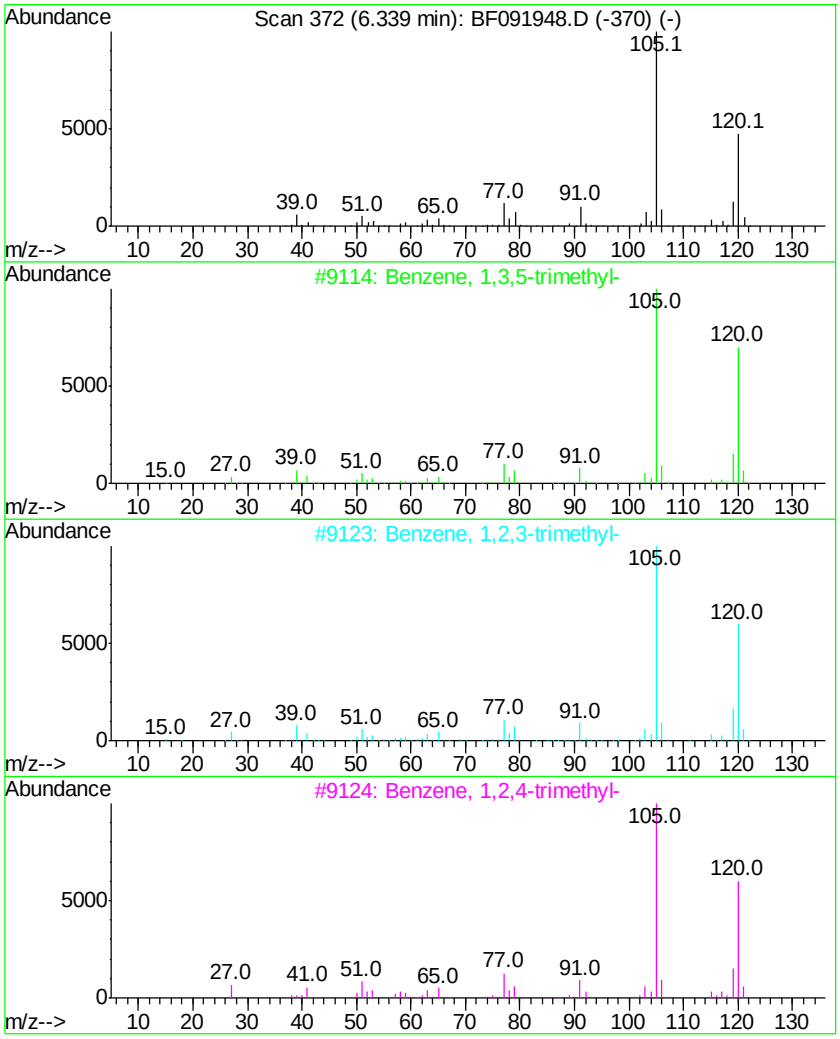
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

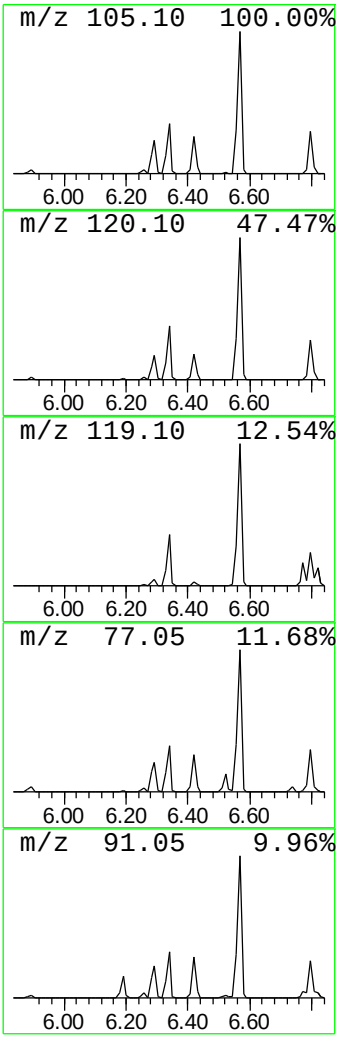
****

Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	29.71 ng	1904200	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

