LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

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_P\METHODS\8270-BP073020.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	2.964	9	13	26	rVB	725301	914504	4.56%	0.650%
2	5.299	403	410	423	rVB	1736611	2602367	12.97%	1.850%
3	6.863	669	676	685	rBV	1632628	2612366	13.02%	1.857%
4	7.693	810	817	827	rBV	1464389	2290359	11.42%	1.629%
5	8.834	1003	1011	1016	rBV	1203308	2027120	10.10%	1.441%
6	9.110	1053	1058	1067	rVB3	164585	366031	1.82%	0.260%
7	9.681	1146	1155	1161	rBV5	143267	403879	2.01%	0.287%
8	9.857	1178	1185	1190	rBV	275374	483094	2.41%	0.343%
9	10.016	1204	1212	1227	rBV4	306733	1013929	5.05%	0.721%
10	10.340	1260	1267	1272	rBV4	171580	379871	1.89%	0.270%
11	10.410	1272	1279	1283	rVV5	169311	453557	2.26%	0.322%
12	10.469	1283	1289	1295	rVV	1775183	3060031	15.25%	2.176%
13	10.534	1295	1300	1305	rVB4	248150	471507	2.35%	0.335%
14	10.651	1316	1320	1328	rVB3	236482	444094	2.21%	0.316%
15	10.793	1333	1344	1351	rBV3	322917	993810	4.95%	0.707%
16	10.869	1352	1357	1361	rVV2	148114	339800	1.69%	0.242%
17	10.940	1364	1369	1375	rVB2	299037	624297	3.11%	0.444%
18	11.175	1400	1409	1415	rBV8	287642	874372	4.36%	0.622%
19	11.240	1415	1420	1428	rVB3	357337	755728	3.77%	0.537%
20	11.440	1449	1454	1460	rVB	362129	596049	2.97%	0.424%
21	11.575	1472	1477	1484	rVB8	236023	522275	2.60%	0.371%
22	11.646	1485	1489	1491	rBV2	191741	271935	1.36%	0.193%
23	12.163	1571	1577	1583	rBV3	248375	606715	3.02%	0.431%
24	12.410	1614	1619	1626	rBV4	713329	1618315	8.07%	1.151%
25	12.481	1627	1631	1633	rBV3	420576	618865	3.08%	0.440%
26	12.781	1679	1682	1687	rVB4	539140	816665	4.07%	0.581%
27	12.951	1706	1711	1716	rBV	2963421	4350823	21.69%	3.094%
28	13.128	1738	1741	1745	rVB	550425	706325	3.52%	0.502%
29	13.616	1821	1824	1829	rVB5	709992	1059914	5.28%	0.754%
30	13.769	1847	1850	1854	rVB2	1321257	1632411	8.14%	1.161%
31	14.087	1901	1904	1907	rBV2	1041009	1678097	8.36%	1.193%
32	14.181	1916	1920	1927	rVB2	2238153	3777106	18.83%	2.686%
33	14.328	1939	1945	1951	rBV4	3313789	8173362	40.74%	5.811%
34	21.174	3106	3109	3114	rBV3	5012149	8997345	44.84%	6.397%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

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_P\METHODS\8270-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.227	3115	3118	3127	rVB	6207099	8650700	43.12%	6.151%
36	22.763	3372	3379	3384	rBV	8100180	20063266	100.00%	14.266%
37	23.245	3455	3461	3469	rVB	5629058	10967934	54.67%	7.799%
38	23.339	3471	3477	3485	rVV	6300712	12255593	61.08%	8.714%
39	23.439	3488	3494	3498	rVV2	2847928	5951144	29.66%	4.231%
40	23.486	3499	3502	3515	rVB2	1798924	3465120	17.27%	2.464%
41	25.733	3875	3884	3896	rVB2	3964048	12387832	61.74%	8.808%
42	26.433	3994	4003	4020	rVB	3226638	10362907	51.65%	7.368%

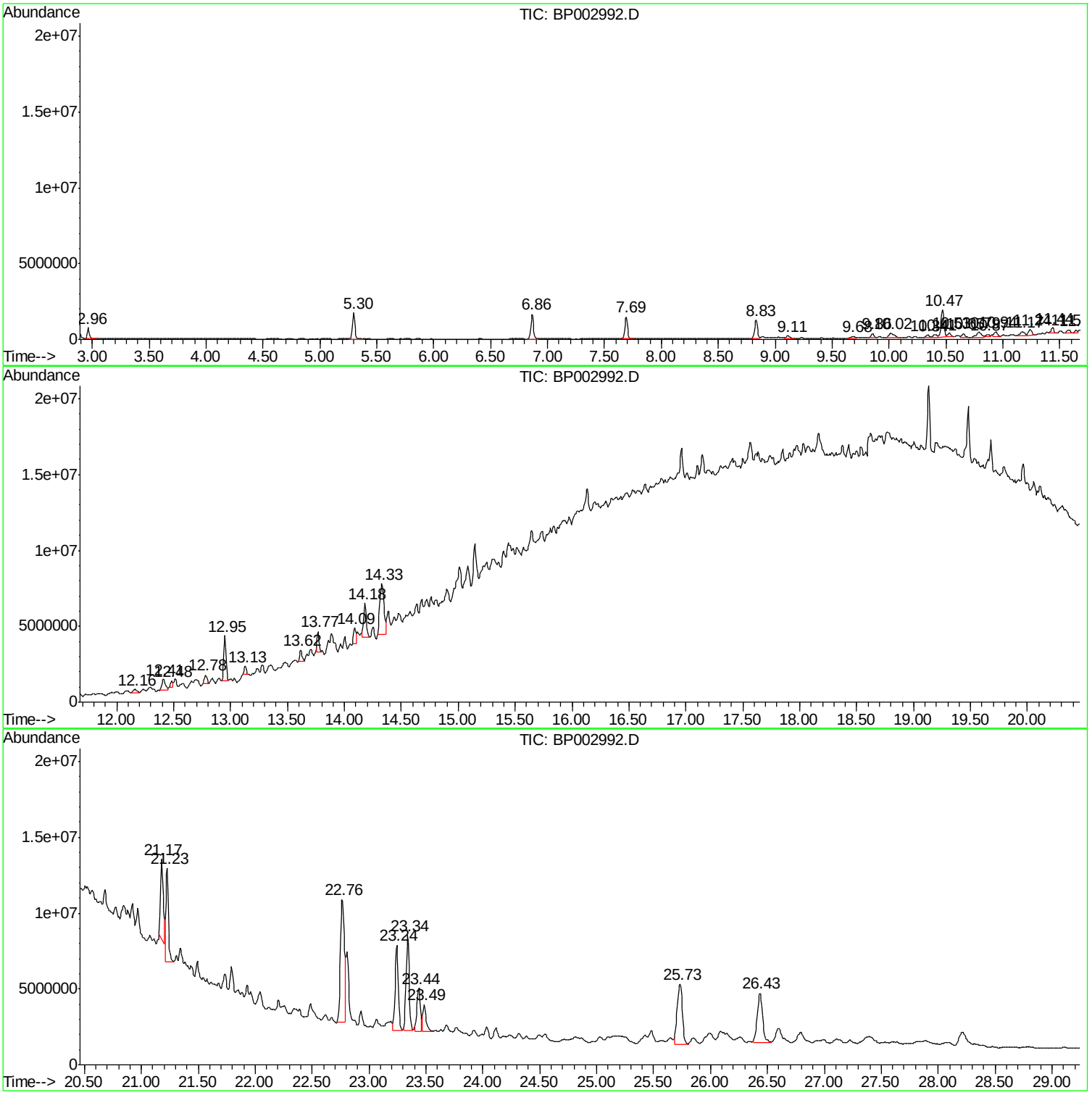
Sum of corrected areas: 140641414

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

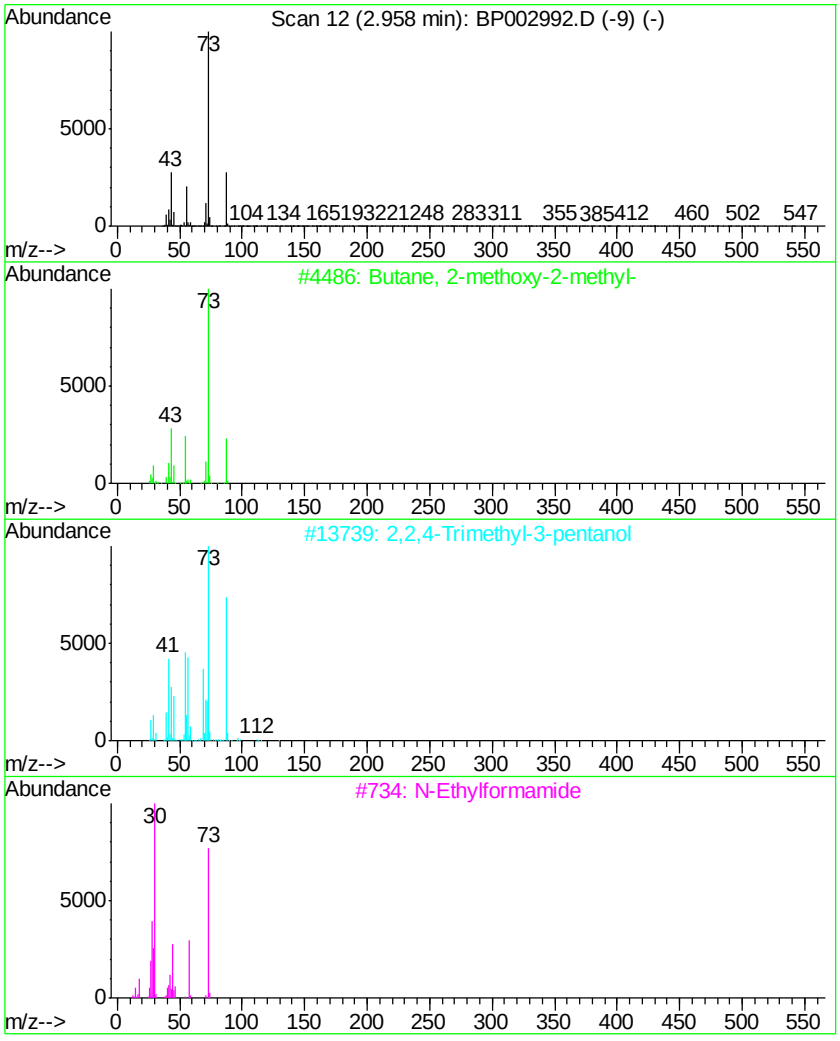
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

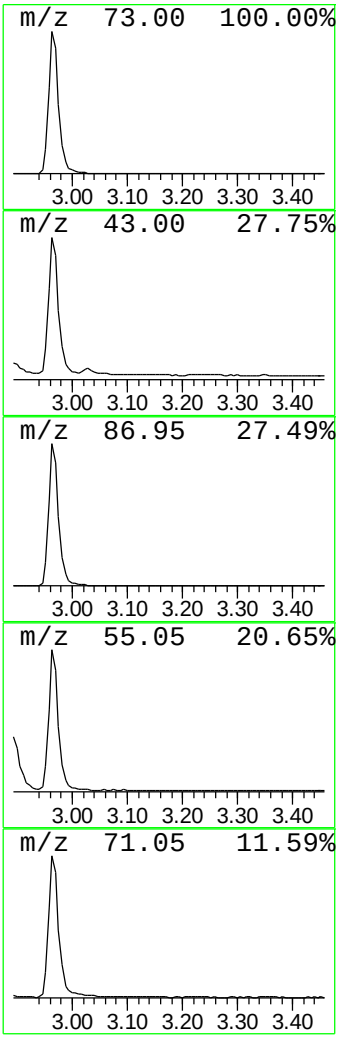
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	7.99 ng	914504	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

