LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	495	501	507	rBV2	111670	144278	8.89%	0.677%
2	5.463	571	574	581	rBV	1096420	1164210	71.71%	5.463%
3	5.604	593	598	602	rVB2	49351	75223	4.63%	0.353%
4	5.851	634	640	644	rBV3	83346	150627	9.28%	0.707%
5	6.134	685	688	690	rBV	148208	114912	7.08%	0.539%
6	6.169	690	694	696	rBV3	49505	61830	3.81%	0.290%
7	6.263	705	710	713	rBV2	94369	123954	7.63%	0.582%
8	6.363	723	727	736	rBV	316300	509932	31.41%	2.393%
9	6.446	736	741	744	rBV3	45006	77526	4.78%	0.364%
10	6.481	744	747	753	rBV	1257116	1443355	88.90%	6.772%
11	6.581	761	764	765	rBV	86131	70058	4.32%	0.329%
12	6.610	765	769	774	rVB	1551930	1544173	95.11%	7.245%
13	6.687	780	782	784	rVB	111337	86355	5.32%	0.405%
14	6.793	795	800	802	rBV4	103714	135519	8.35%	0.636%
15	6.828	803	806	810	rVV	589533	514144	31.67%	2.412%
16	6.887	813	816	818	rBV3	84319	76005	4.68%	0.357%
17	6.922	818	822	826	rBV4	100330	166466	10.25%	0.781%
18	6.987	828	833	836	rBV	1324798	1153630	71.06%	5.413%
19	7.057	843	845	847	rBV2	91567	69605	4.29%	0.327%
20	7.098	847	852	856	rVB3	252831	268693	16.55%	1.261%
21	7.145	856	860	863	rBV3	65381	96129	5.92%	0.451%
22	7.222	870	873	875	rBV2	235874	195338	12.03%	0.917%
23	7.251	875	878	884	rVV4	149629	199196	12.27%	0.935%
24	7.304	884	887	890	rVV4	71731	79770	4.91%	0.374%
25	7.351	891	895	899	rVV4	222102	395742	24.38%	1.857%
26	7.393	899	902	907	rVV	966824	1017257	62.66%	4.773%
27	7.469	911	915	919	rVB4	262674	374963	23.10%	1.759%
28	7.551	926	929	932	rBV4	75584	110189	6.79%	0.517%
29	7.604	936	938	940	rVB	116314	81496	5.02%	0.382%
30	7.634	940	943	946	rBV3	377185	352559	21.72%	1.654%
31	7.704	952	955	960	rVB3	111379	117408	7.23%	0.551%
32	7.751	960	963	967	rVB3	376740	379230	23.36%	1.779%
33	7.851	977	980	982	rBV3	70976	71204	4.39%	0.334%
34	7.934	991	994	999	rVB4	140955	190698	11.75%	0.895%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.981	999	1002	1006	rBV5	163113	246838	15.20%	1.158%
36	8.016	1006	1008	1012	rVV4	139408	191733	11.81%	0.900%
37	8.051	1012	1014	1019	rVV5	181585	262835	16.19%	1.233%
38	8.116	1019	1025	1027	rVV	870823	1011392	62.30%	4.746%
39	8.157	1030	1032	1036	rVB3	163302	184846	11.39%	0.867%
40	8.198	1036	1039	1043	rBV4	158606	213634	13.16%	1.002%
41	8.287	1051	1054	1056	rBV3	125033	133195	8.20%	0.625%
42	8.316	1056	1059	1061	rVB	264366	192719	11.87%	0.904%
43	8.398	1070	1073	1077	rBV5	86806	136750	8.42%	0.642%
44	8.551	1096	1099	1101	rBV3	173818	146175	9.00%	0.686%
45	8.575	1101	1103	1108	rVB4	107150	99696	6.14%	0.468%
46	8.616	1108	1110	1112	rBV2	95556	65806	4.05%	0.309%
47	8.651	1113	1116	1120	rVB3	170289	159907	9.85%	0.750%
48	8.887	1153	1156	1159	rBV4	67926	72980	4.50%	0.342%
49	9.128	1195	1197	1203	rBV4	80446	103538	6.38%	0.486%
50	9.187	1203	1207	1210	rBV	1978248	1623508	100.00%	7.618%
51	9.269	1218	1221	1223	rVB3	94161	76279	4.70%	0.358%
52	9.581	1270	1274	1277	rVB3	284966	302426	18.63%	1.419%
53	9.734	1297	1300	1303	rBV	108158	110886	6.83%	0.520%
54	9.775	1305	1307	1310	rVB2	100218	77646	4.78%	0.364%
55	9.869	1320	1323	1326	rVB	847216	720440	44.38%	3.380%
56	10.116	1363	1365	1368	rVB3	68683	62422	3.84%	0.293%
57	10.186	1374	1377	1380	rBV5	62935	88364	5.44%	0.415%
58	10.275	1389	1392	1397	rBV3	99033	127137	7.83%	0.597%
59	10.663	1455	1458	1463	rBV	1225335	1208785	74.46%	5.672%
60	11.363	1573	1577	1580	rBV	928379	902592	55.60%	4.235%
61	12.951	1845	1847	1851	rVB	1416204	1178443	72.59%	5.529%

Sum of corrected areas: 21312646

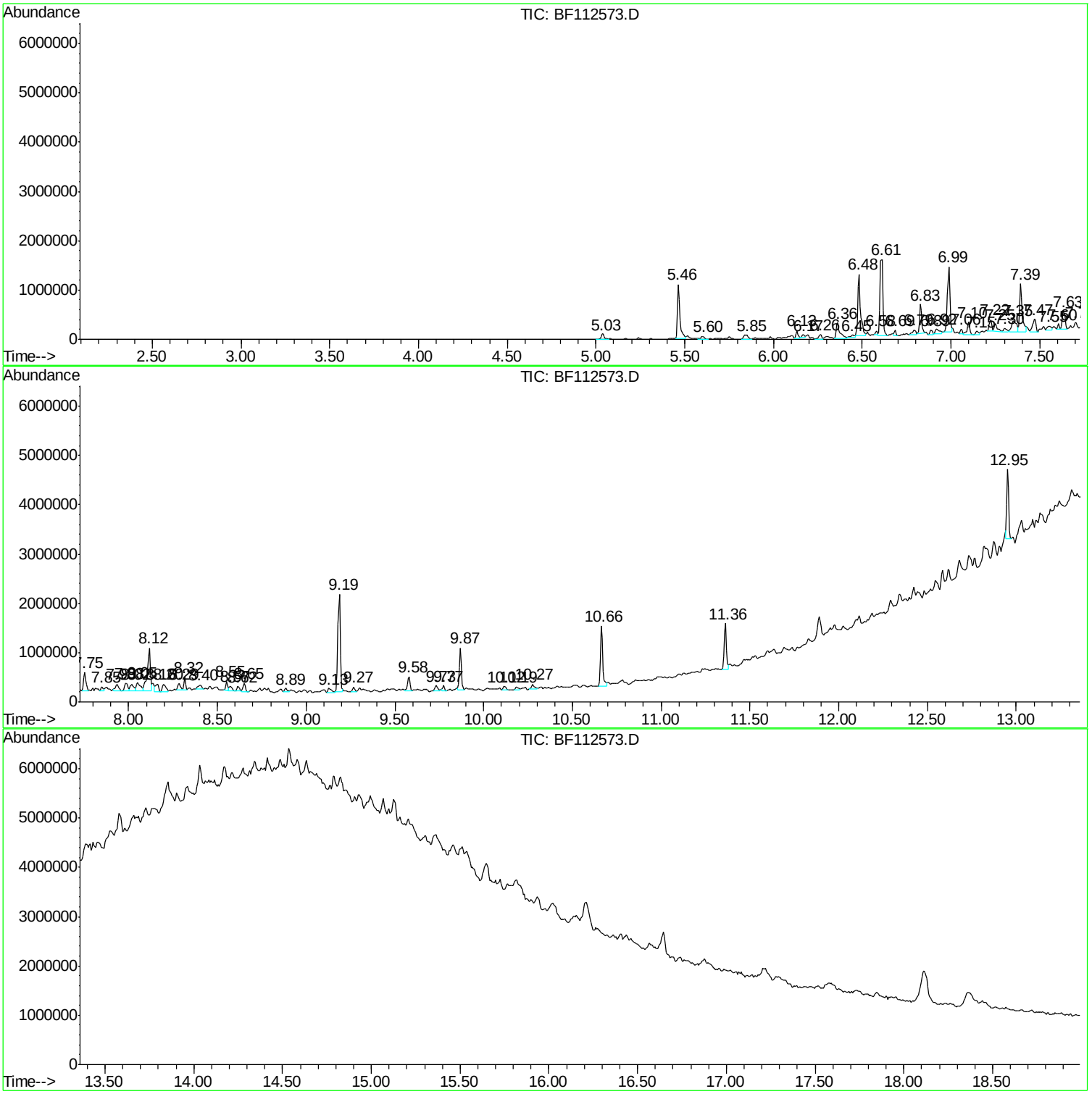
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

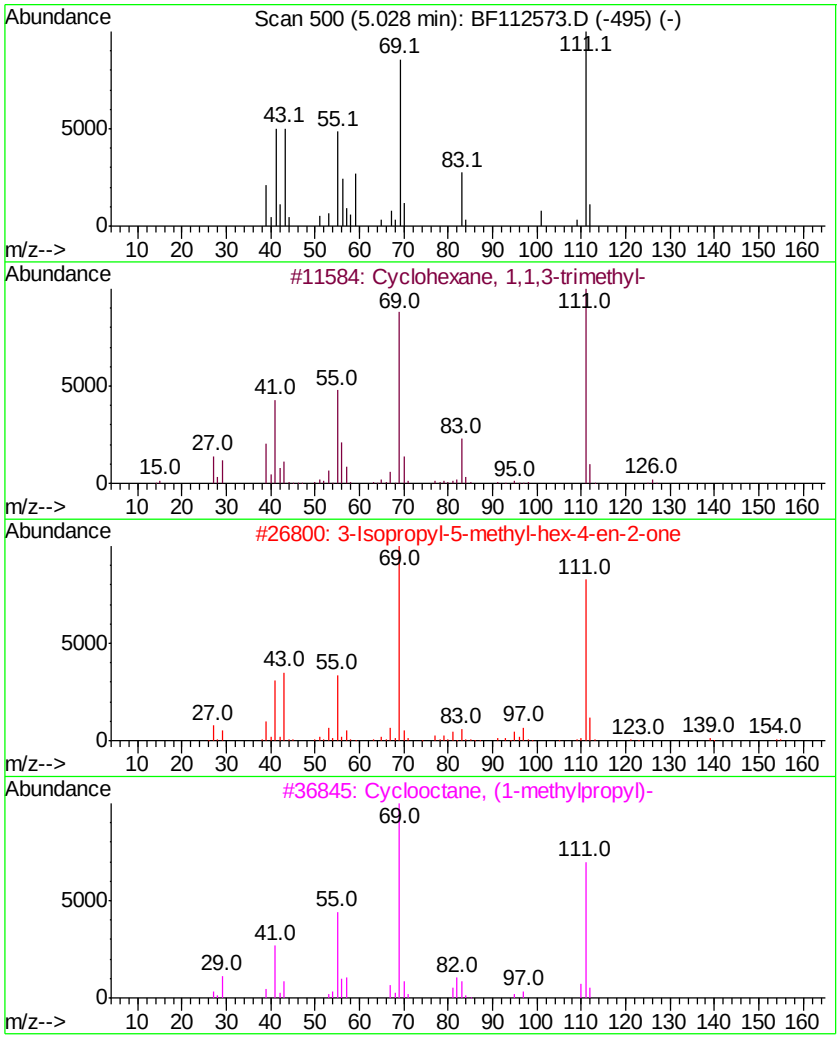
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