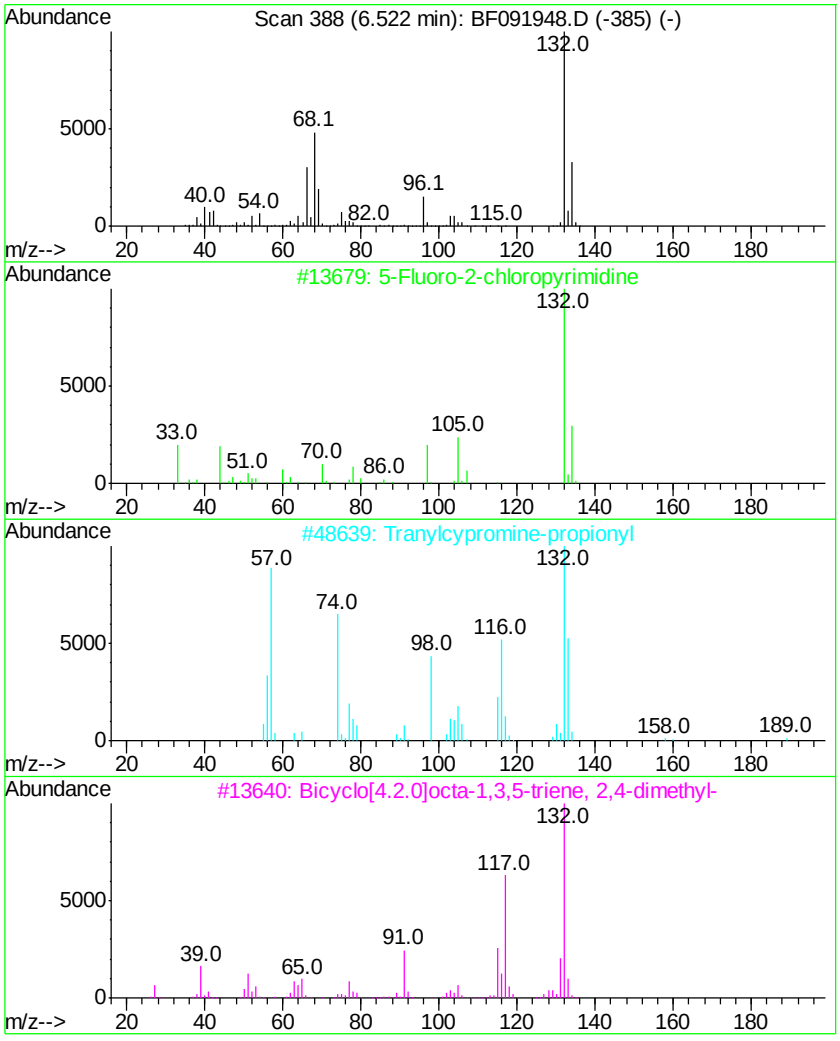
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

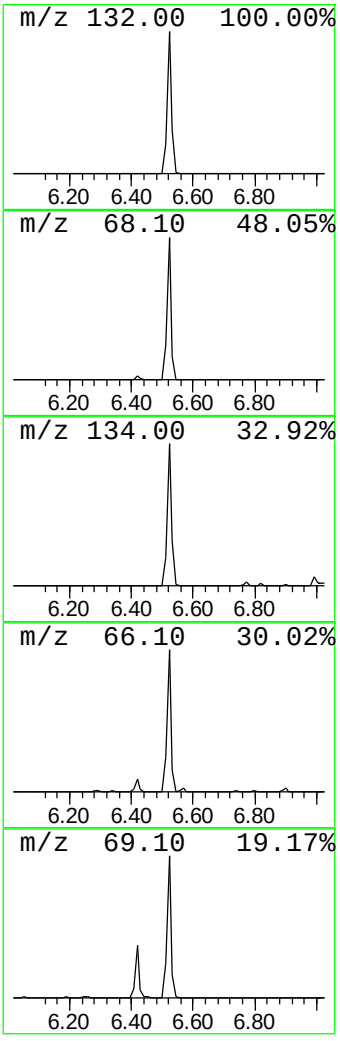
****

Peak Number 11 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	73.84 ng	4732280	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

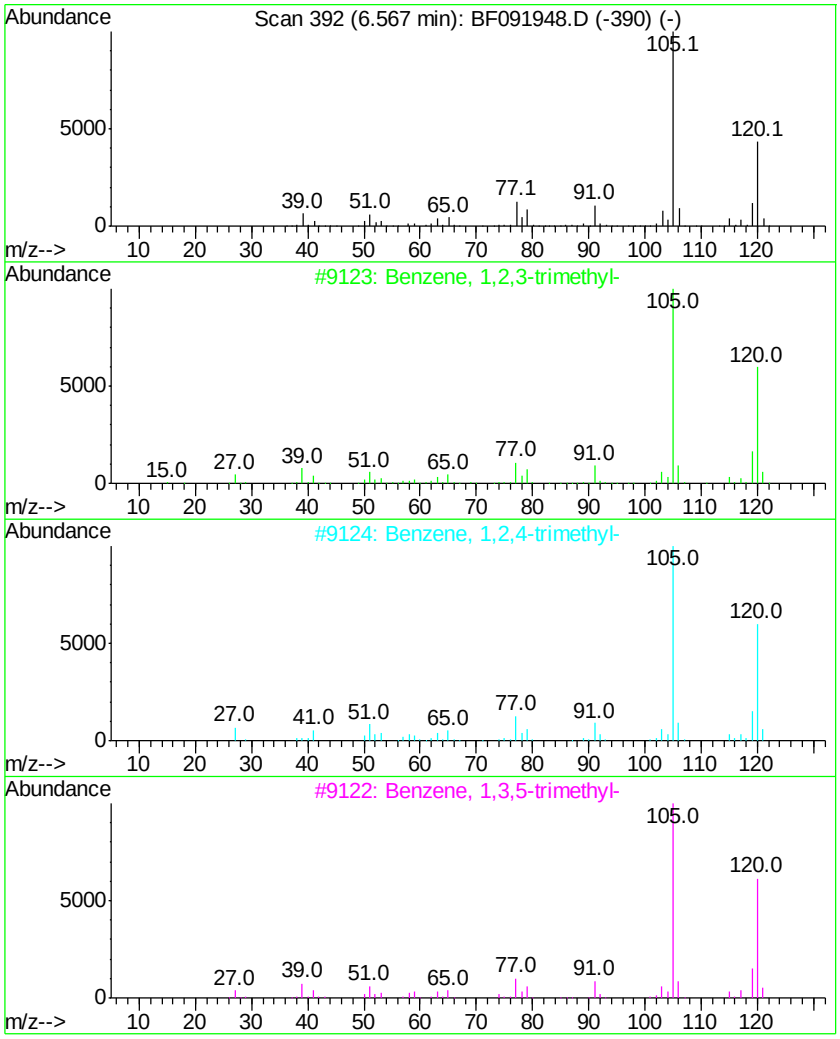
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