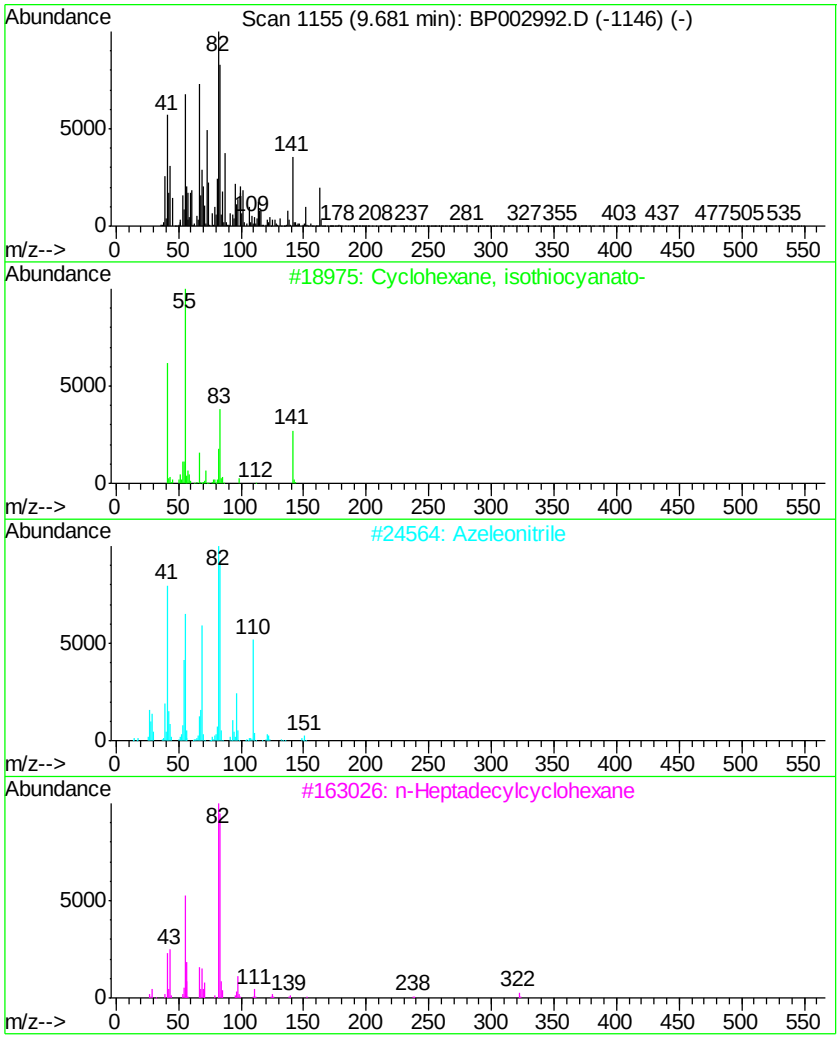
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

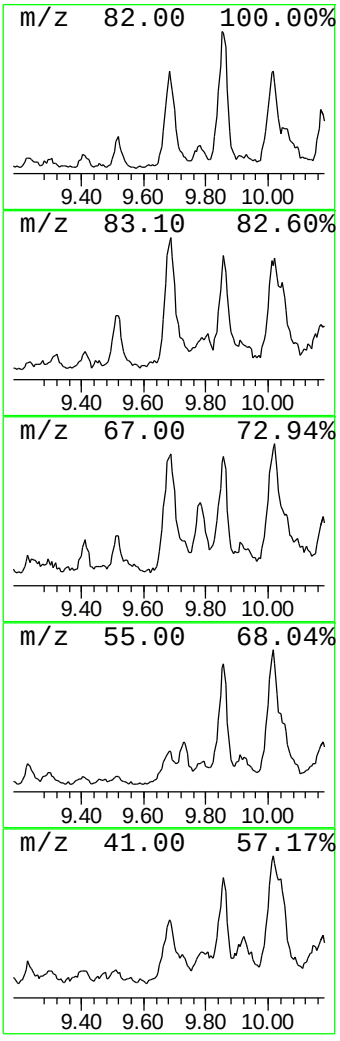
****

Peak Number 2 unknown9.68 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.64 ng	403879	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	43
2	Azeleonitrile	150	C9H14N2	001675-69-0	38
3	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	38
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	38
5	Cyclobuta[1,2:3,4]dicyclooctene,...	220	C16H28	017385-55-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

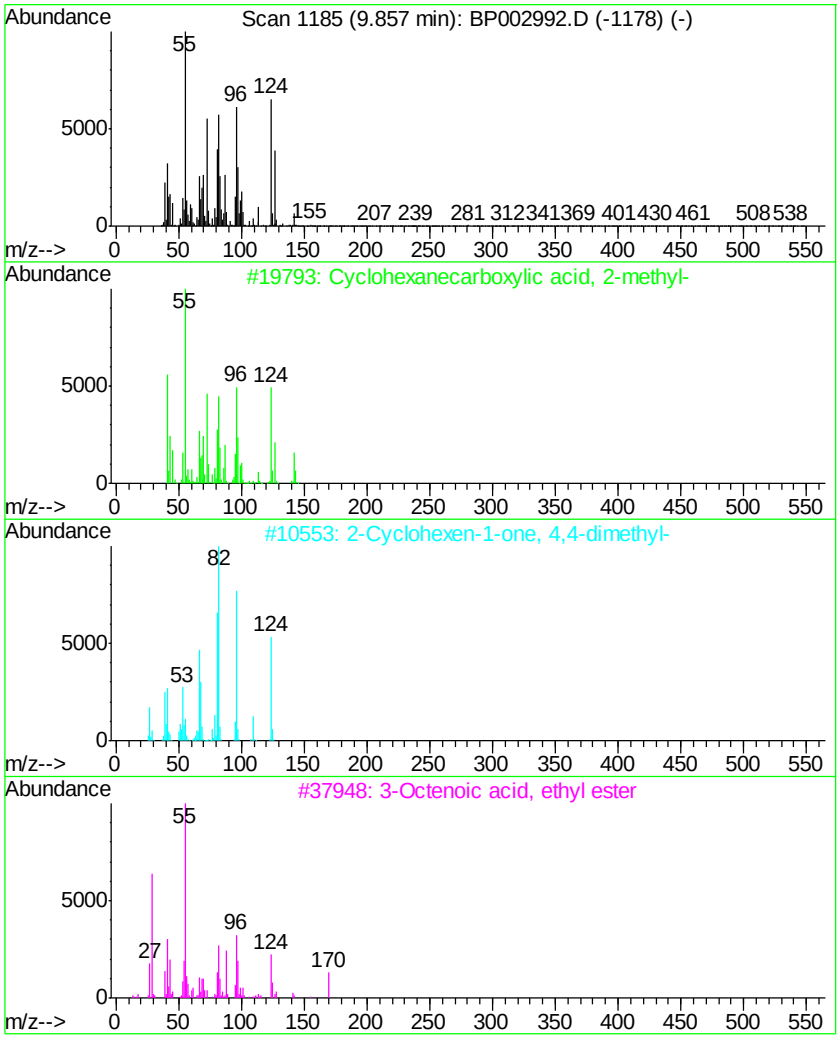
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

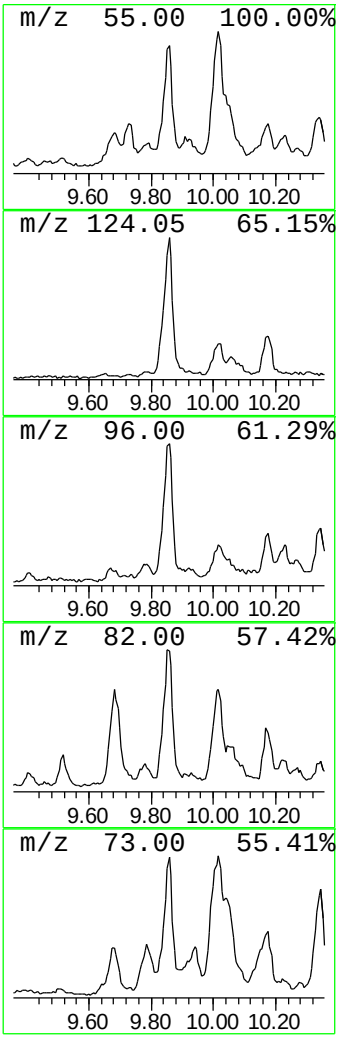
****

Peak Number 3 Cyclohexanecarboxylic acid,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	3.16 ng	483094	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 2-me...	142	C8H14O2	056586-13-1	80
2	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	55
3	3-Octenoic acid, ethyl ester	170	C10H18O2	001117-65-3	38
4	Fumaric acid, dicyclohexylmethyl...	308	C18H28O4	1000345-05-9	27
5	2-Cyclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

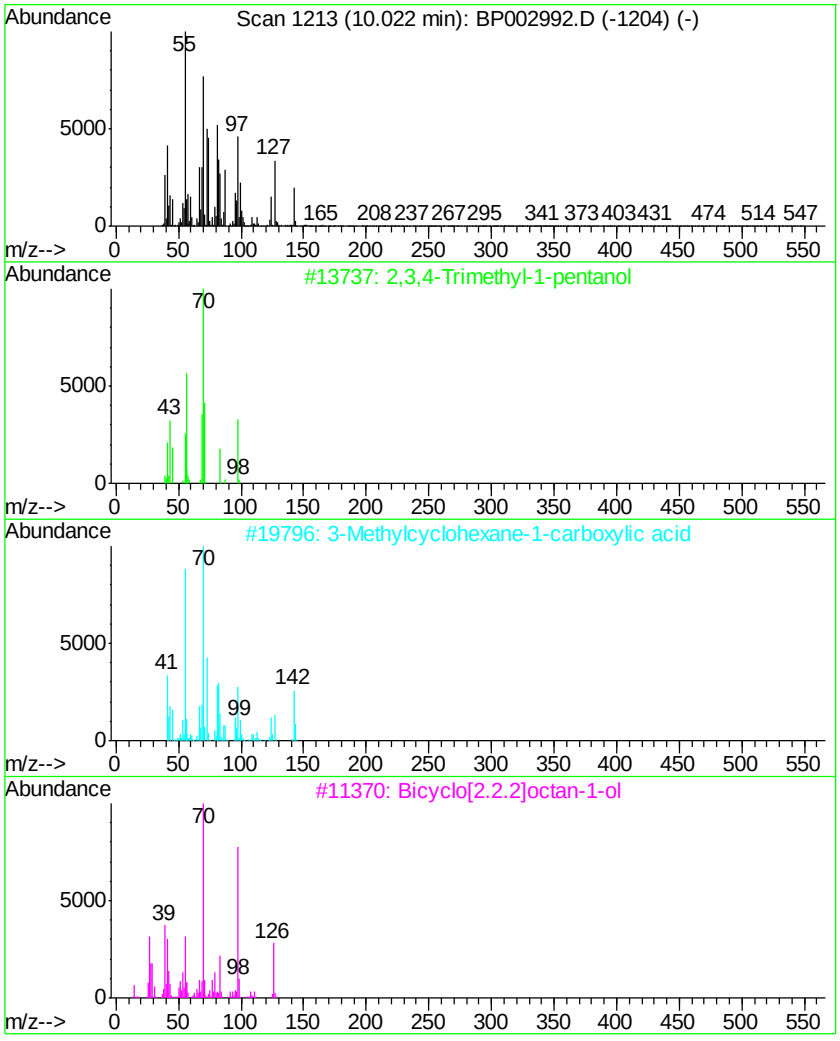
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