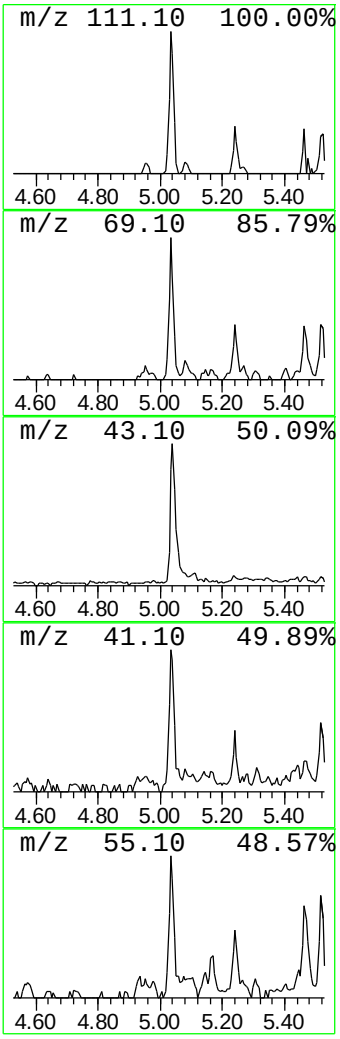
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	5.61 ng	144278	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	32
4	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	27
5	Isocytosine	111	C4H5N3O	000108-53-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

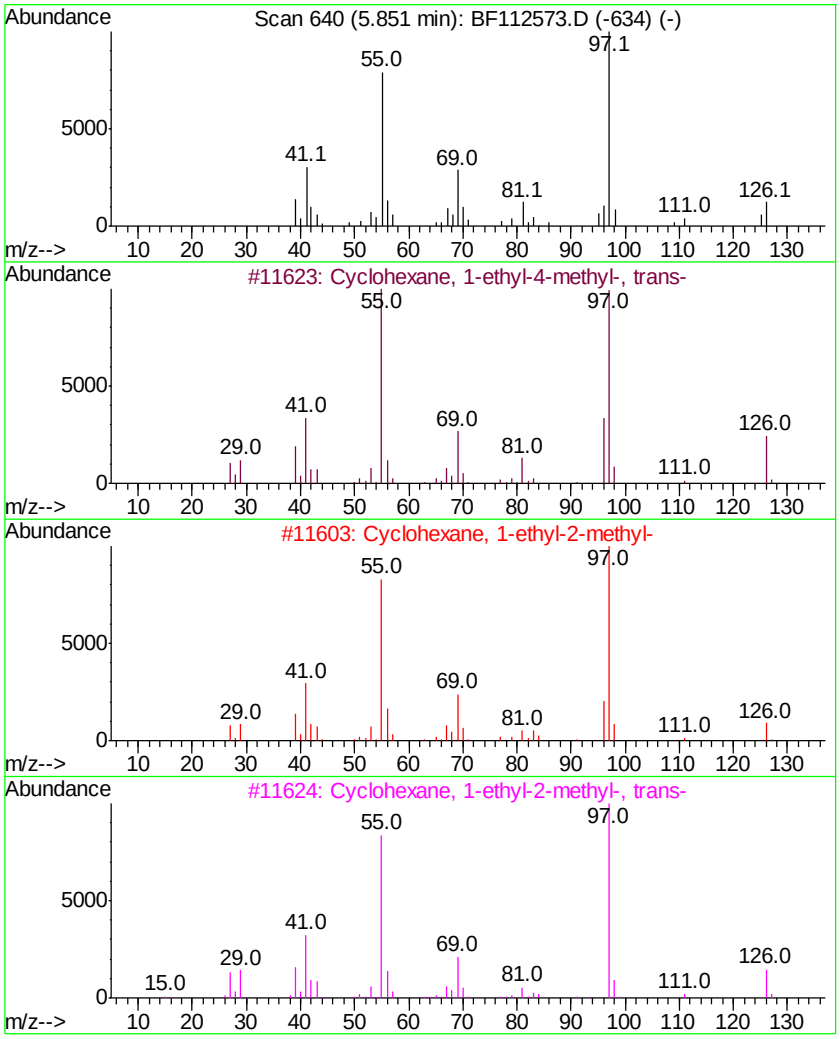
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

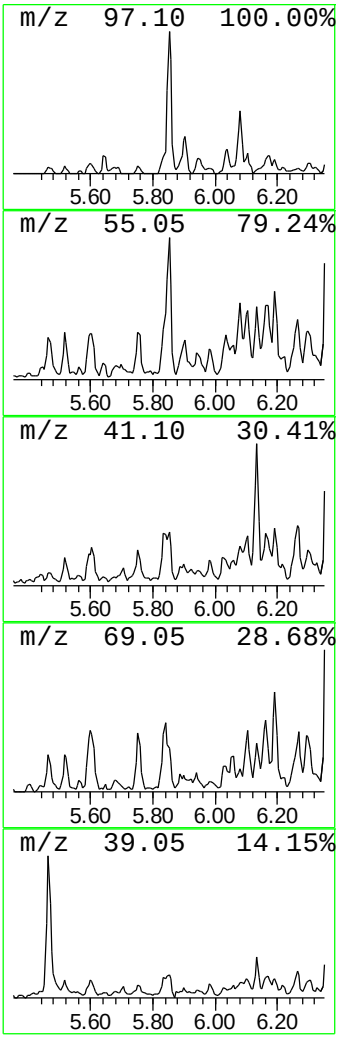
****

Peak Number 2 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	5.86 ng	150627	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	74
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

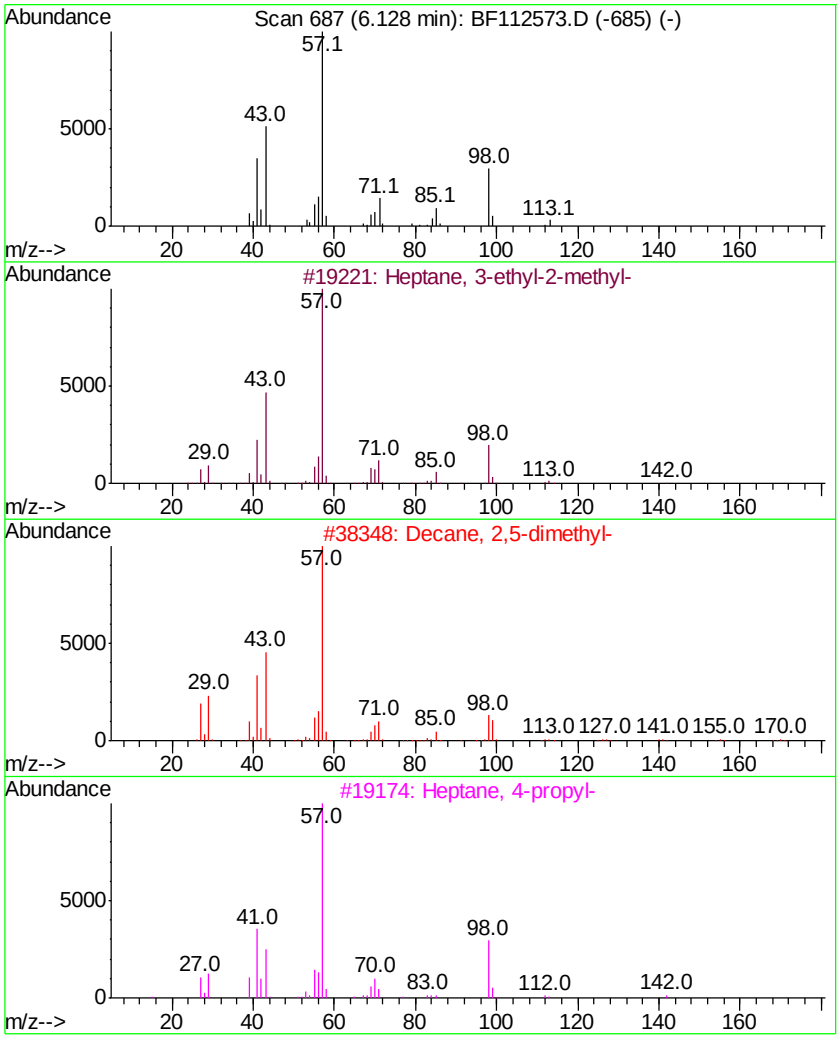
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

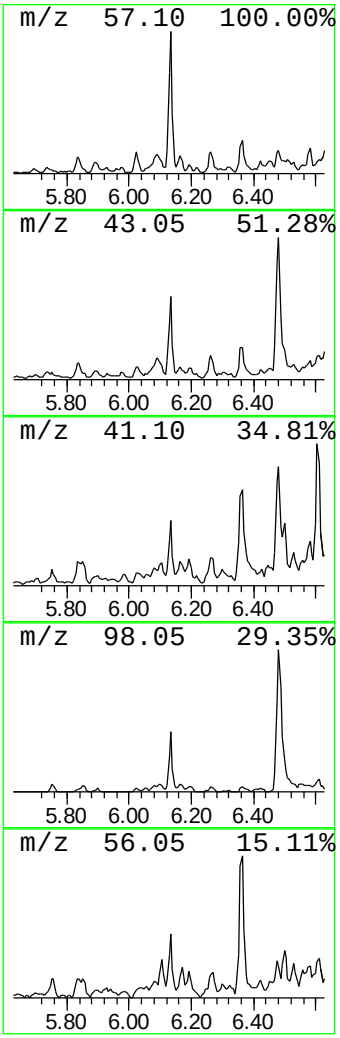
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	4.47 ng	114912	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	78
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

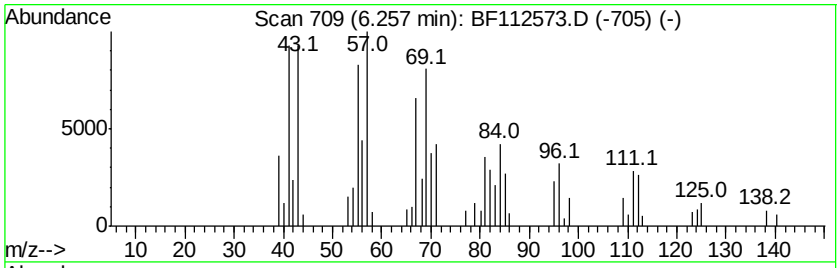
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