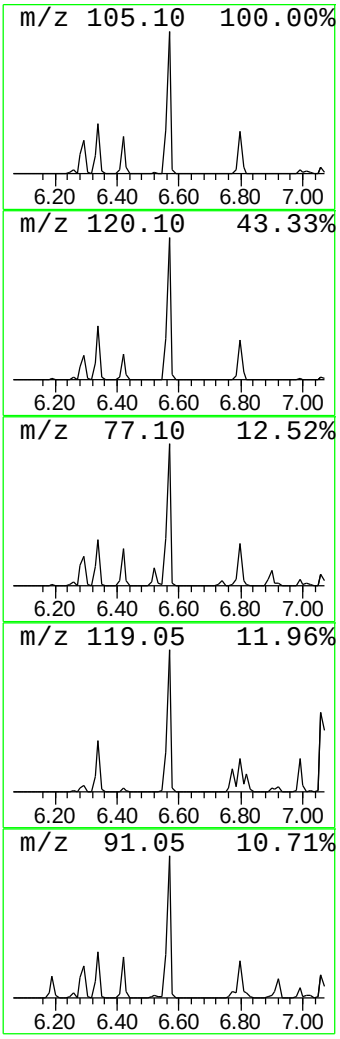
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	82.24 ng	5270610	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

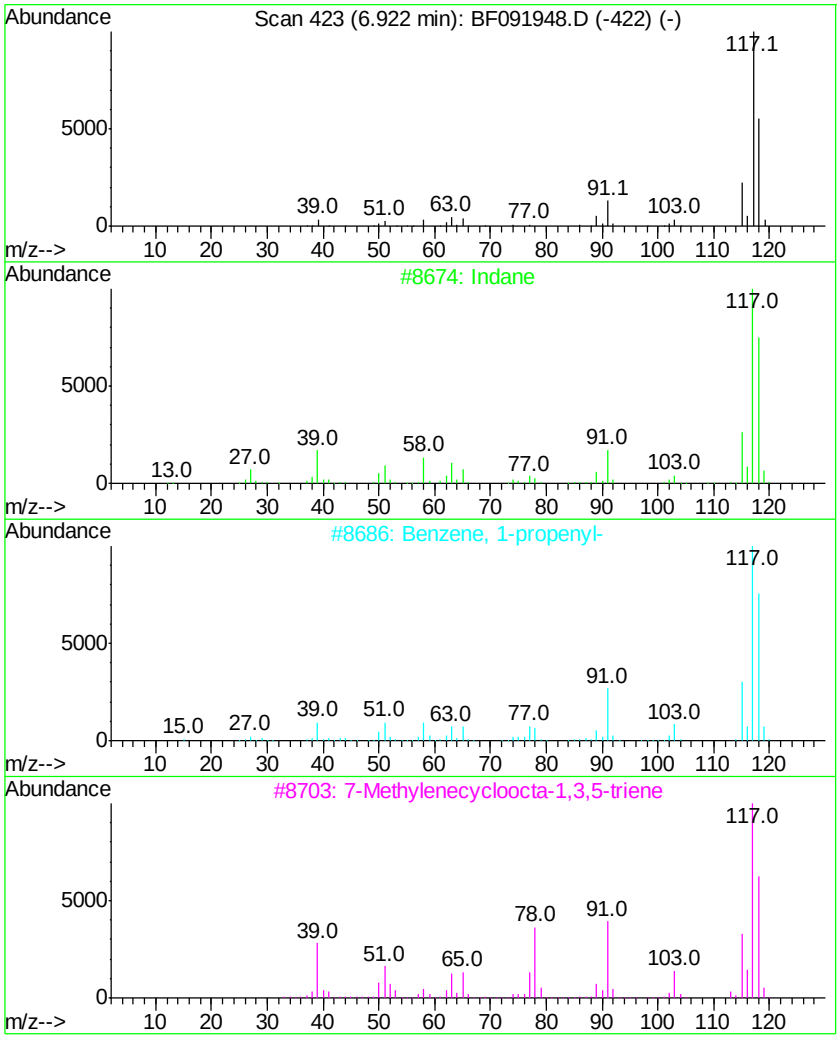
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