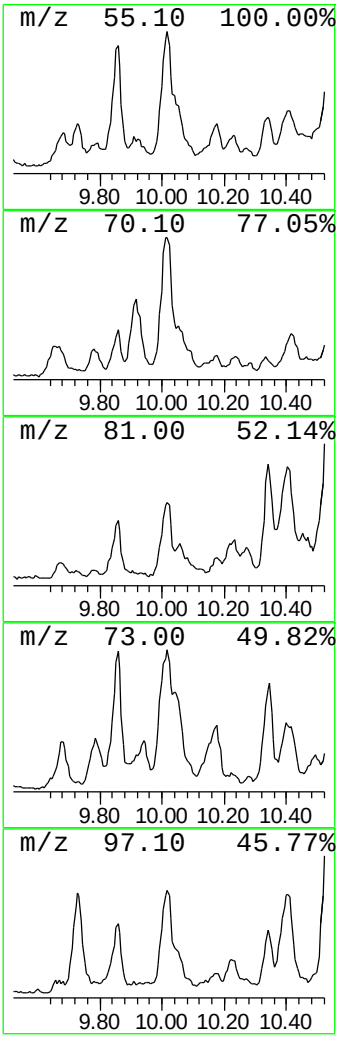
****

Peak Number 4 unknown10.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	6.63 ng	1013930	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trimethyl-1-pentanol	130	C8H18O	006570-88-3	35
2	3-Methylcyclohexane-1-carboxylic...	142	C8H14O2	1000132-15-7	35
3	Bicyclo[2.2.2]octan-1-ol	126	C8H14O	020534-58-1	35
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	27
5	Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

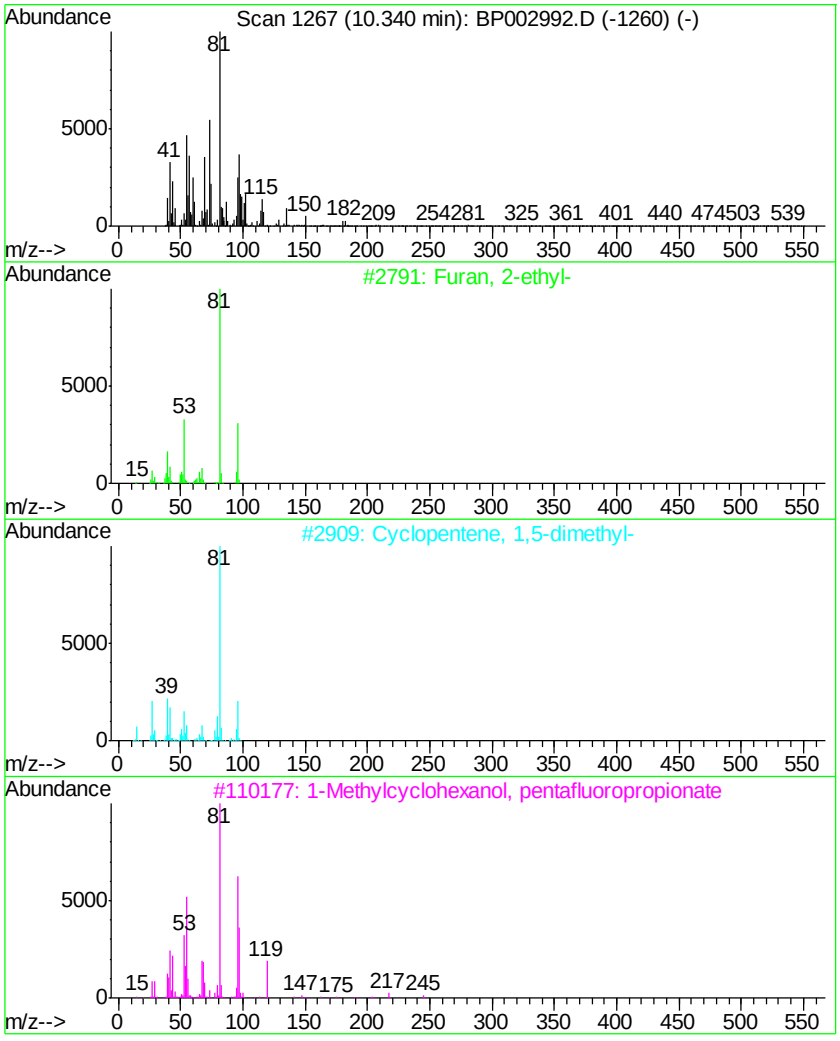
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

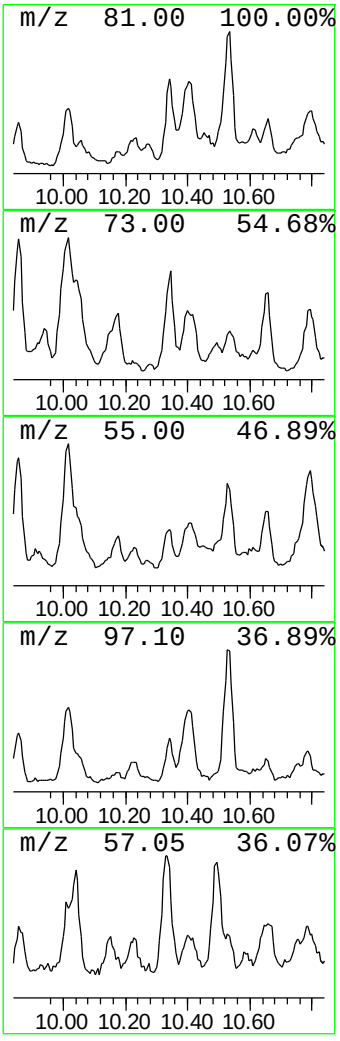
****

Peak Number 5 unknown10.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.48 ng	379871	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	43
3	1-Methylcyclohexanol, pentafluor...	260	C10H13F5O2	1000376-25-4	38
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38
5	cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

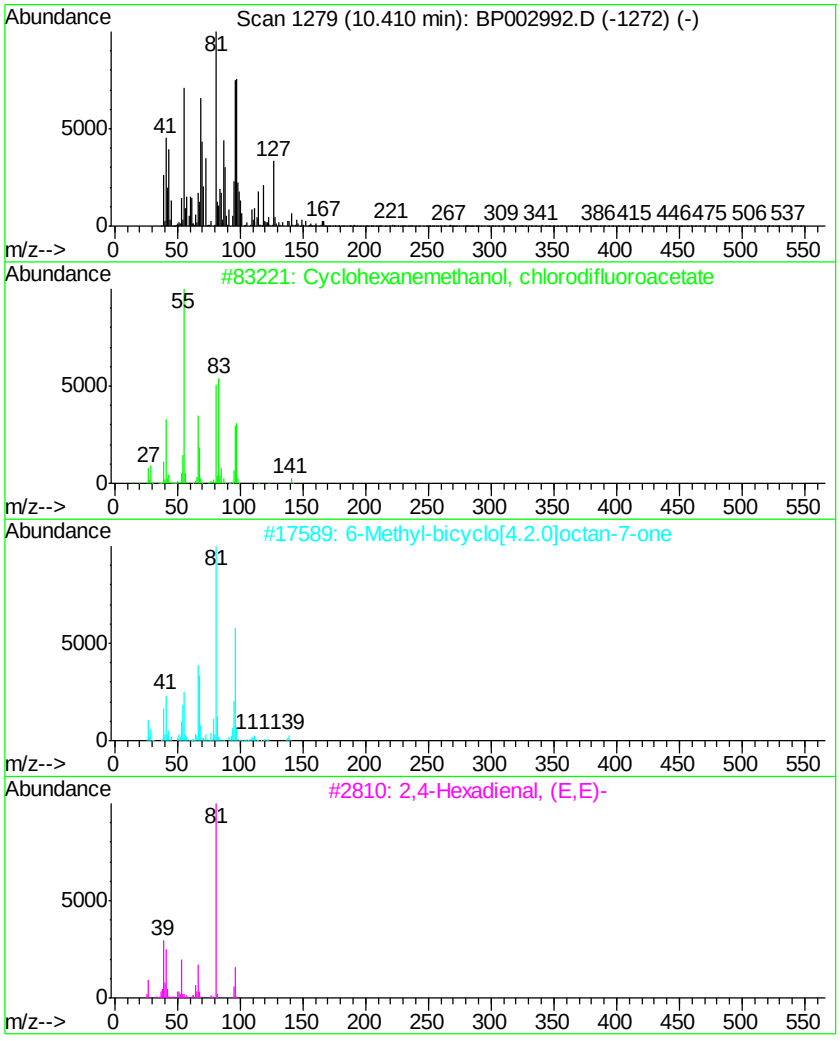
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

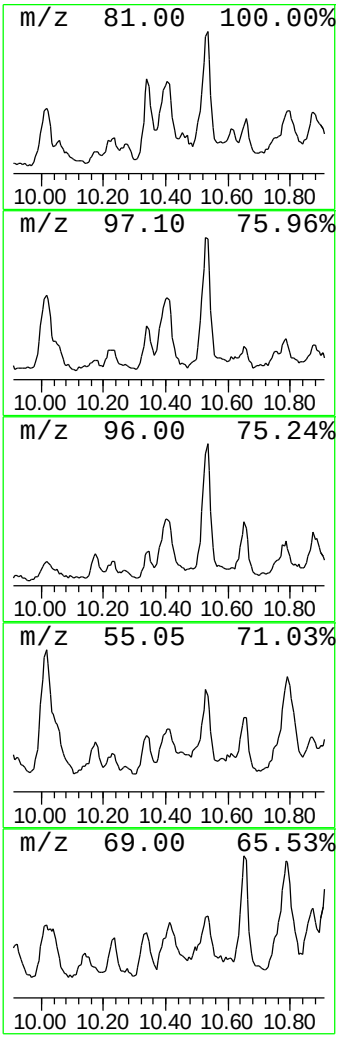
****

Peak Number 6 Cyclohexanemethanol, chloro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.96 ng	453557	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, chlorodiflu...	226	C9H13ClF2O2	1000376-25-9	50
2	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	38
3	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	38
4	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	38
5	1,1'-Bicycloheptyl	194	C14H26	023183-11-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