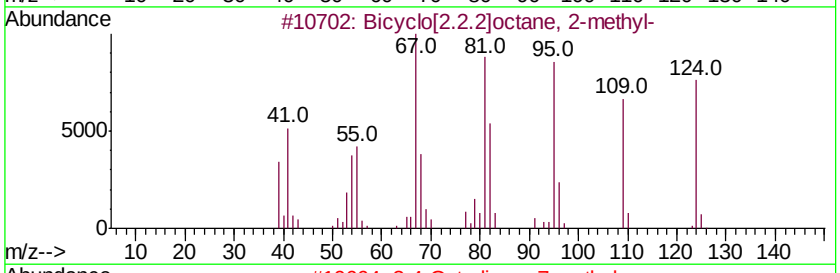
****

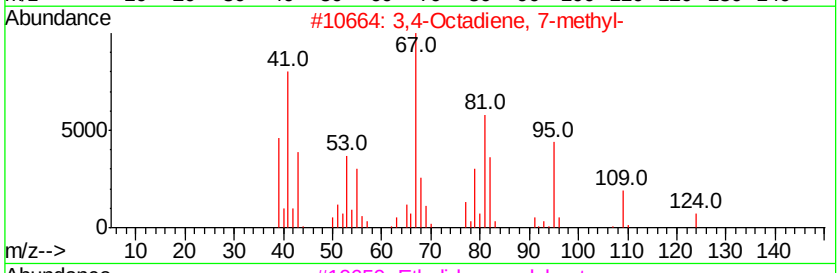
Peak Number 4 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 15

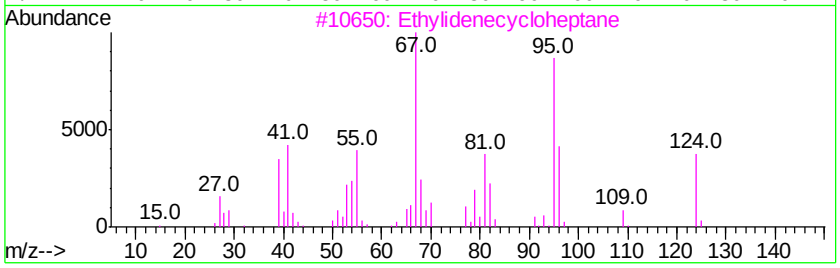
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	4.82 ng	123954	1,4-Dichlorobenzene-d4	6.83

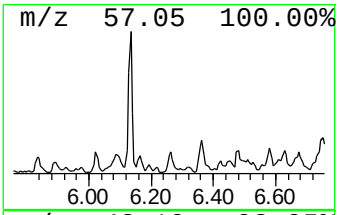
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	55
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	50
3	Ethylidenecycloheptane	124	C9H16	010494-87-8	42
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	42
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	38

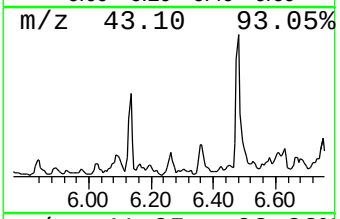


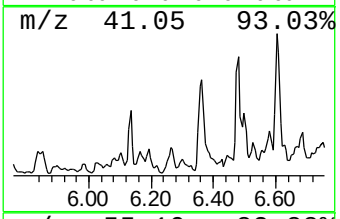


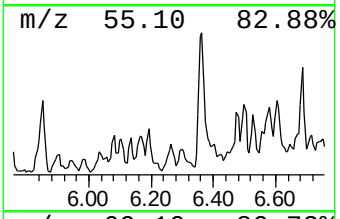


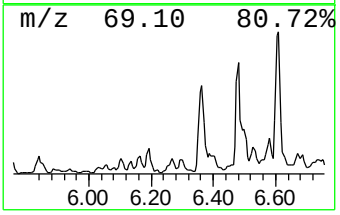












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

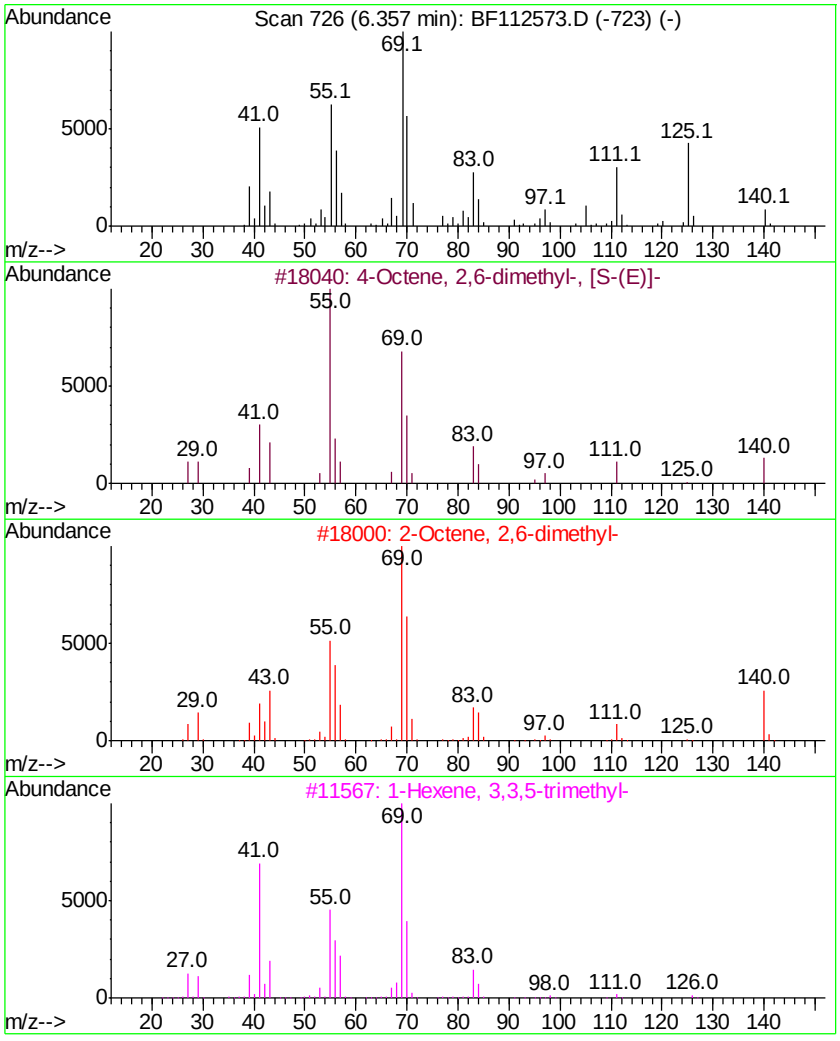
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

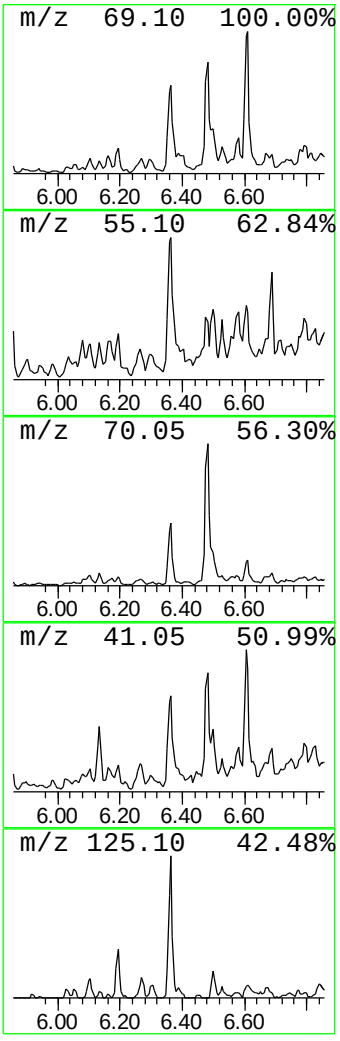
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	19.84 ng	509932	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
4	2-Methyl-2-octene	126	C9H18	016993-86-5	46
5	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

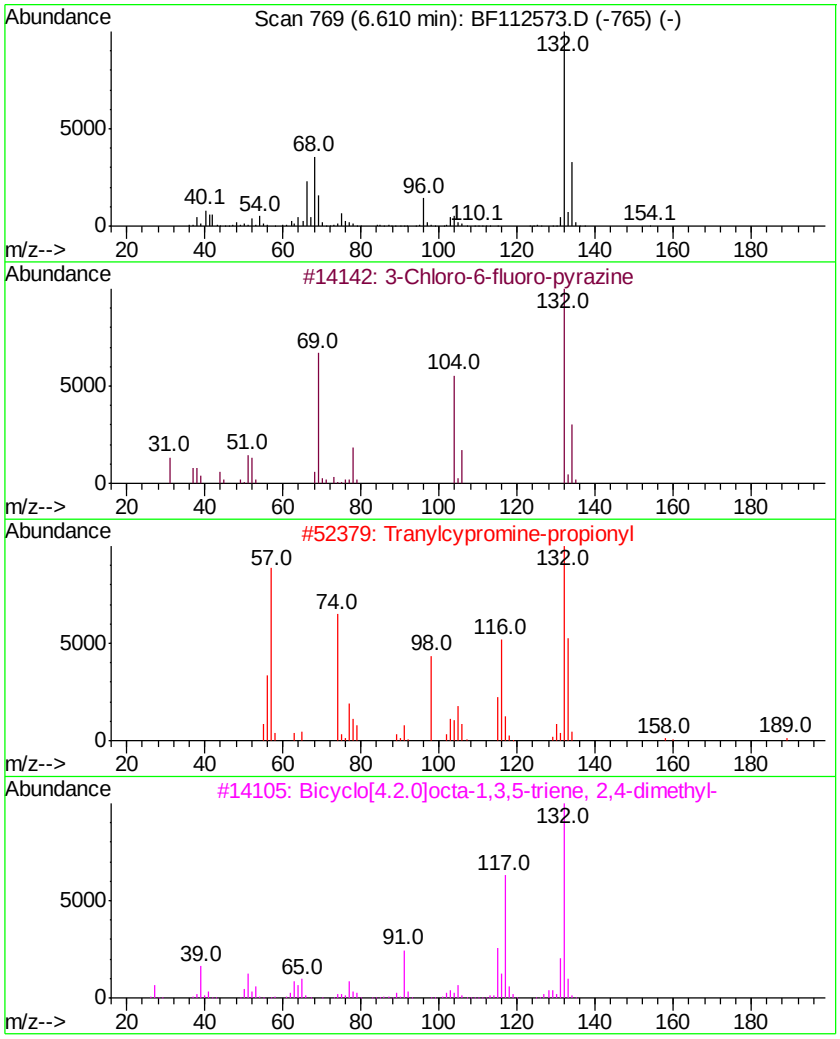
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