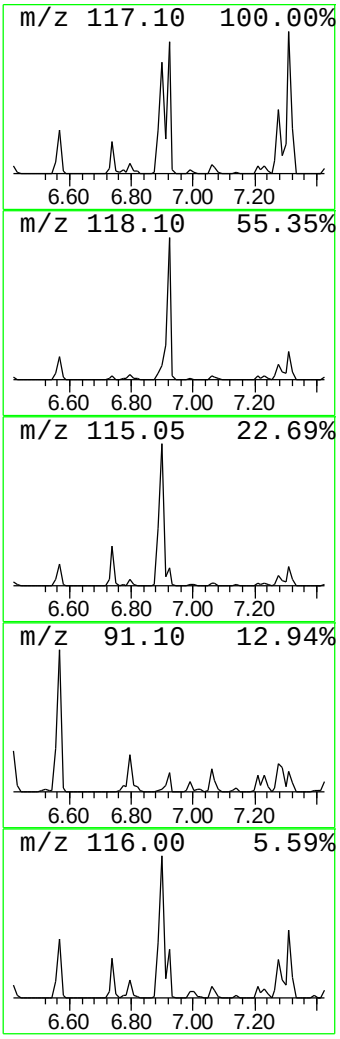
****

Peak Number 15 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	6.38 ng	408924	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	58
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	45
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

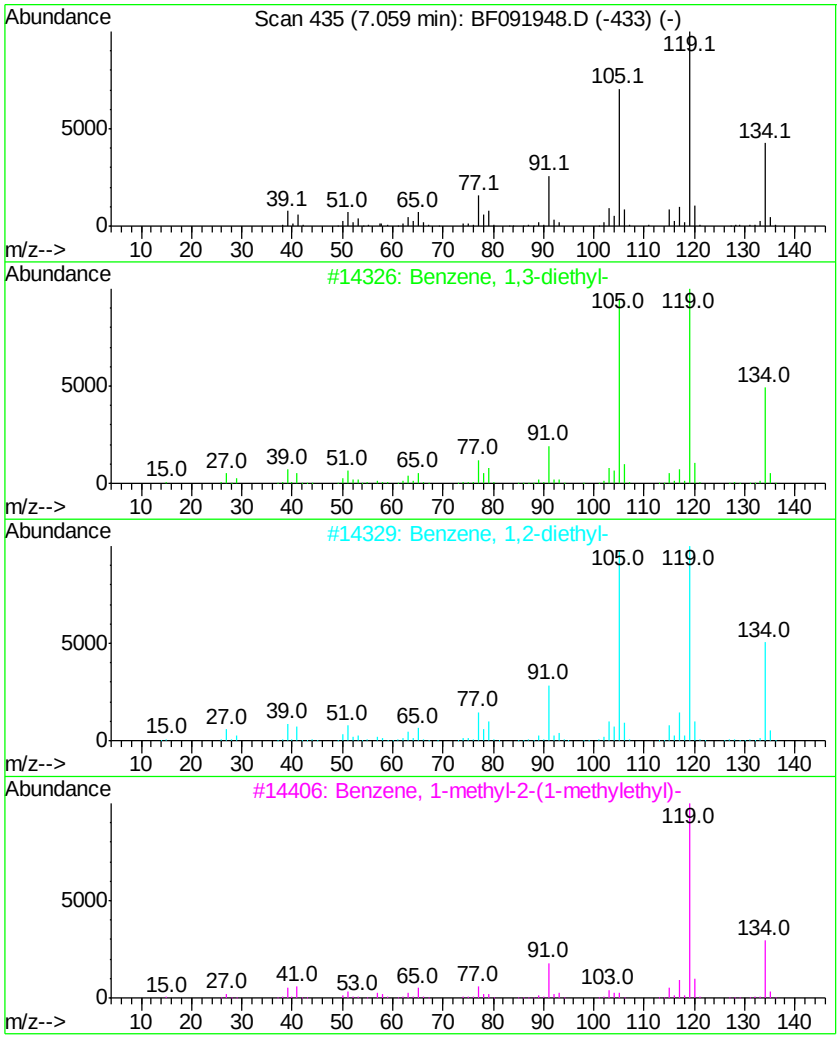
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