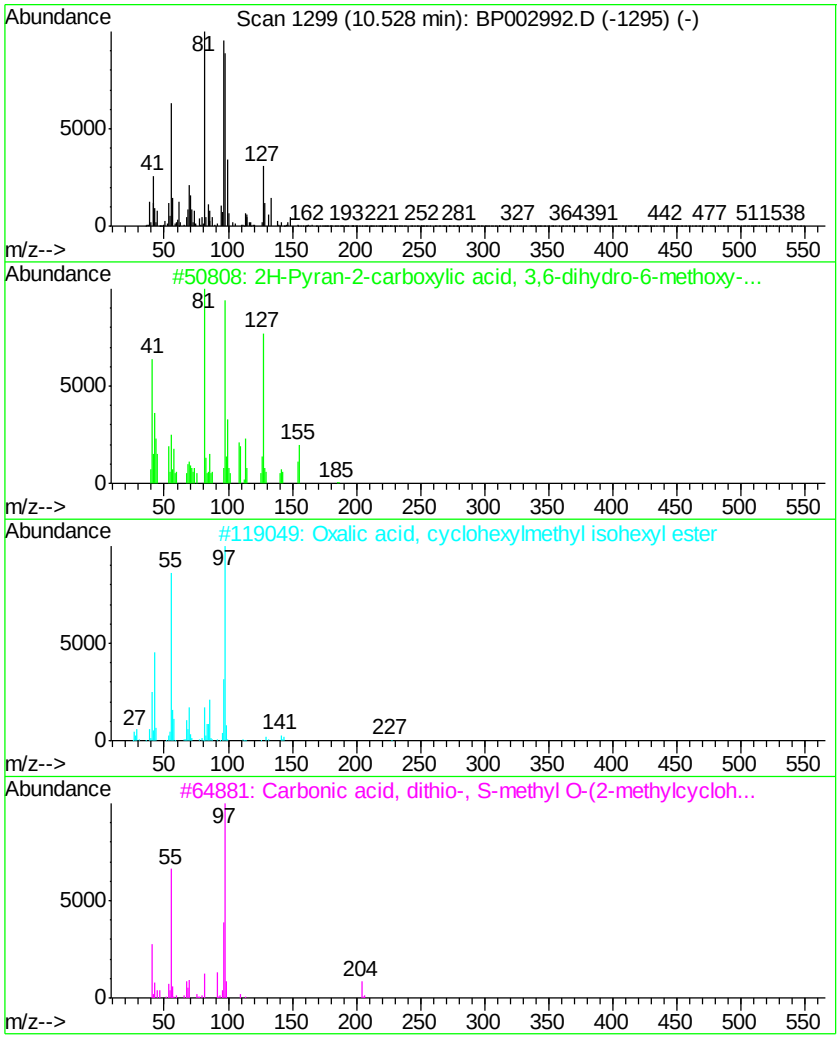
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

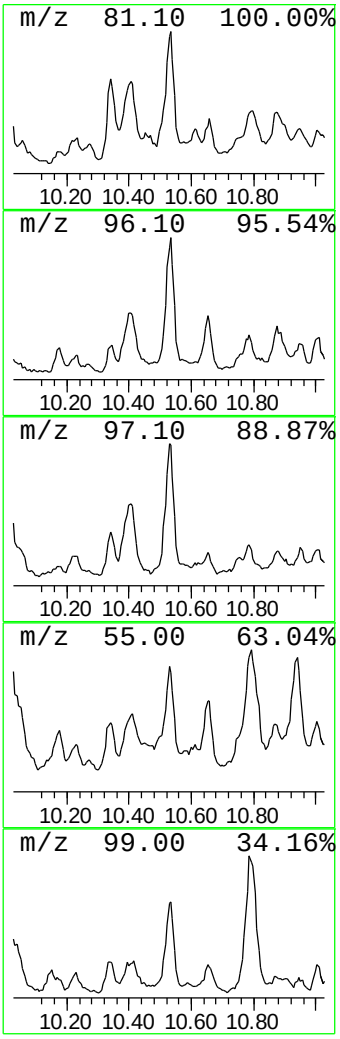
****

Peak Number 7 unknown10.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.08 ng	471507	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-carboxylic acid, 3,6-...	186	C9H14O4	025556-18-7	40
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	14
3	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	14
4	Bis(2-furfuryl)disulfide	226	C10H10O2S2	004437-20-1	10
5	Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

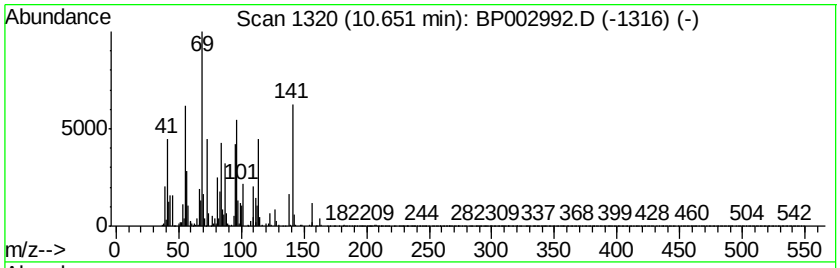
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

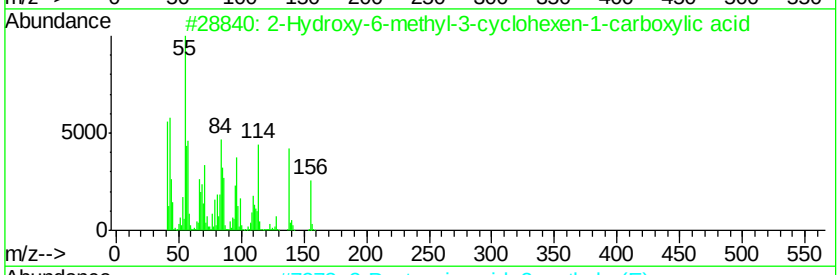
****

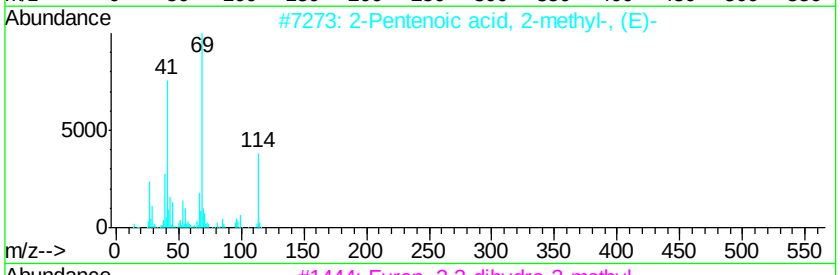
Peak Number 8 unknown10.65 Concentration Rank 17

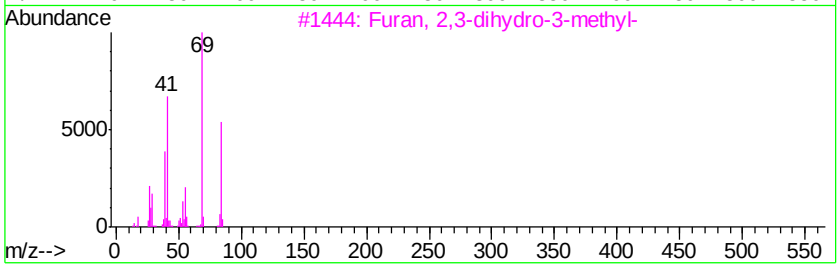
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.90 ng	444094	Naphthalene-d8	10.47

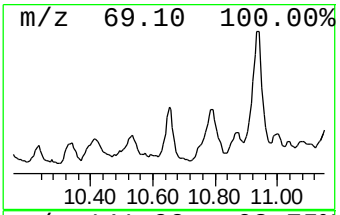
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-6-methyl-3-cyclohexen-...	156	C8H12O3	1000132-13-5	27
2	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	25
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	22
4	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	22
5	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	22

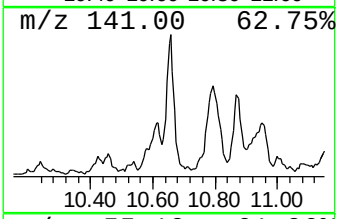


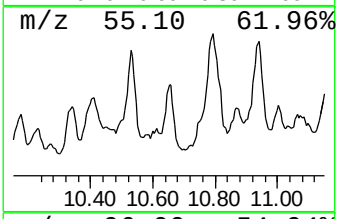


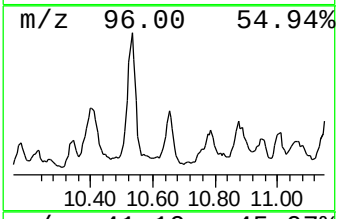


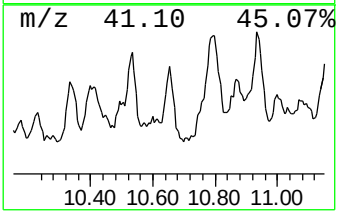












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

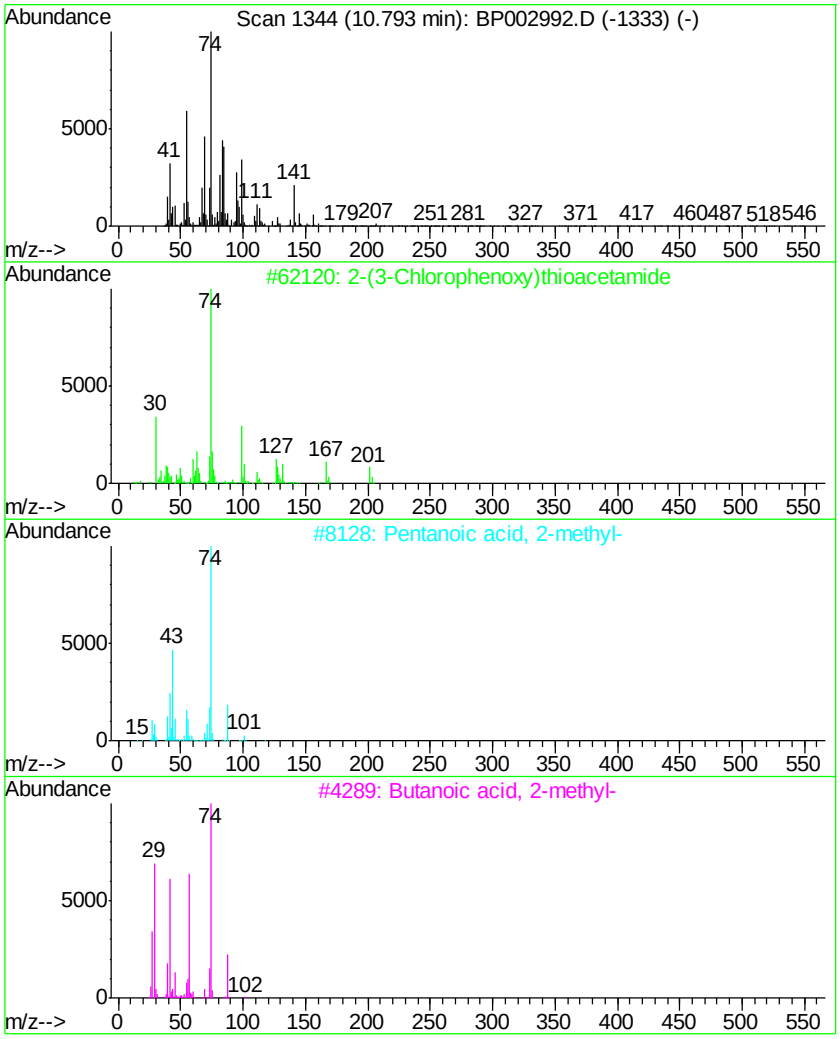
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

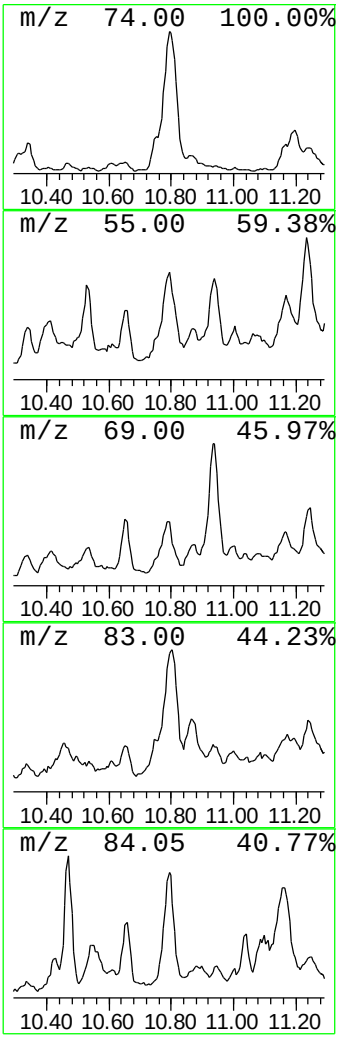
****

Peak Number 9 unknown10.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	6.50 ng	993810	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Chlorophenoxy)thioacetamide	201	C8H8ClNOS	035370-95-7	23
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	22
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	22
4	13-Tetradecynoic acid, methyl ester	238	C15H26O2	056909-03-6	16
5	2-Pentenal, (E)-	84	C5H8O	001576-87-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