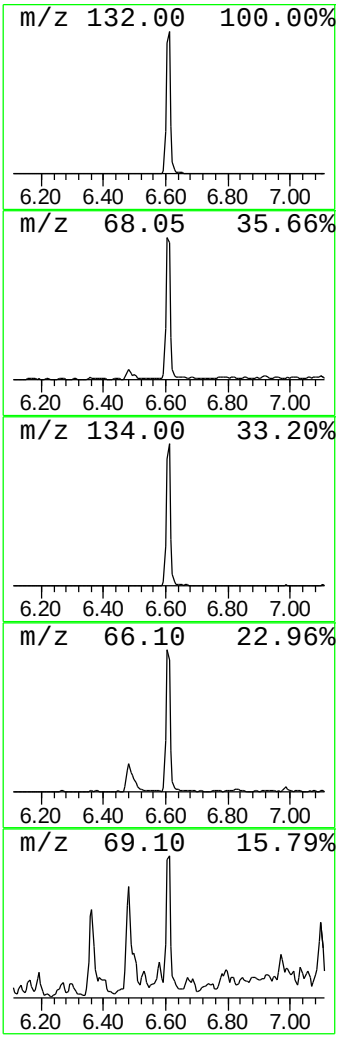
****

Peak Number 6 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	60.07 ng	1544170	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

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Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

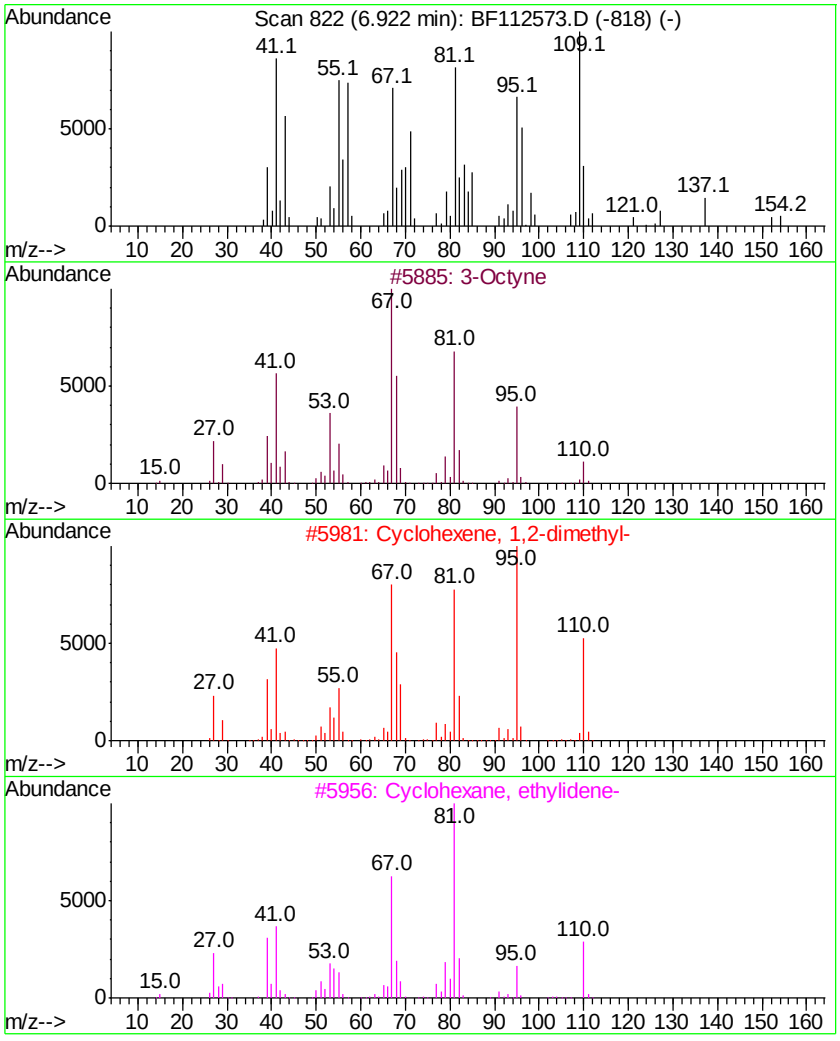
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

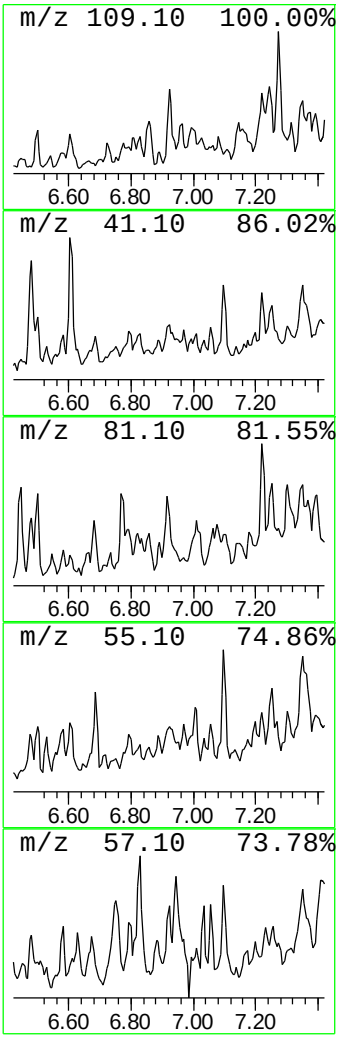
****

Peak Number 7 3-Octyne Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	6.48 ng	166466	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne	110	C8H14	015232-76-5	50
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
4	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	38
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	30





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Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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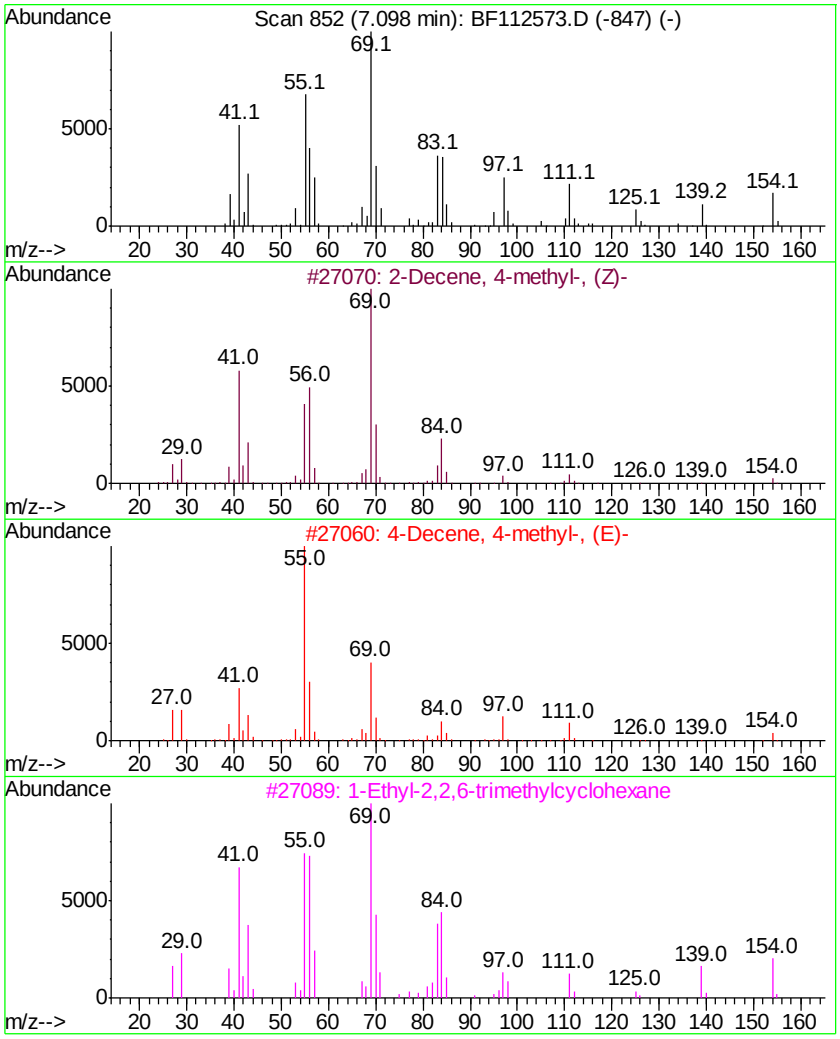
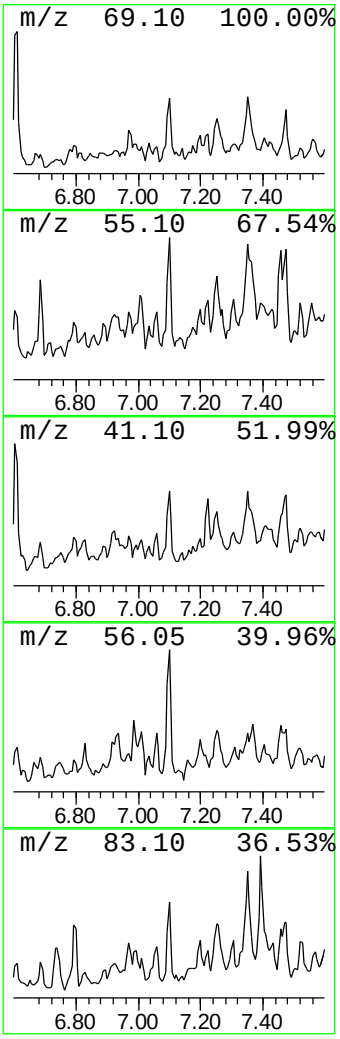
Peak Number 9 2-Decene, 4-methyl-, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	10.45 ng	268693	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	72
2	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	58
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	47
5	5-Undecene	154	C11H22	004941-53-1	46