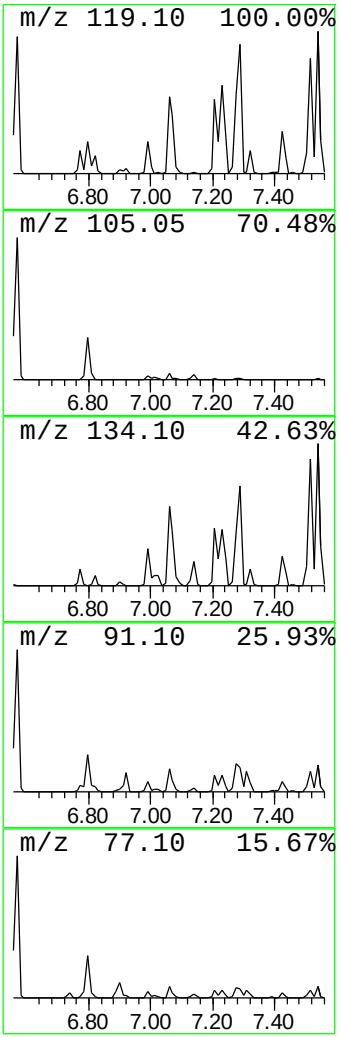
****

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	10.77 ng	690475	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

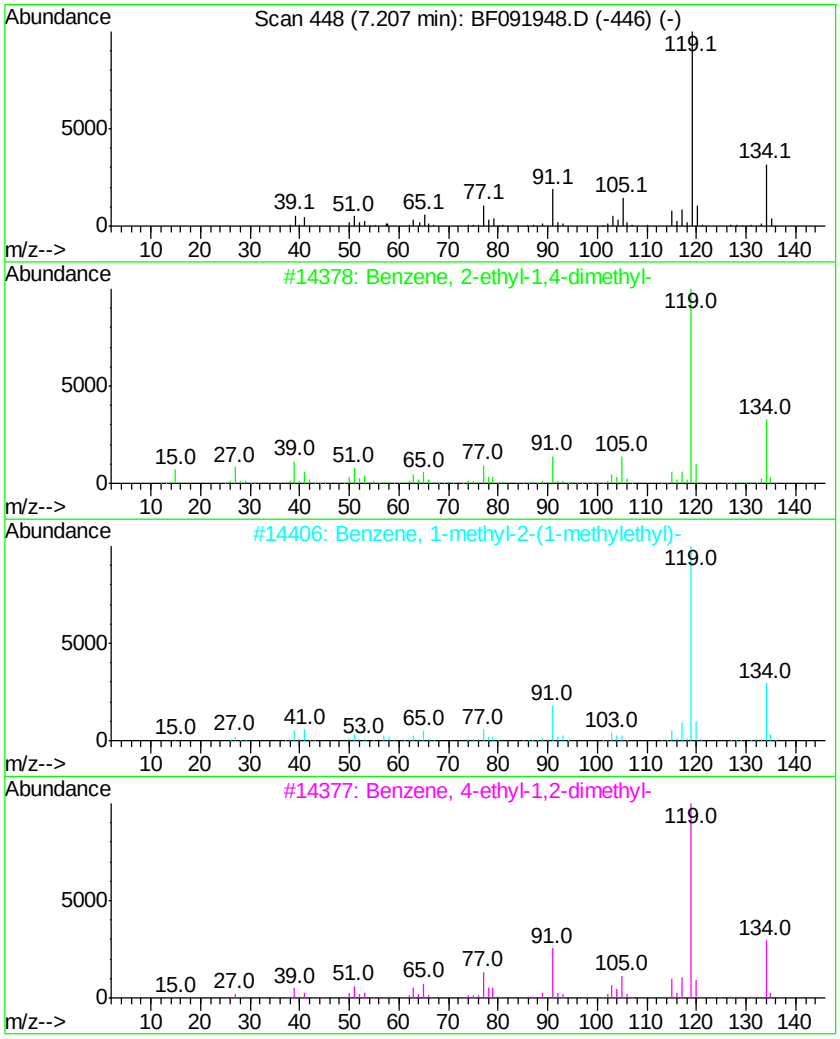
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

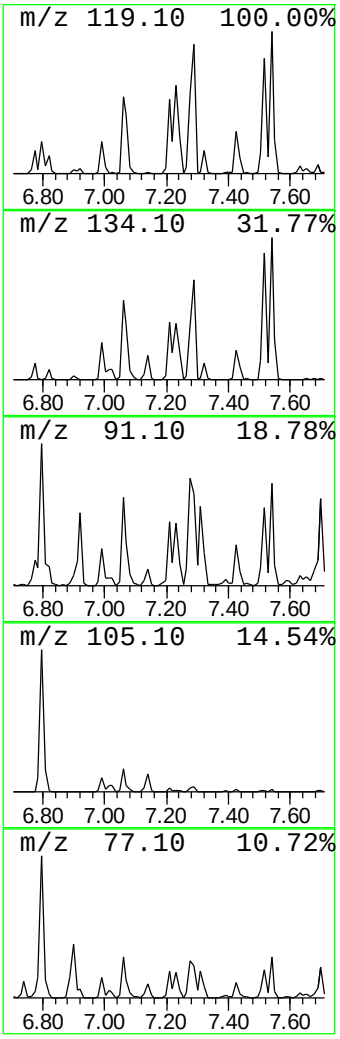
****

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	5.91 ng	378712	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