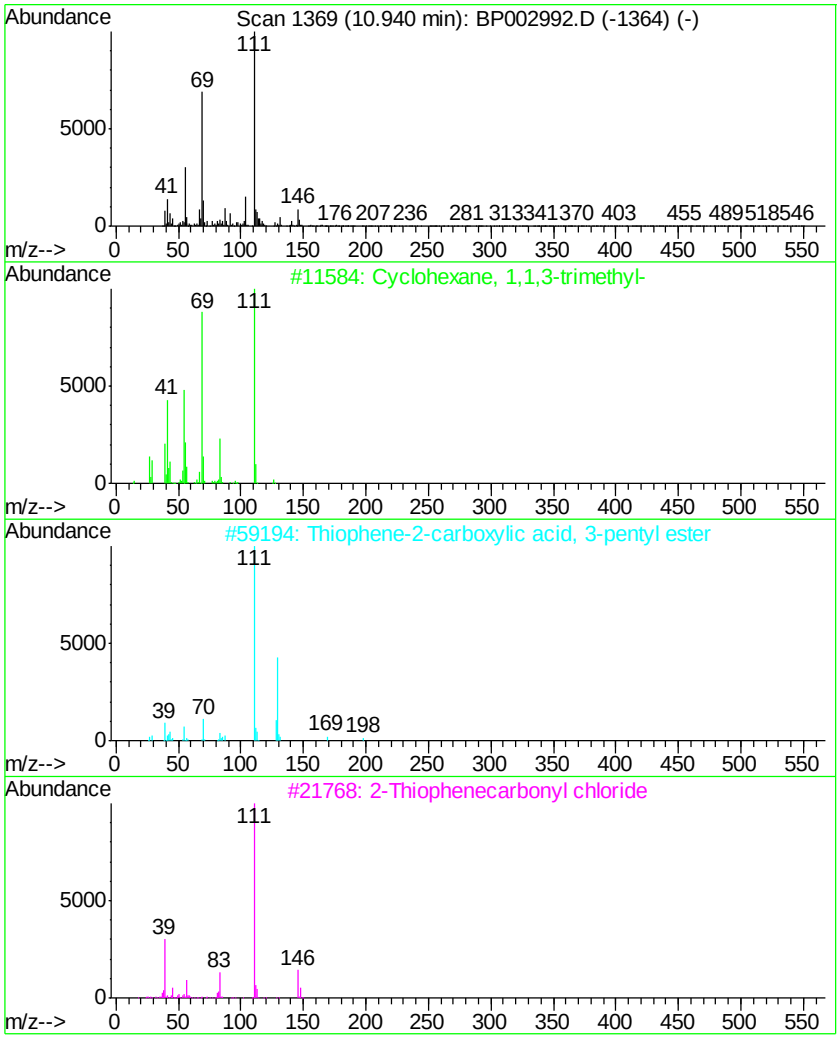
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

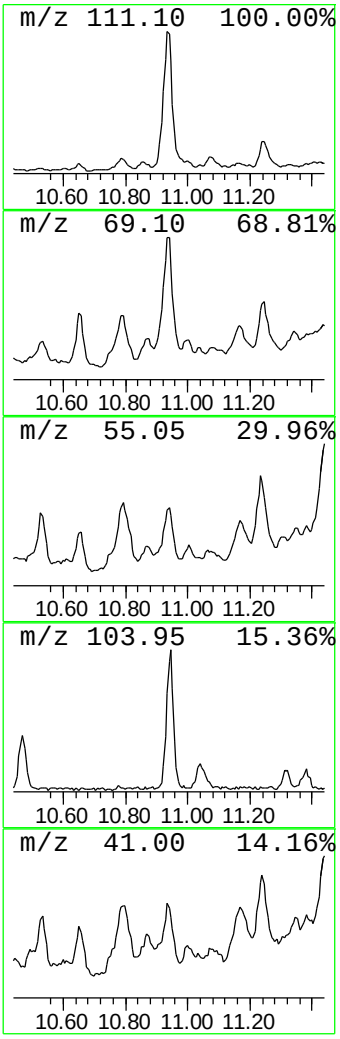
****

Peak Number 10 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	4.08 ng	624297	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
2	Thiophene-2-carboxylic acid, 3-p...	198	C10H14O2S	1000325-72-8	53
3	2-Thiophenecarbonyl chloride	146	C5H3ClOS	005271-67-0	50
4	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	50
5	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

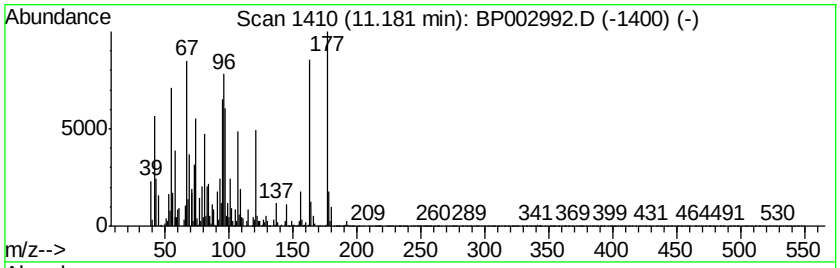
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

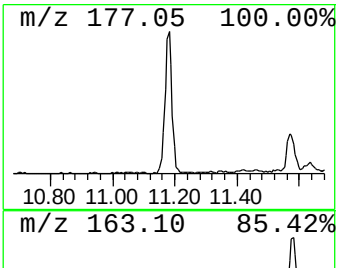
****

Peak Number 11 unknown11.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.71 ng	874372	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, propargyl cyclohe...	196	C11H16O3	1000357-91-0	27
2	2-Furancarboxylic acid, 1-cyclop...	208	C12H16O3	1000278-83-6	27
3	1-Bromo-1-bromomethyl-cyclohexane	254	C7H12Br2	022690-21-7	27
4	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	20
5	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

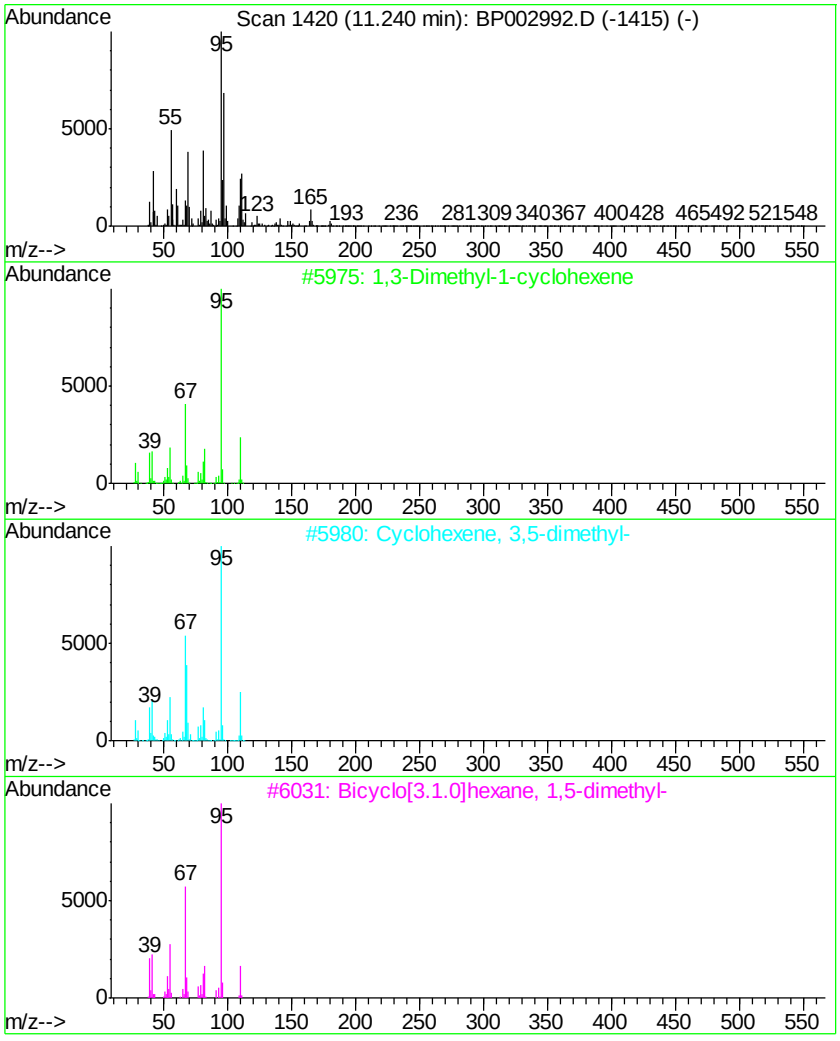
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

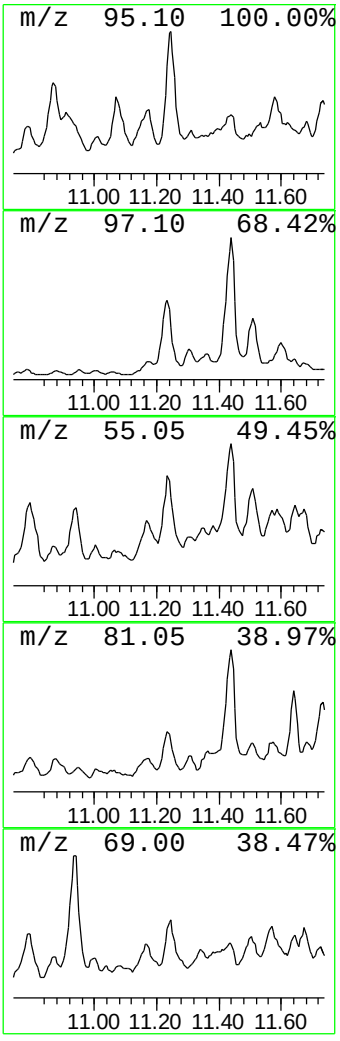
****

Peak Number 12 unknown11.24 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	4.94 ng	755728	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	35
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	35
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	35
5	5,6-Dibromo-5-methyl-hex-1-ene	254	C7H12Br2	1000192-24-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