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Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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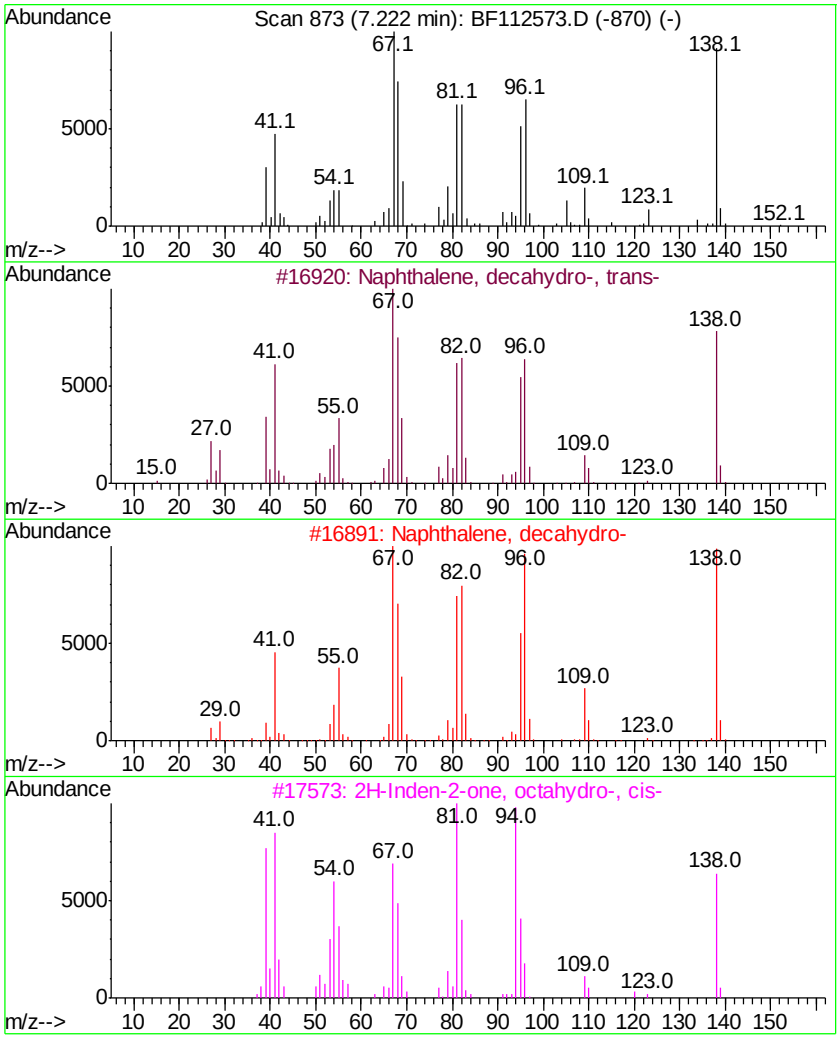
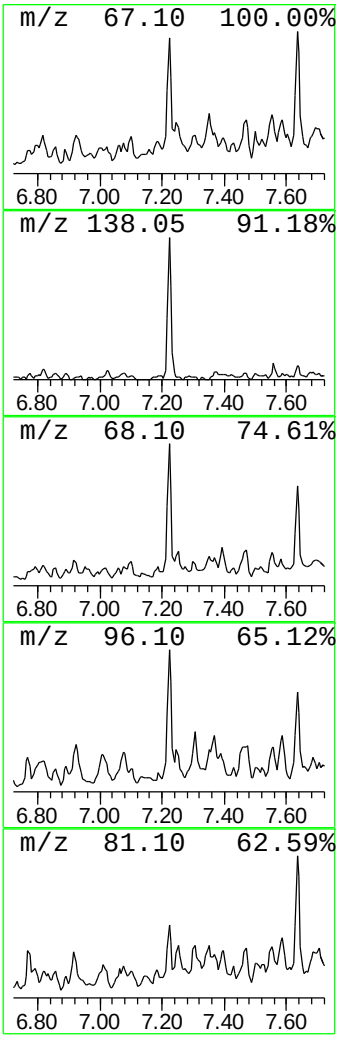
Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.60 ng	195338	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	72





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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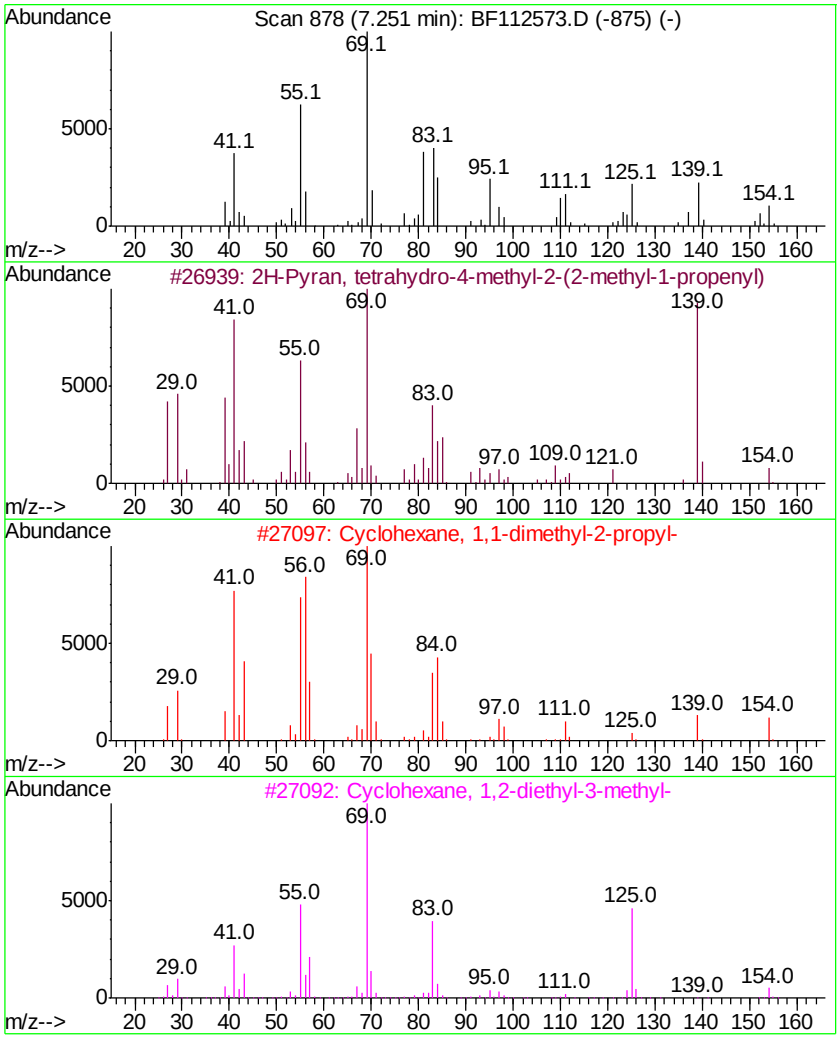
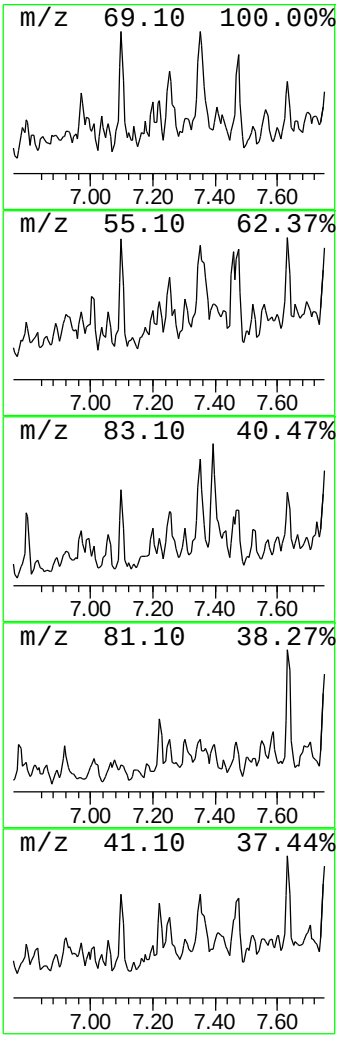
Peak Number 11 2H-Pyran, tetrahydro-4-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	7.75 ng	199196	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	50
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	50
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	46
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43





Library Search Compound Report

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Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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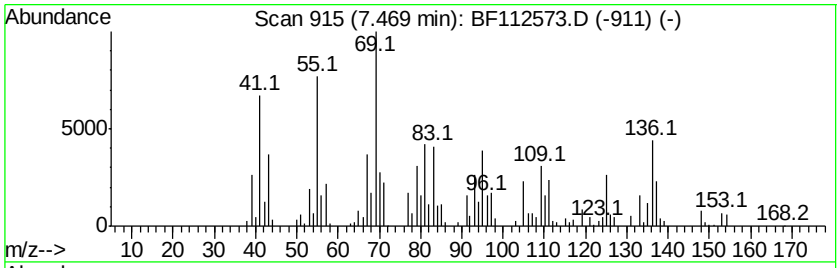
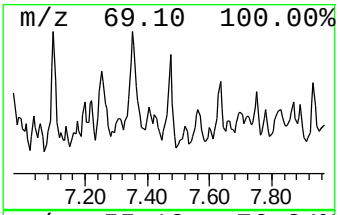
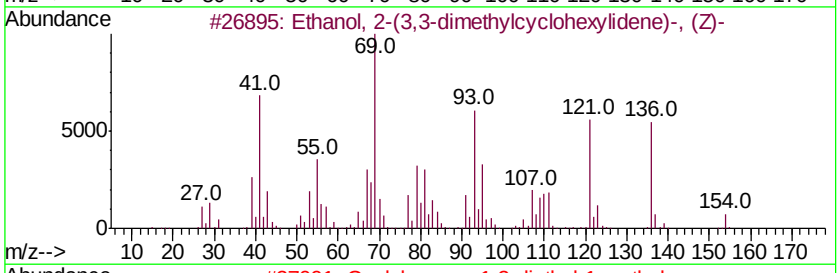
Peak Number 12 unknown7.47 Concentration Rank 4

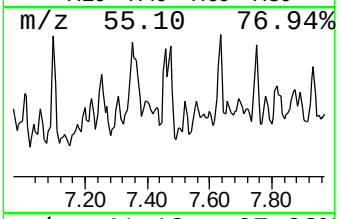
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	14.59 ng	374963	1,4-Dichlorobenzene-d4	6.83

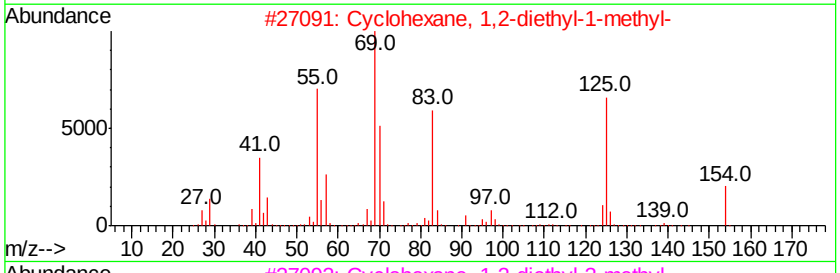
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	026532-23-0	43
2	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	41
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27