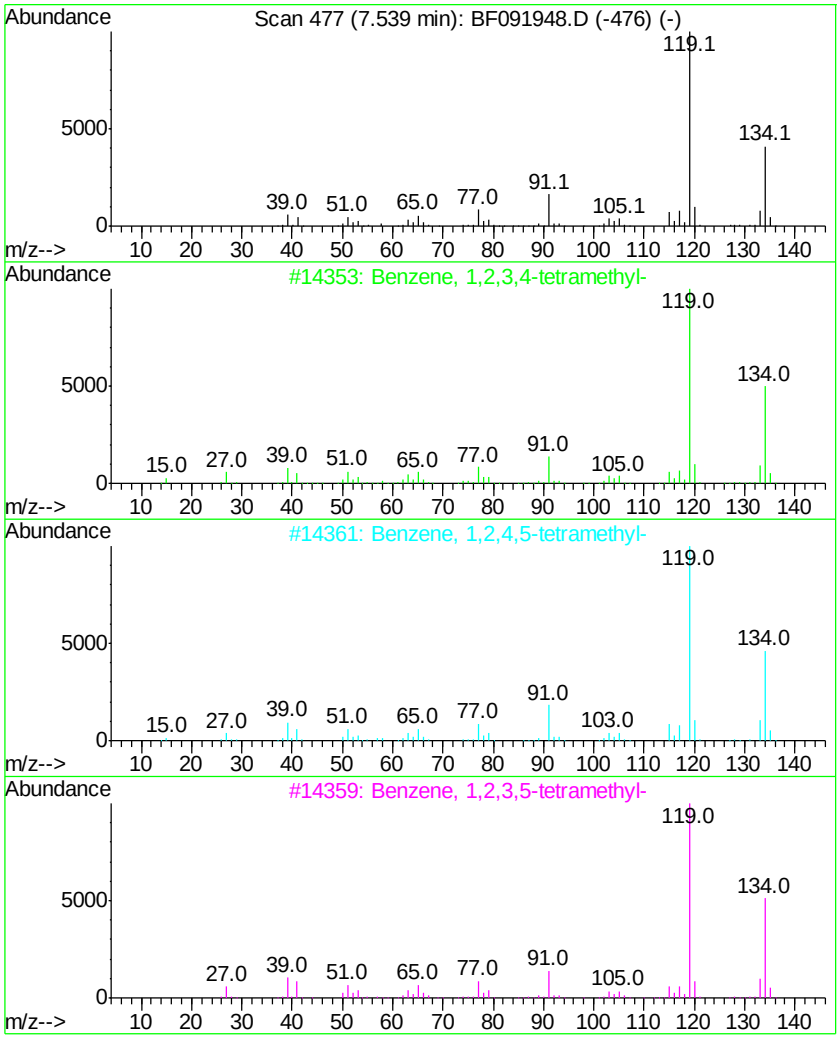
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

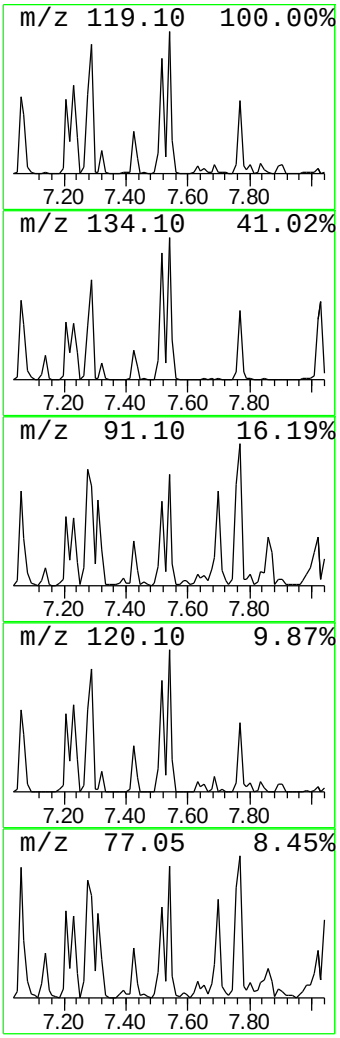
****

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.81 ng	598739	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