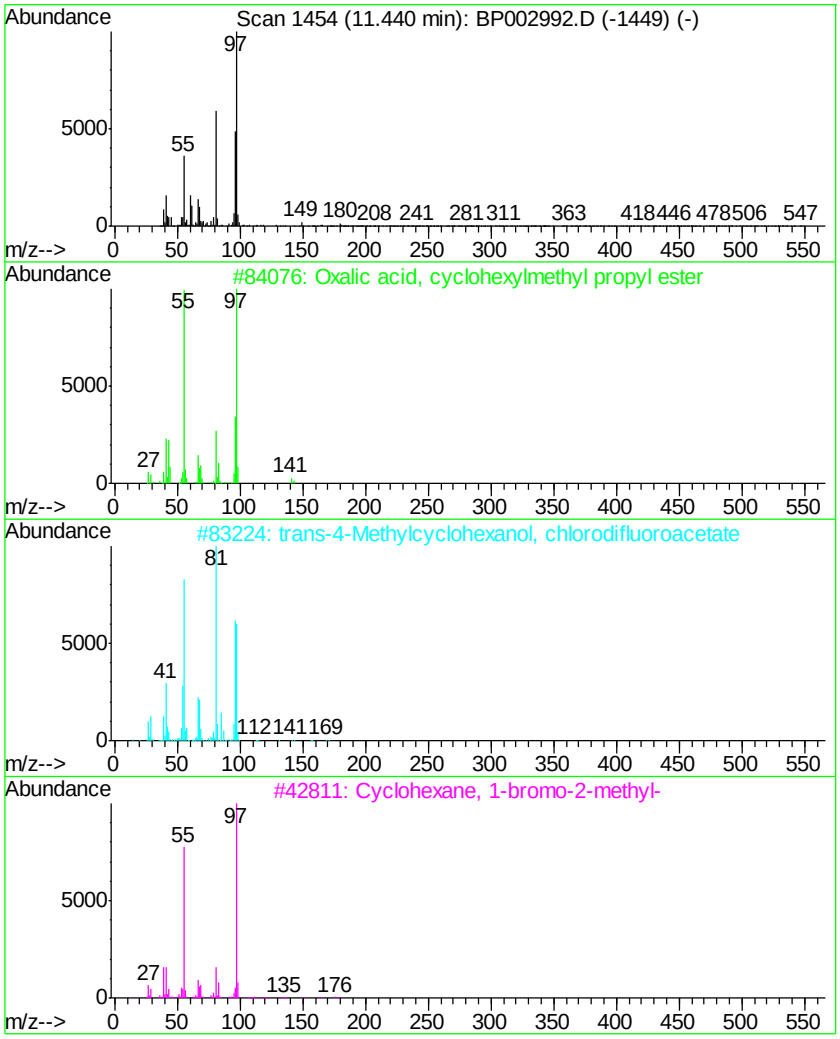
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

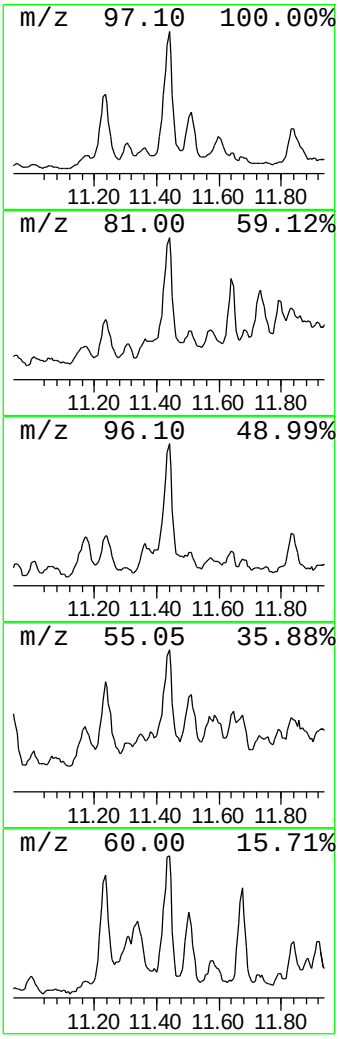
****

Peak Number 13 Oxalic acid, cyclohexylmeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.90 ng	596049	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	64
2	trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	47
3	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	40
4	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	40
5	cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

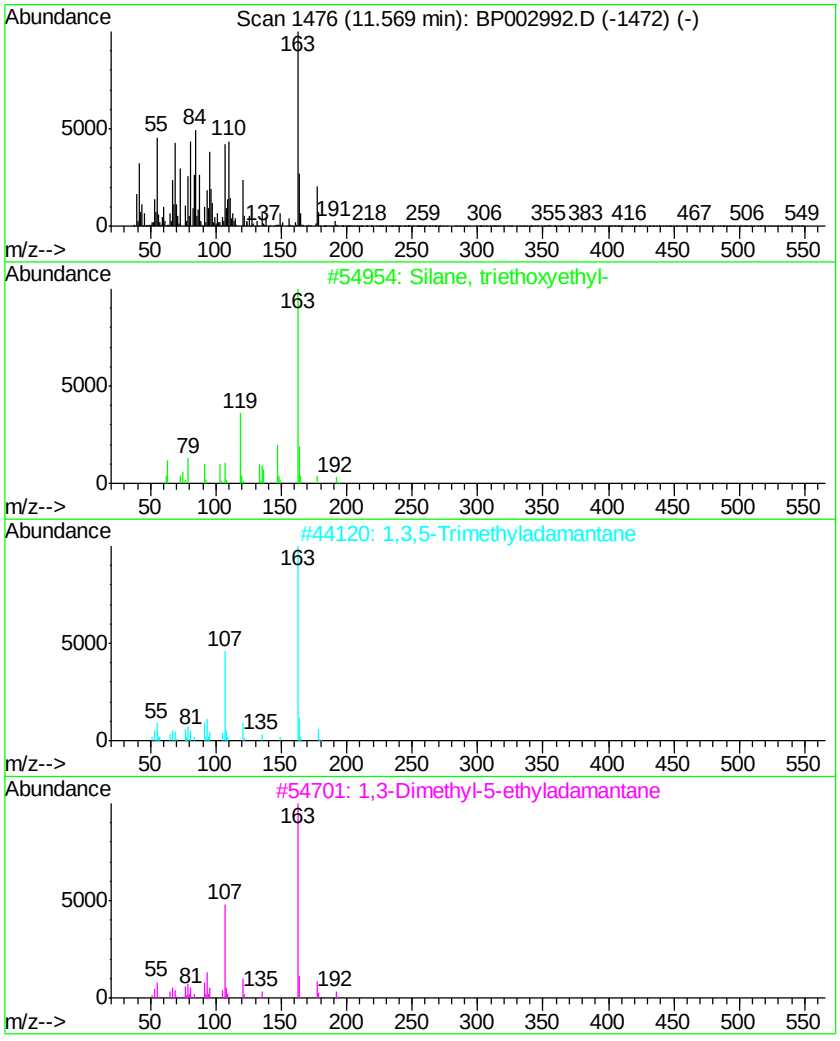
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

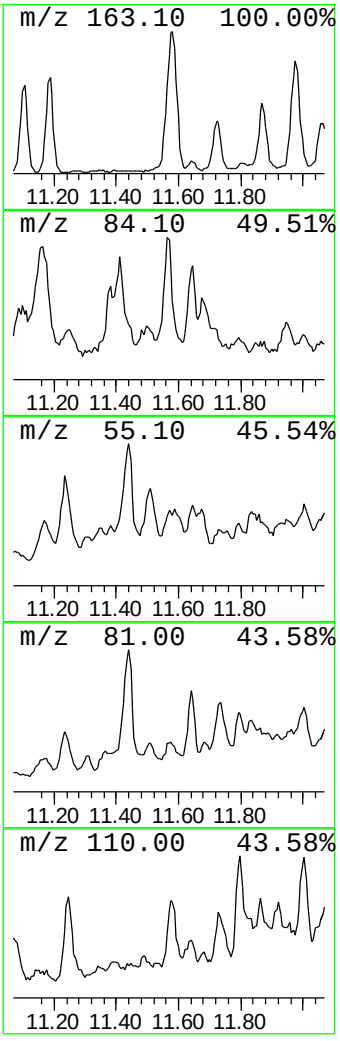
****

Peak Number 14 unknown11.57 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.41 ng	522275	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, triethoxyethyl-	192	C8H20O3Si	000078-07-9	35
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	35
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	32
4	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	25
5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

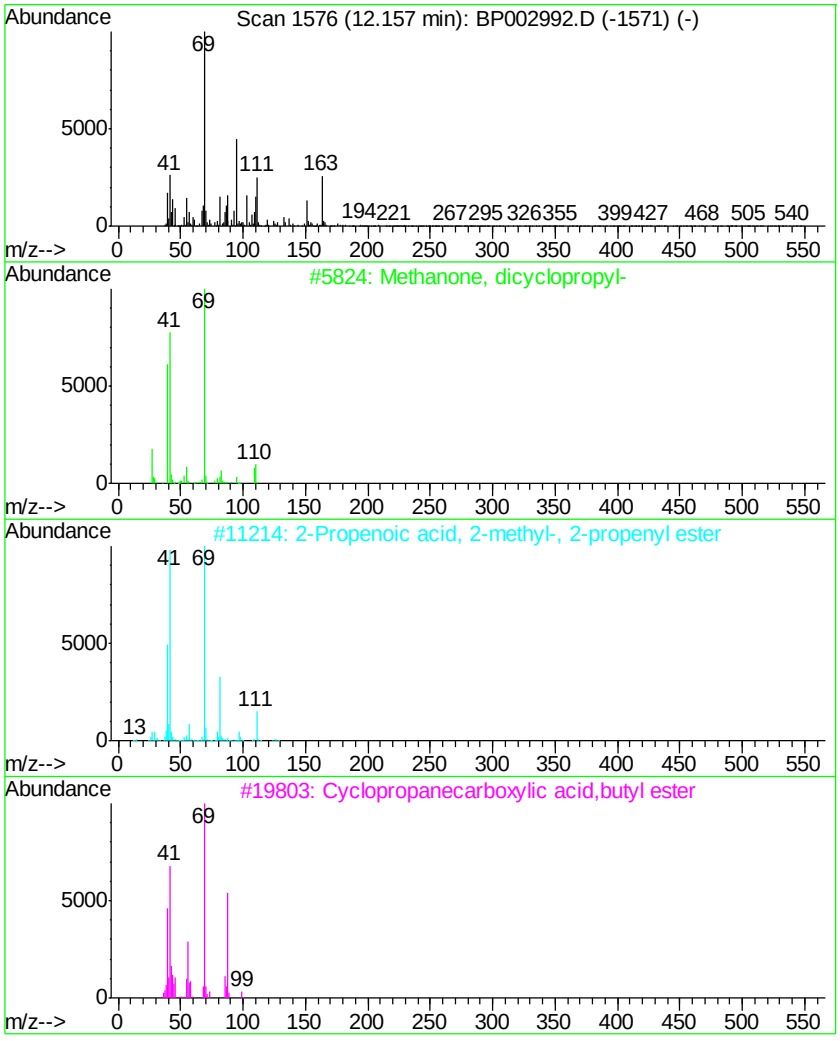
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

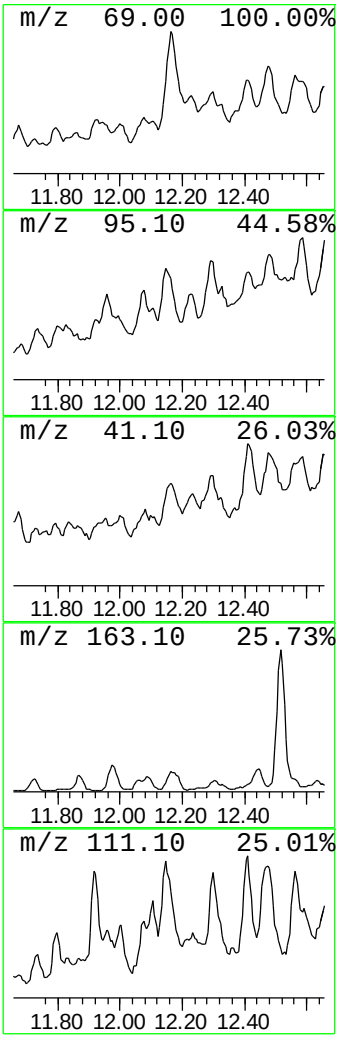
****

Peak Number 15 unknown12.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.97 ng	606715	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
2	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	38
3	Cyclopropanecarboxylic acid,butv...	142	C8H14O2	054947-39-6	38
4	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	38
5	Cyclopropanecarboxylic acid, oct...	196	C12H20O2	1000299-37-7	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