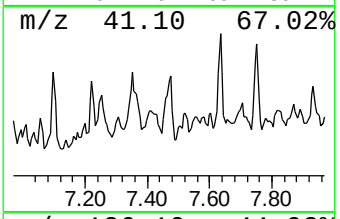


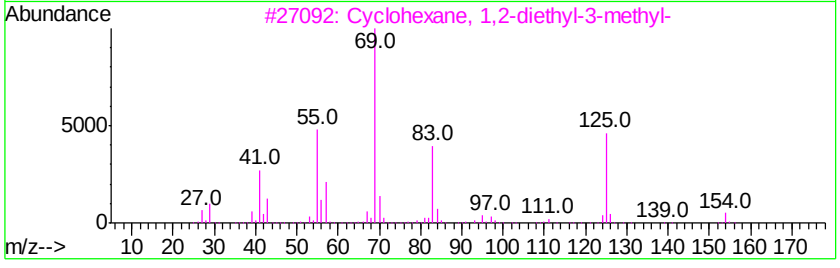


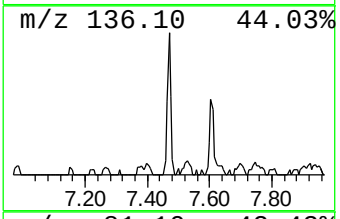


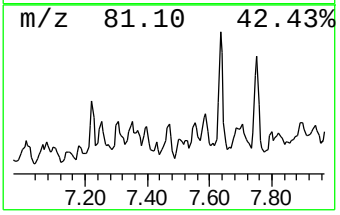












Library Search Compound Report

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Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

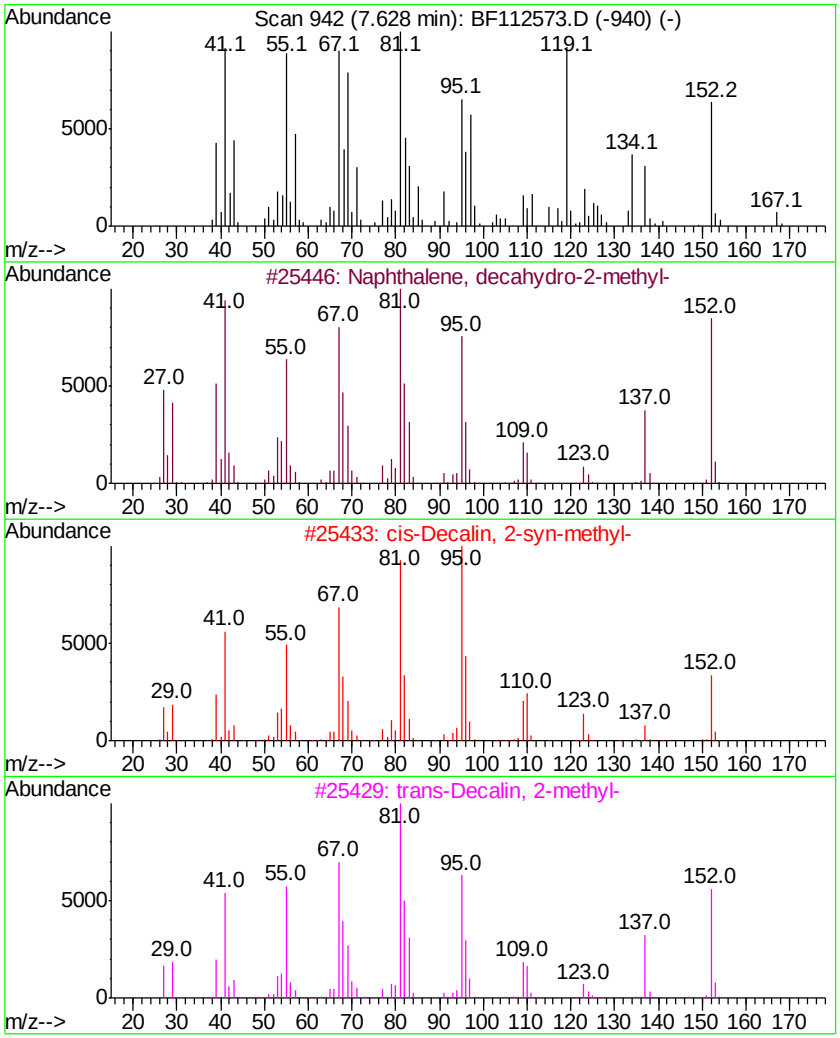
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

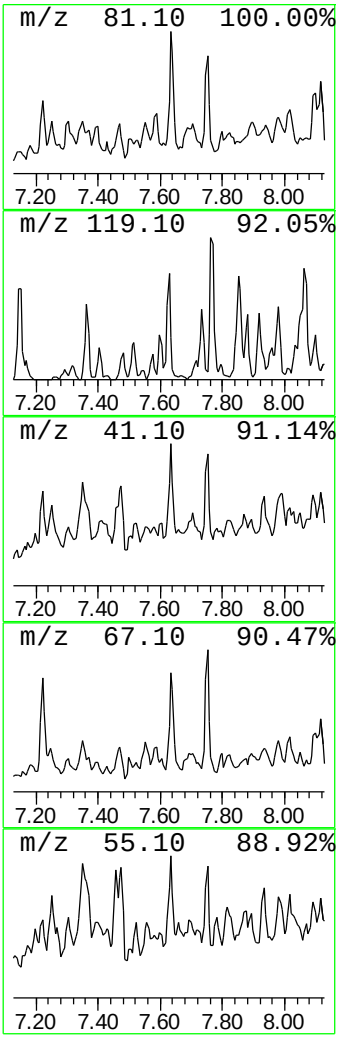
****

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	6.97 ng	352559	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
5	Pulegone	152	C10H16O	000089-82-7	70





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Instrument : BNA_F
ClientSampleId : SB-10(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

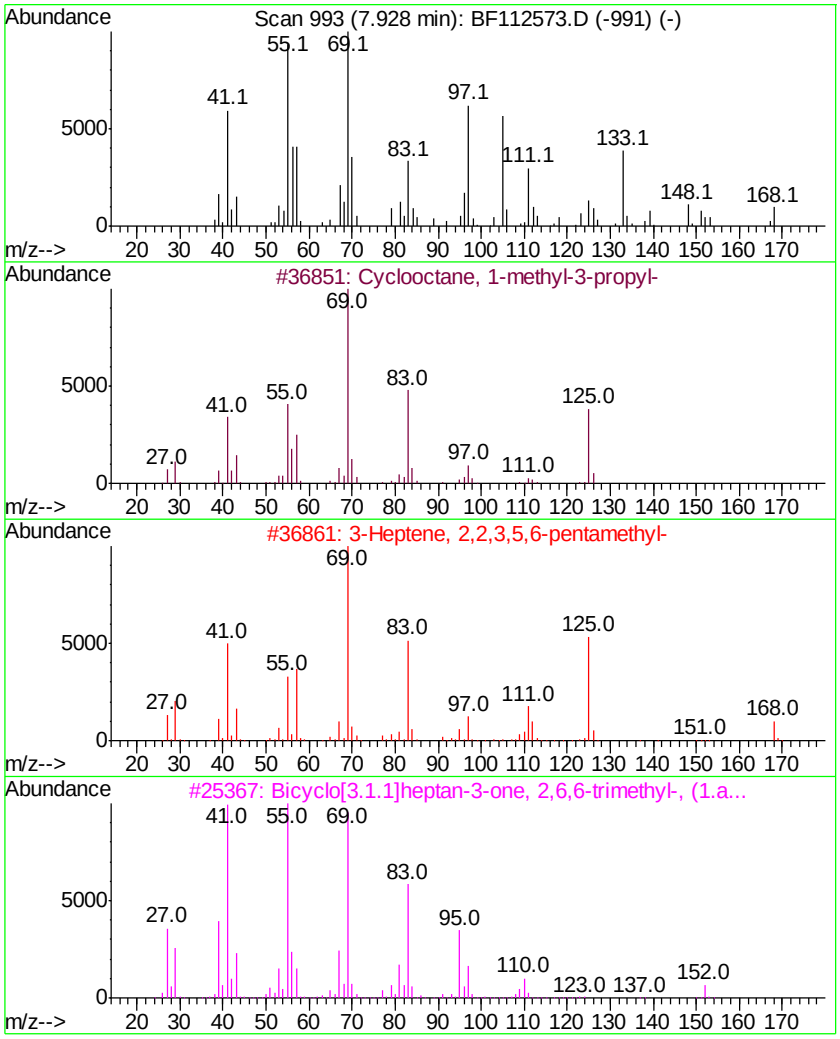
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

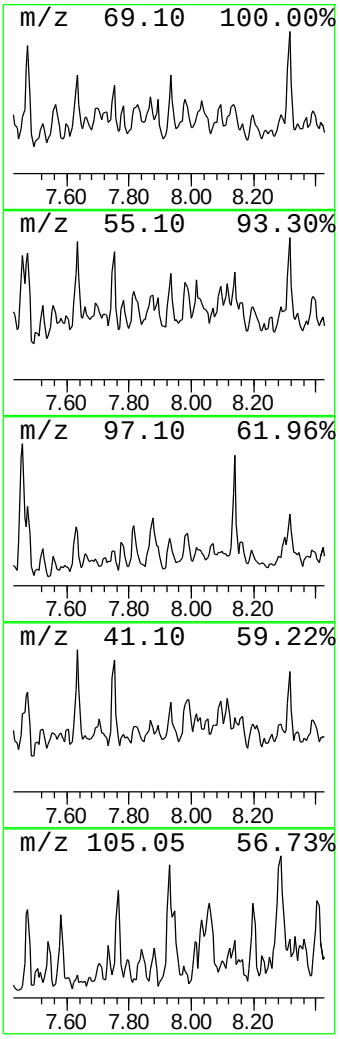
****

Peak Number 15 unknown7.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	3.77 ng	190698	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
2	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	47
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46
4	1,4-Diisopropyl cyclohexane	168	C12H24	022907-72-8	43
5	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	43





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Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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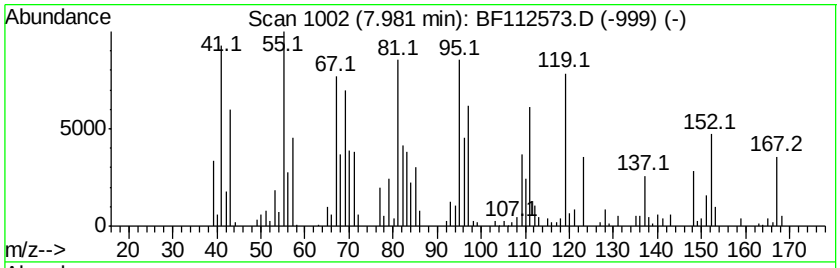
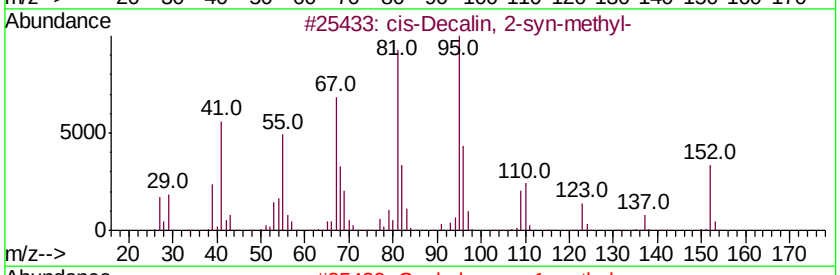
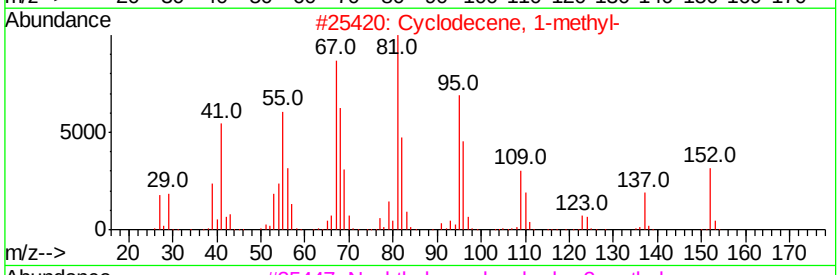
Peak Number 16 cis-Decalin, 2-syn-methyl- Concentration Rank 14