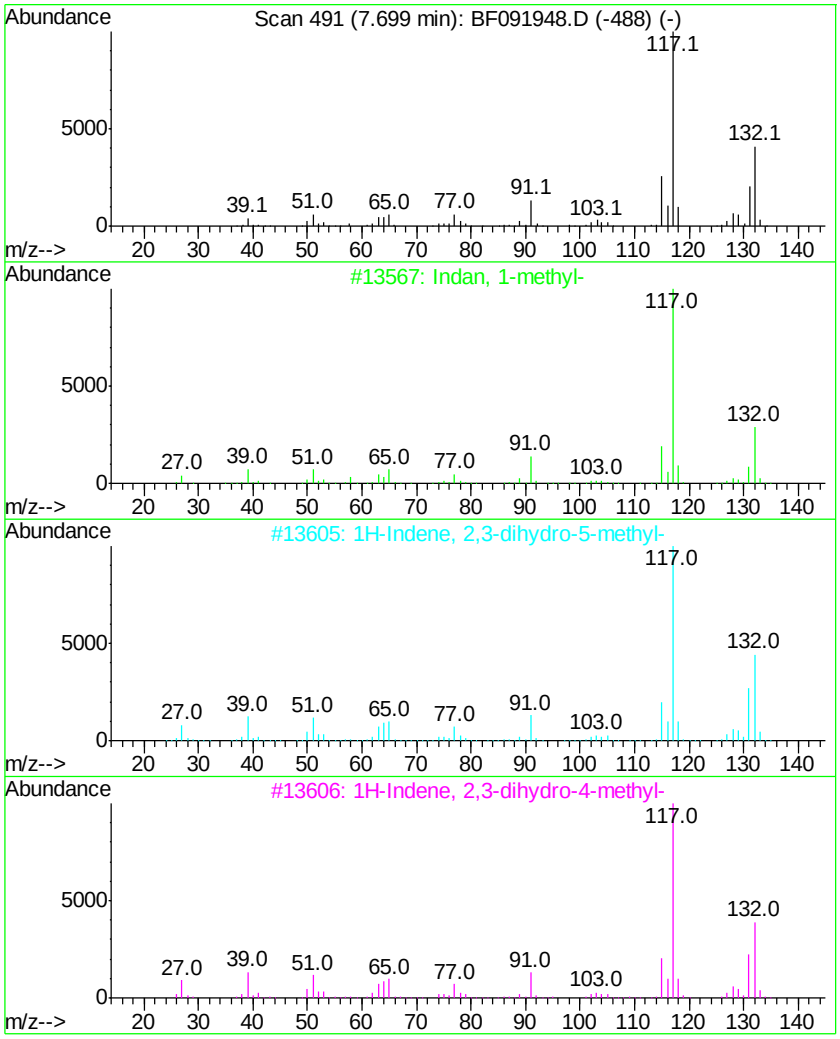
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

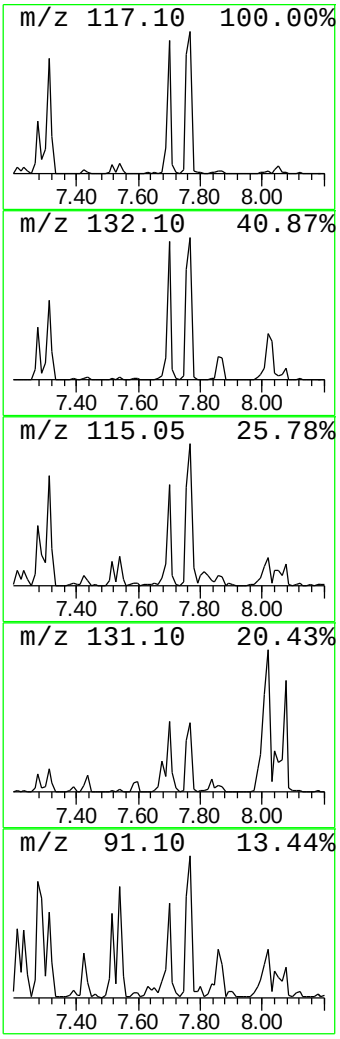
****

Peak Number 19 Indan, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	5.23 ng	823051	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