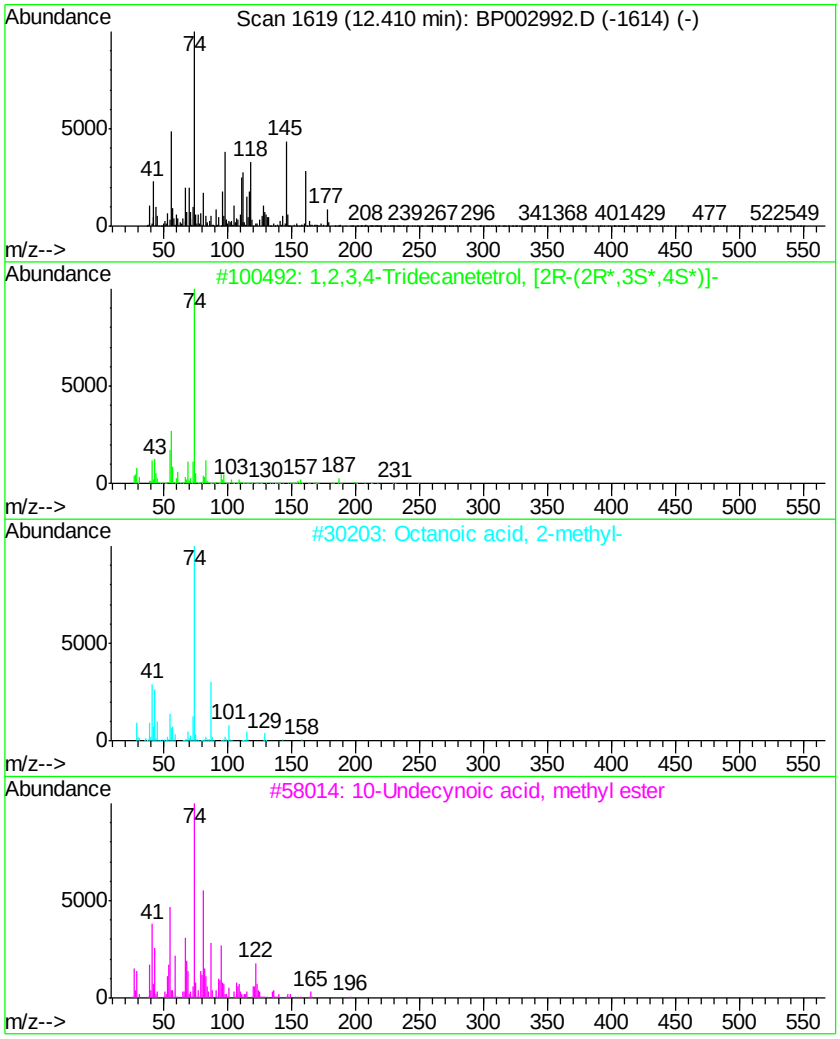
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

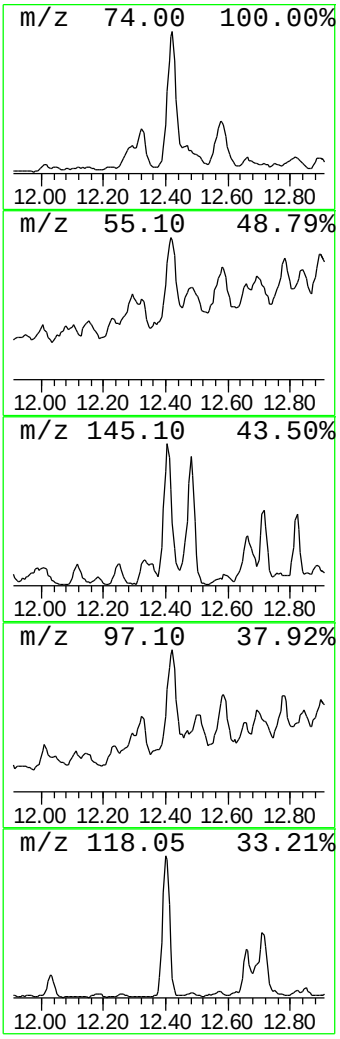
****

Peak Number 16 unknown12.41 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.96 ng	1618320	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tridecanetetrol, [2R-(2R...	248	C13H28O4	136953-03-2	22
2	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	14
3	10-Undecynoic acid, methyl ester	196	C12H20O2	002777-66-4	12
4	5-Heptenoic acid, methyl ester, ...	142	C8H14O2	054004-28-3	12
5	1,2,3,4-Pentadecanetetrol, [2R-(...	276	C15H32O4	136953-05-4	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

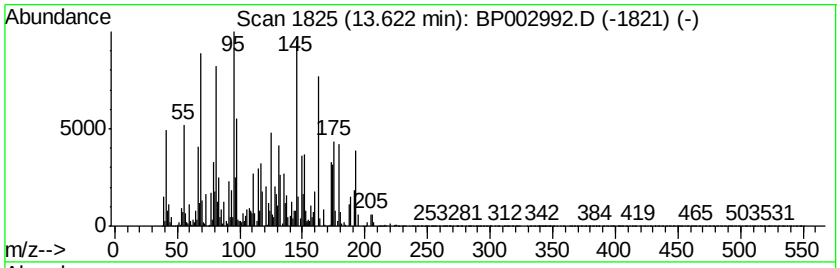
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

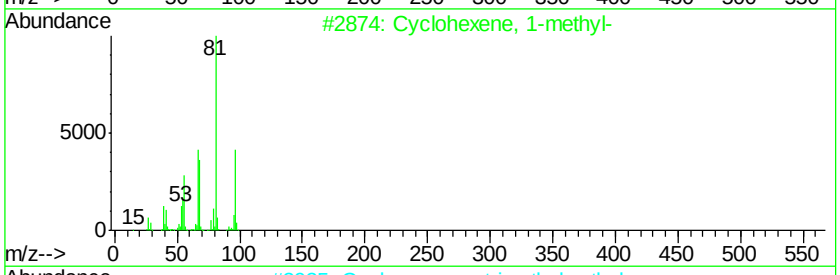
****

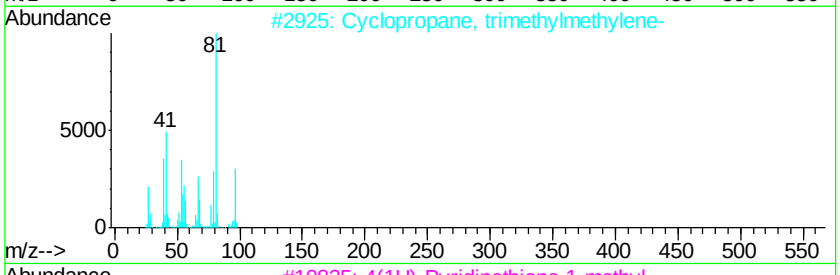
Peak Number 17 unknown13.62 Concentration Rank 19

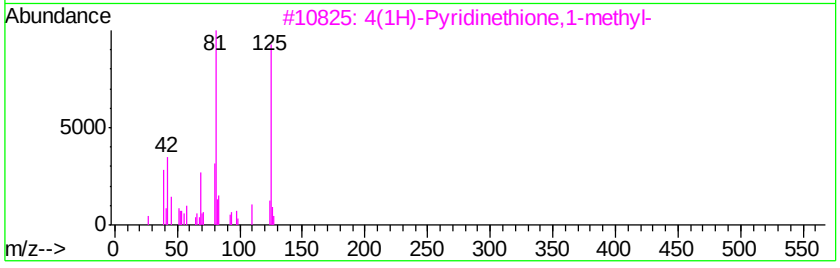
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.59 ng	1059910	Acenaphthene-d10	14.33

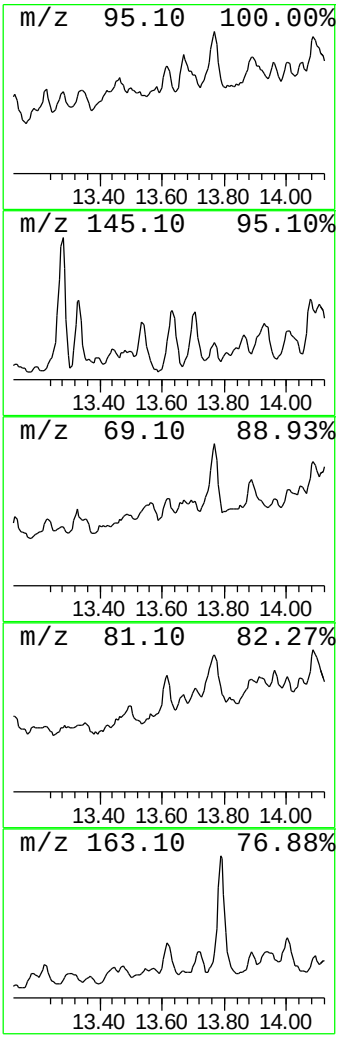
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	18
2	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	18
3	4(1H)-Pyridinethione,1-methyl-	125	C6H7NS	006887-59-8	18
4	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	15
5	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	15











Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

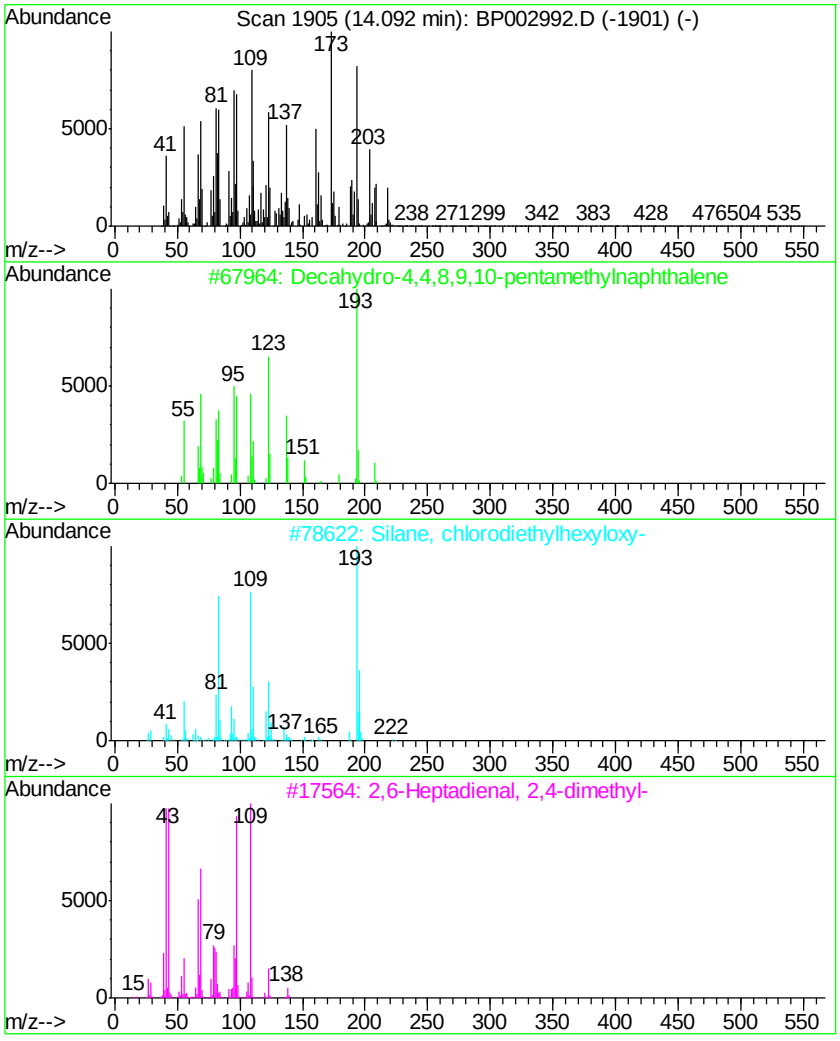
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