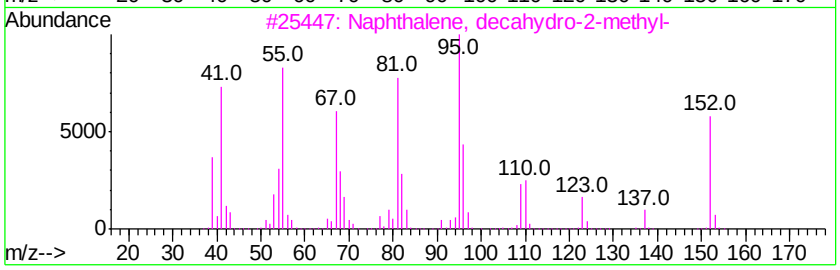
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.88 ng	246838	Naphthalene-d8	8.12

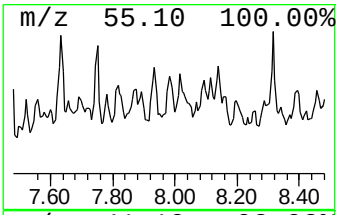
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	60
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	50
5	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	46

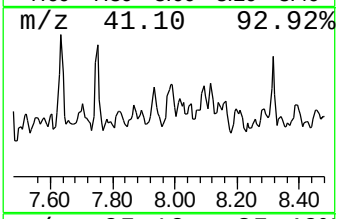


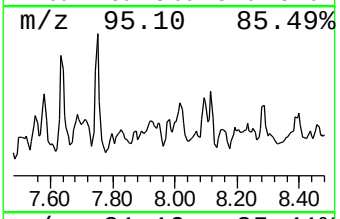


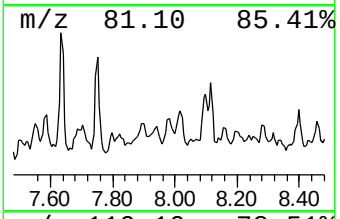


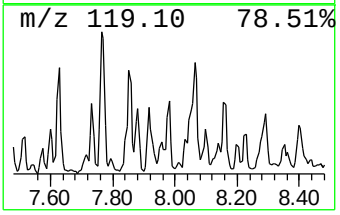












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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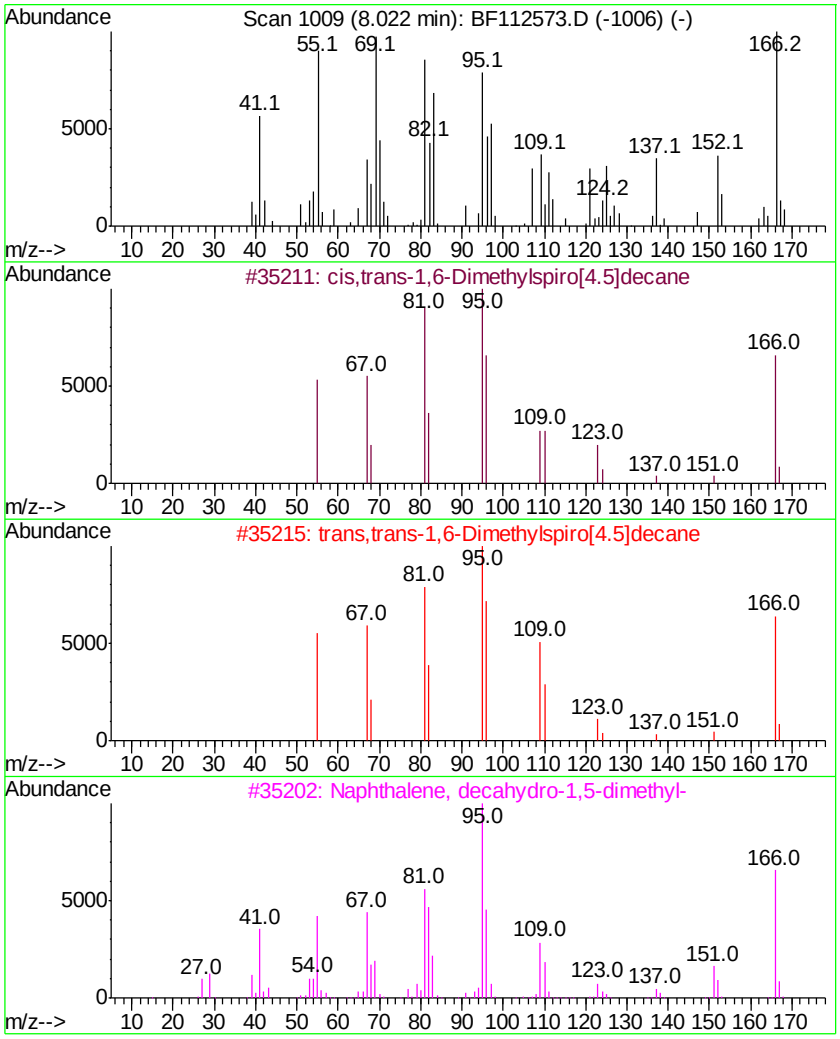
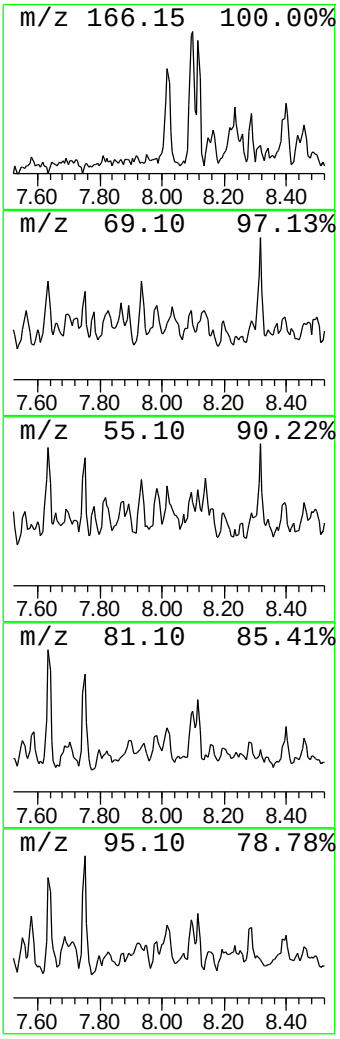
Peak Number 17 cis,trans-1,6-Dimethylspiro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	3.79 ng	191733	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	50
2	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	50
3	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	43
4	Cyclohexene,3-hexyl-	166	C12H22	015232-78-7	42
5	Iridomyrmecin	168	C10H16O2	000485-43-8	38