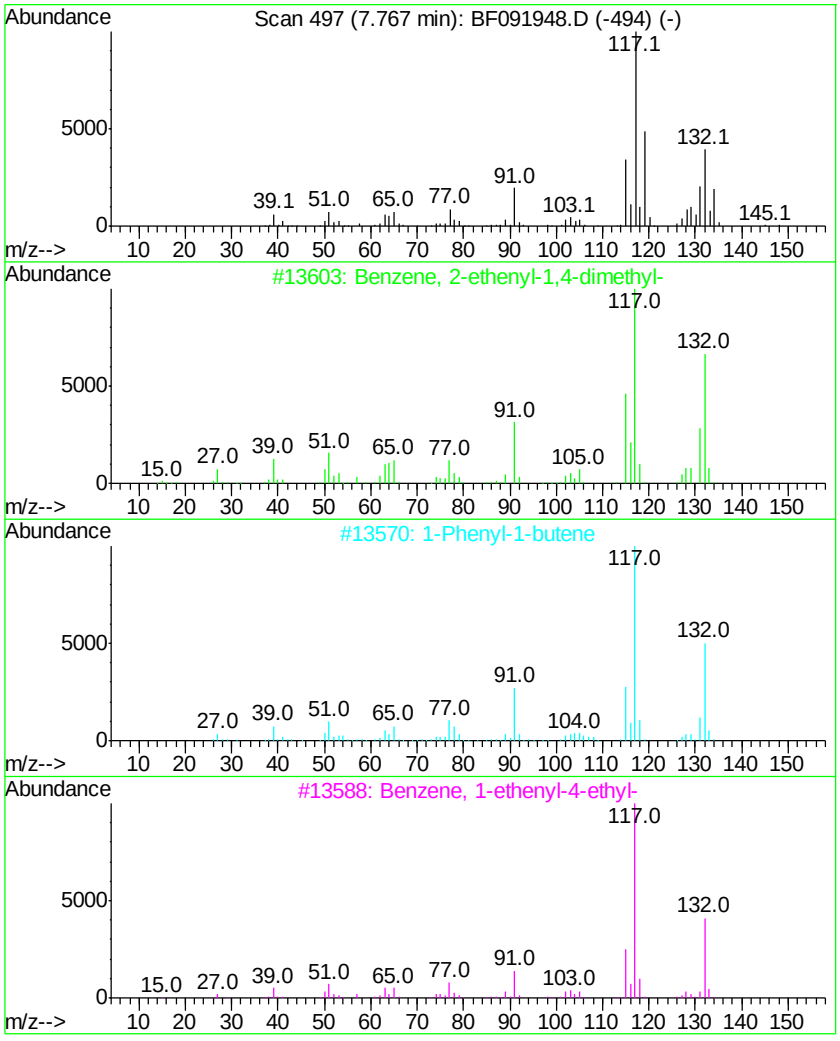
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

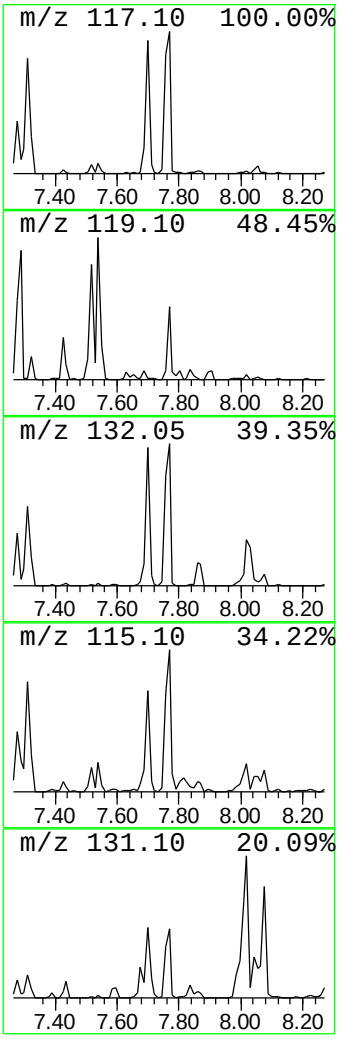
****

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	9.41 ng	1479760	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexene, 3-methy...	2.19	3.9	ng	251700	1	6.74	1281820	20.0
1,4-Hexadiene, 5-...	2.37	4.7	ng	298619	1	6.74	1281820	20.0
Cyclohexane, methyl-	2.61	9.8	ng	630975	1	6.74	1281820	20.0
Cyclobutane, (1-m...	3.20	3.9	ng	249870	1	6.74	1281820	20.0
Cyclopentene, 1,2...	4.38	4.0	ng	255190	1	6.74	1281820	20.0
2-Pentanone, 4-hy...	4.90	17.0	ng	1090540	1	6.74	1281820	20.0
Benzene, 1-ethyl-...	6.29	20.6	ng	1321060	1	6.74	1281820	20.0
Benzene, 1,3,5-tr...	6.34	29.7	ng	1904200	1	6.74	1281820	20.0
unknown6.52	6.52	73.8	ng	4732280	1	6.74	1281820	20.0
Benzene, 1,2,3-tr...	6.57	82.2	ng	5270610	1	6.74	1281820	20.0
Indane	6.92	6.4	ng	408924	1	6.74	1281820	20.0
Benzene, 1,3-diet...	7.06	10.8	ng	690475	1	6.74	1281820	20.0
Benzene, 2-ethyl-...	7.21	5.9	ng	378712	1	6.74	1281820	20.0
Benzene, 1,2,3,4-...	7.54	3.8	ng	598739	2	8.03	3146380	20.0
Indan, 1-methyl-	7.70	5.2	ng	823051	2	8.03	3146380	20.0
Benzene, 2-etheny...	7.77	9.4	ng	1479760	2	8.03	3146380	20.0