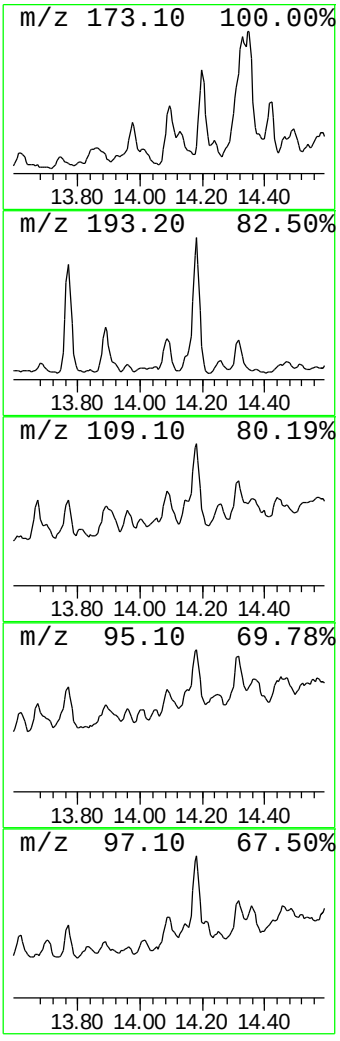
****

Peak Number 18 unknown14.09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	4.11 ng	1678100	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	27
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	15
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

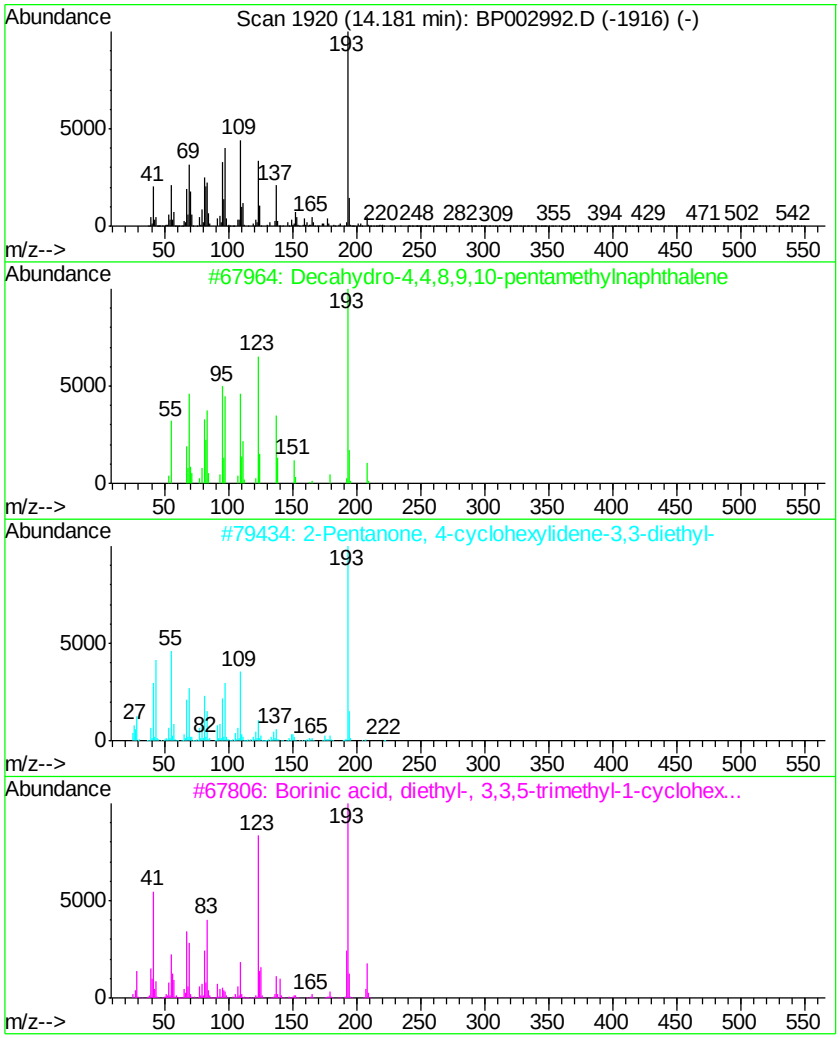
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

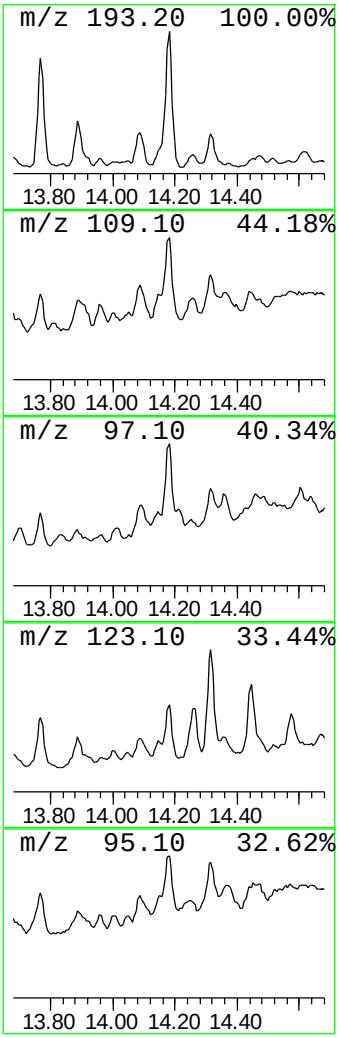
****

Peak Number 19 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	9.24 ng	3777110	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32
4	6-Methylphenanthridine	193	C14H11N	003955-65-5	25
5	Carbonic acid, monoamide, N-meth...	193	C11H15NO2	1000340-19-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

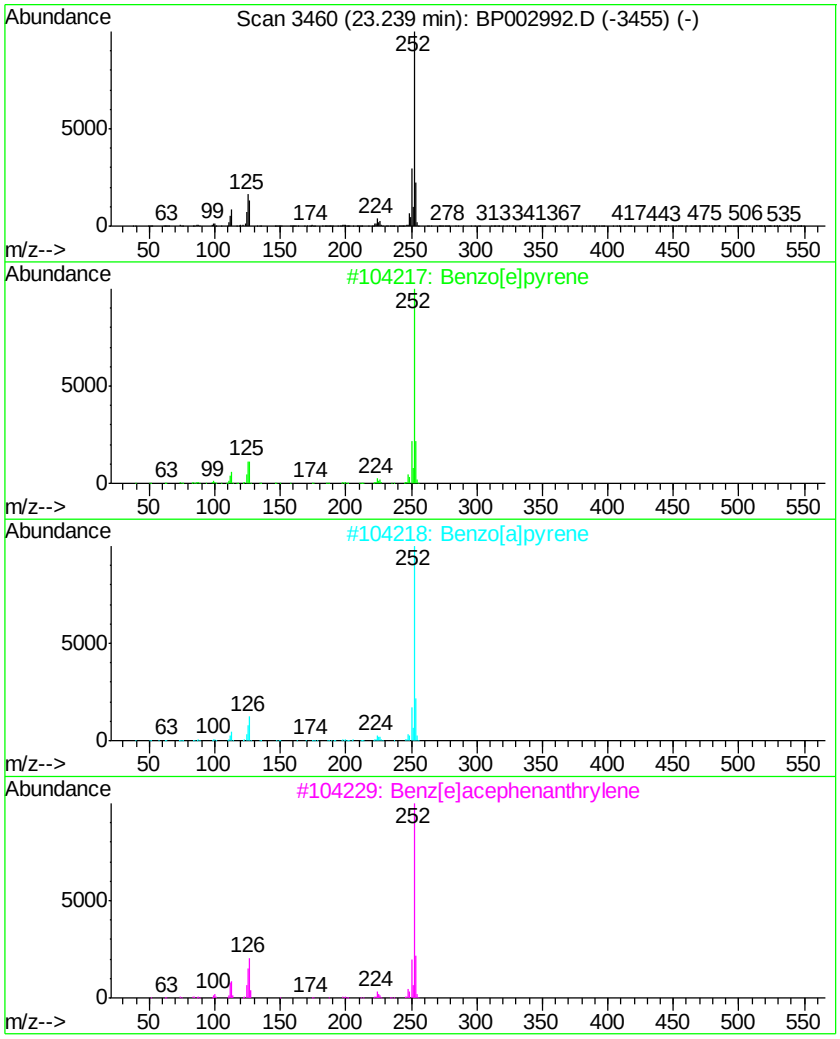
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

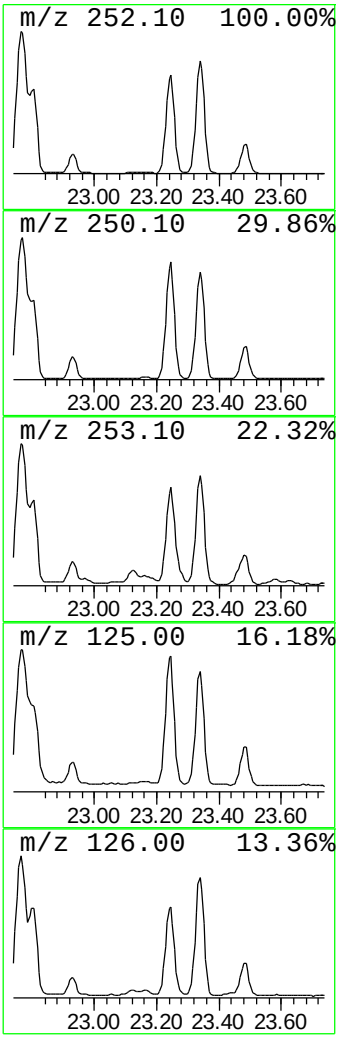
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	36.86 ng	10967900	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP081420\
Data File : BP002992.D
Acq On : 14 Aug 2020 19:19
Operator : CG/JU
Sample : L3662-10 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : N48765

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.96	8.0	ng	914504	1	7.69	2290360	20.0
unknown9.68	9.68	2.6	ng	403879	2	10.47	3060030	20.0
Cyclohexanecarbox...	9.86	3.2	ng	483094	2	10.47	3060030	20.0
unknown10.02	10.02	6.6	ng	1013930	2	10.47	3060030	20.0
unknown10.34	10.34	2.5	ng	379871	2	10.47	3060030	20.0
Cyclohexanemethan...	10.41	3.0	ng	453557	2	10.47	3060030	20.0
unknown10.53	10.53	3.1	ng	471507	2	10.47	3060030	20.0
unknown10.65	10.65	2.9	ng	444094	2	10.47	3060030	20.0
unknown10.79	10.79	6.5	ng	993810	2	10.47	3060030	20.0
Cyclohexane, 1,1,...	10.94	4.1	ng	624297	2	10.47	3060030	20.0
unknown11.18	11.18	5.7	ng	874372	2	10.47	3060030	20.0
unknown11.24	11.24	4.9	ng	755728	2	10.47	3060030	20.0
Oxalic acid, cycl...	11.44	3.9	ng	596049	2	10.47	3060030	20.0
unknown11.57	11.57	3.4	ng	522275	2	10.47	3060030	20.0
unknown12.16	12.16	4.0	ng	606715	2	10.47	3060030	20.0
unknown12.41	12.41	4.0	ng	1618320	3	14.33	8173360	20.0
unknown13.62	13.62	2.6	ng	1059910	3	14.33	8173360	20.0
unknown14.09	14.09	4.1	ng	1678100	3	14.33	8173360	20.0
Decahydro-4,4,8,9...	14.18	9.2	ng	3777110	3	14.33	8173360	20.0
Benzo[e]pyrene	23.24	36.9	ng	10967900	6	23.44	5951140	20.0