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Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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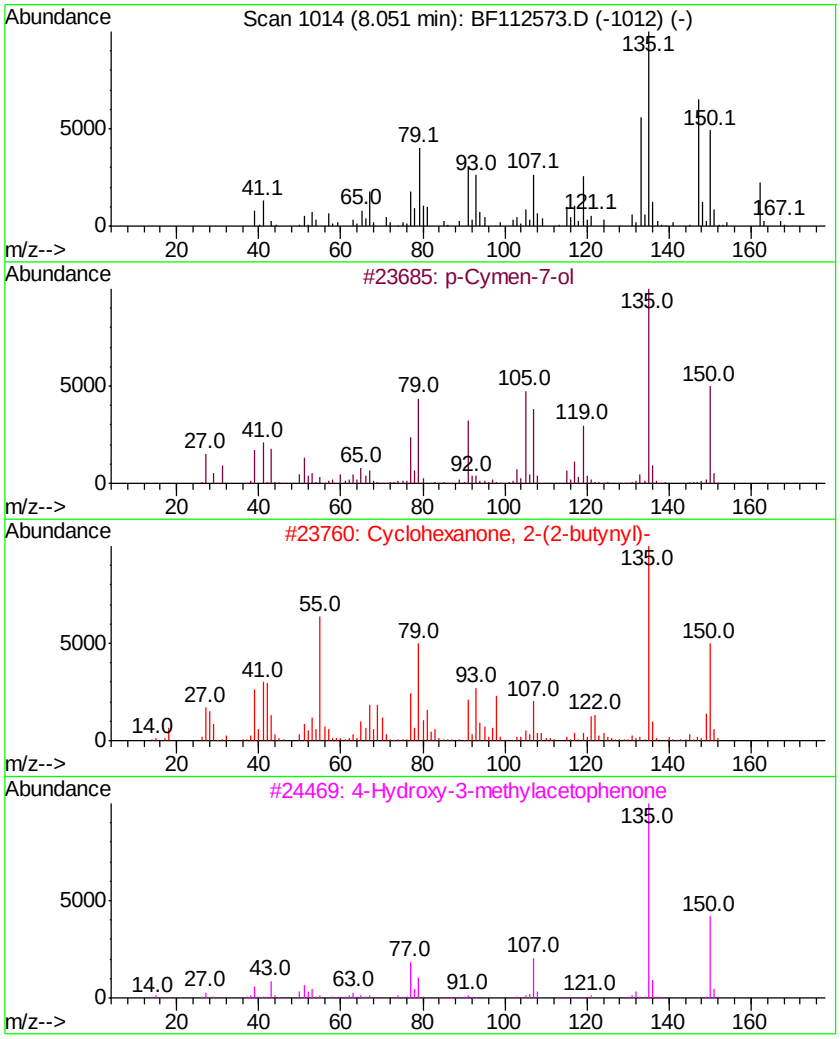
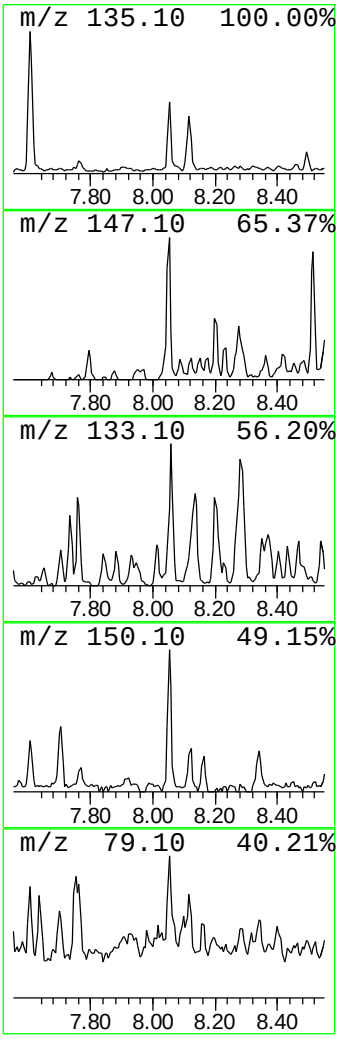
Peak Number 18 p-Cymen-7-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	5.20 ng	262835	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymen-7-ol	150	C10H14O	000536-60-7	83
2	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	55
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	50
4	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	46
5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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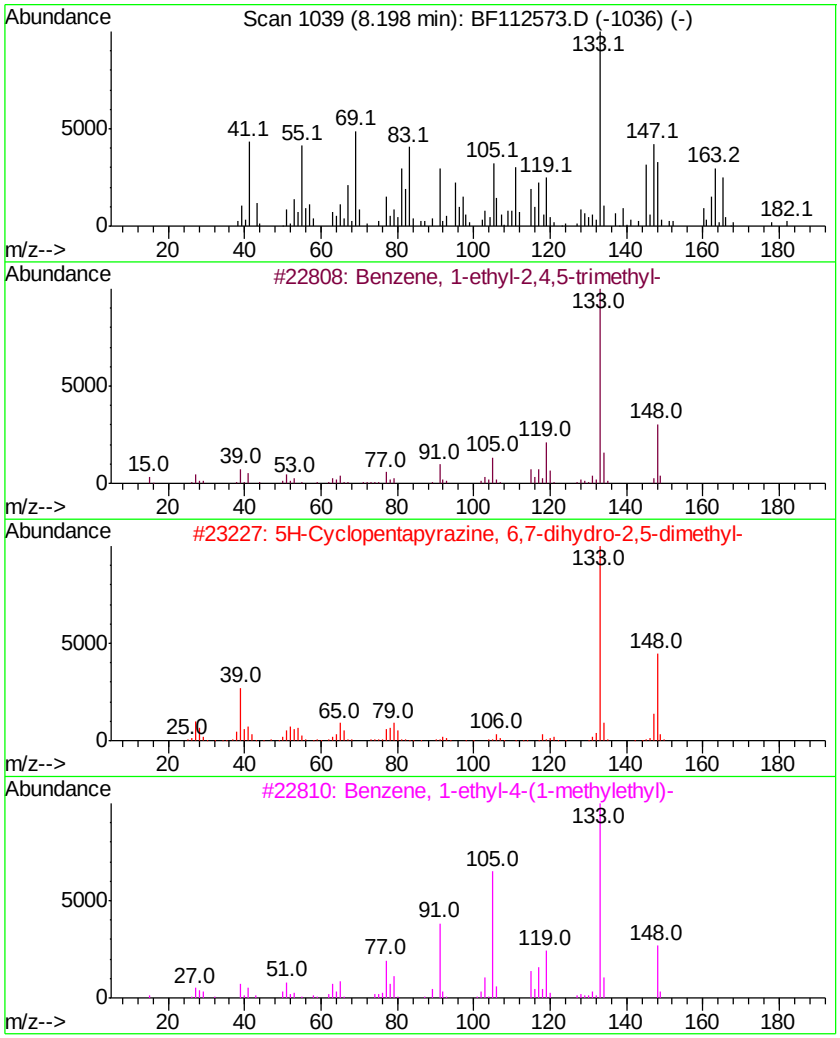
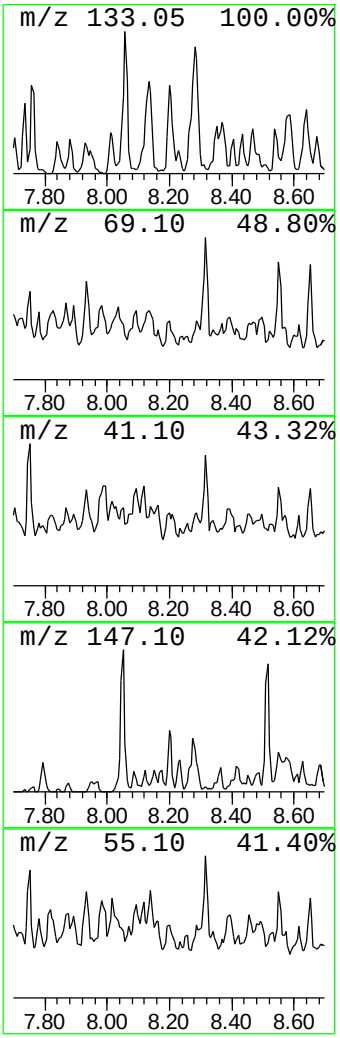
Peak Number 19 unknown8.20 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.22 ng	213634	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
2	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	42
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	41
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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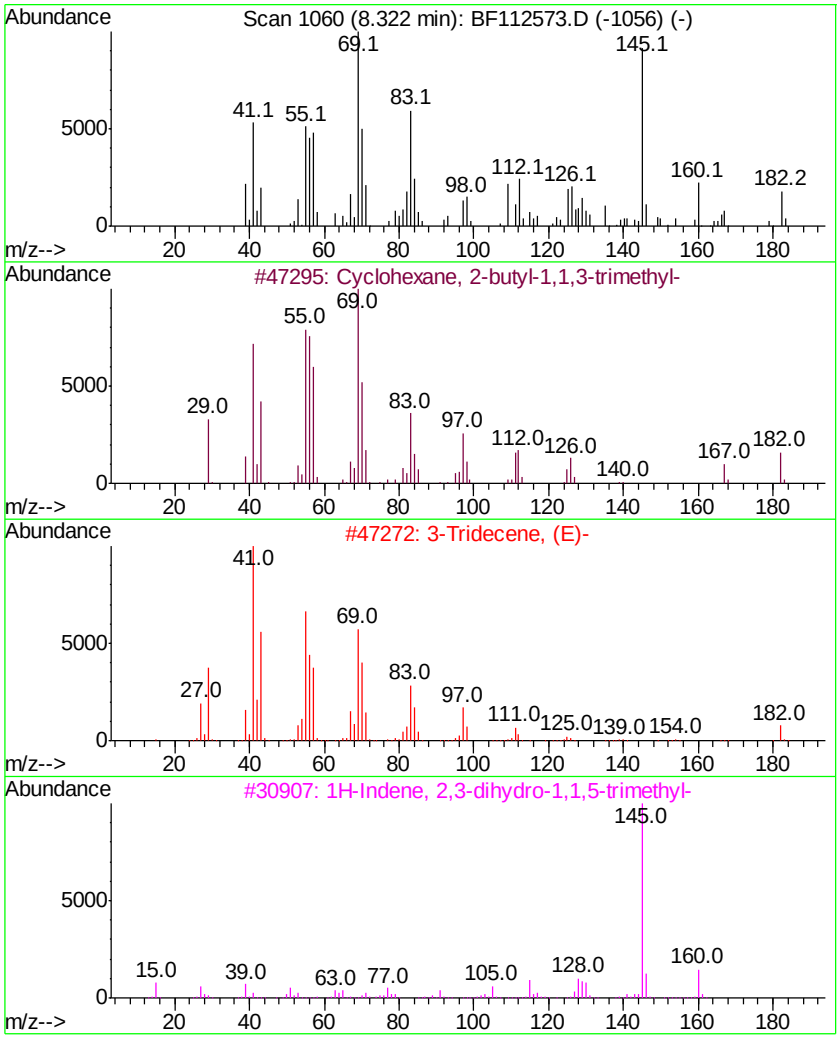
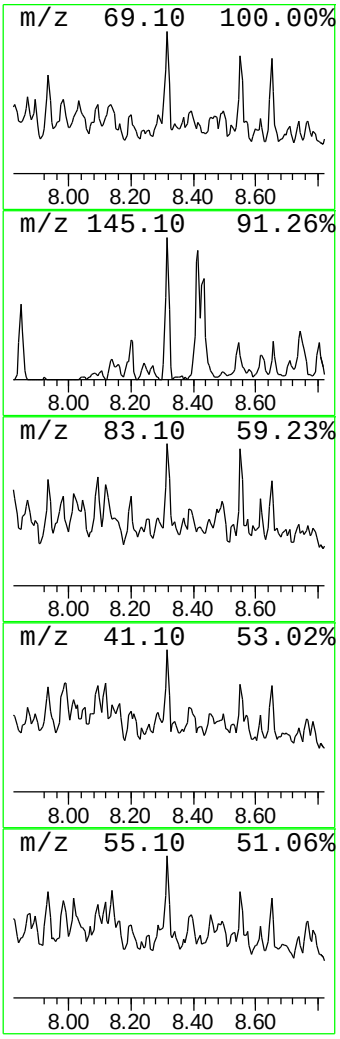
Peak Number 20 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	3.81 ng	192719	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
2	3-Tridecene, (E)-	182	C13H26	041446-57-5	58
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	53
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	46
5	3-Tridecene, (Z)-	182	C13H26	041446-53-1	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021419\
Data File : BF112573.D
Acq On : 14 Feb 2019 17:41
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Cyclohexane, 1,1,...	5.03	5.6	ng	144278	1	6.83	514144	20.0
Cyclohexane, 1-et...	5.85	5.9	ng	150627	1	6.83	514144	20.0
Heptane, 3-ethyl-...	6.13	4.5	ng	114912	1	6.83	514144	20.0
Bicyclo[2.2.2]oct...	6.26	4.8	ng	123954	1	6.83	514144	20.0
4-Octene, 2,6-dim...	6.36	19.8	ng	509932	1	6.83	514144	20.0
unknown6.61	6.61	60.1	ng	1544170	1	6.83	514144	20.0
3-Octyne	6.92	6.5	ng	166466	1	6.83	514144	20.0
2-Decene, 4-methy...	7.10	10.4	ng	268693	1	6.83	514144	20.0
Naphthalene, deca...	7.22	7.6	ng	195338	1	6.83	514144	20.0
2H-Pyran, tetrahy...	7.25	7.8	ng	199196	1	6.83	514144	20.0
unknown7.47	7.47	14.6	ng	374963	1	6.83	514144	20.0
Naphthalene, deca...	7.63	7.0	ng	352559	2	8.12	1011390	20.0
unknown7.93	7.93	3.8	ng	190698	2	8.12	1011390	20.0
cis-Decalin, 2-sy...	7.98	4.9	ng	246838	2	8.12	1011390	20.0
cis,trans-1,6-Dim...	8.02	3.8	ng	191733	2	8.12	1011390	20.0
p-Cymen-7-ol	8.05	5.2	ng	262835	2	8.12	1011390	20.0
unknown8.20	8.20	4.2	ng	213634	2	8.12	1011390	20.0
Cyclohexane, 2-bu...	8.32	3.8	ng	192719	2	8.12	1011390	20.0