LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

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-BF081920.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	5.310	544	548	568	rBV	795024	1032453	62.45%	5.347%
2	6.346	721	724	727	rBV	790467	725900	43.91%	3.760%
3	6.375	727	729	747	rVB	148559	335607	20.30%	1.738%
4	6.540	752	757	769	rBV	54003	87239	5.28%	0.452%
5	6.693	780	783	794	rBV	984016	850094	51.42%	4.403%
6	7.257	876	879	890	rBV	717189	725961	43.91%	3.760%
7	7.981	998	1002	1007	rBV	1273007	1126809	68.16%	5.836%
8	8.192	1034	1038	1043	rBV2	19401	30717	1.86%	0.159%
9	8.363	1062	1067	1070	rBV6	15067	27365	1.66%	0.142%
10	8.516	1089	1093	1098	rBV6	23532	42312	2.56%	0.219%
11	8.663	1115	1118	1122	rBV5	25264	39997	2.42%	0.207%
12	8.722	1125	1128	1130	rVV	42424	36993	2.24%	0.192%
13	8.816	1141	1144	1146	rBV2	26745	28351	1.71%	0.147%
14	8.928	1160	1163	1167	rBV3	53718	69155	4.18%	0.358%
15	8.969	1167	1170	1173	rBV2	86810	96105	5.81%	0.498%
16	9.051	1180	1184	1189	rBV	1642001	1490713	90.17%	7.721%
17	9.128	1193	1197	1200	rBV	185476	216562	13.10%	1.122%
18	9.175	1202	1205	1209	rVV	255829	245364	14.84%	1.271%
19	9.328	1229	1231	1233	rBV2	91350	80417	4.86%	0.416%
20	9.434	1246	1249	1251	rBV	384557	388978	23.53%	2.015%
21	9.492	1256	1259	1263	rVB3	135538	152142	9.20%	0.788%
22	9.592	1273	1276	1279	rBV2	376400	389831	23.58%	2.019%
23	9.616	1279	1280	1281	rVV	116603	74253	4.49%	0.385%
24	9.639	1281	1284	1287	rVB	700309	589719	35.67%	3.054%
25	9.675	1287	1290	1292	rBV3	125936	148547	8.99%	0.769%
26	9.734	1293	1300	1303	rBV	1368516	1653180	100.00%	8.562%
27	10.063	1352	1356	1359	rBV4	243534	329548	19.93%	1.707%
28	10.098	1359	1362	1364	rVV3	191701	175393	10.61%	0.908%
29	10.134	1365	1368	1371	rVV2	560349	524102	31.70%	2.714%
30	10.522	1431	1434	1439	rBV	749631	819834	49.59%	4.246%
31	10.651	1452	1456	1460	rBV3	468067	643219	38.91%	3.331%
32	11.222	1550	1553	1555	rBV	1074477	1023778	61.93%	5.302%
33	12.433	1757	1759	1762	rVB	335603	250346	15.14%	1.297%
34	12.663	1796	1798	1800	rVB	327379	234151	14.16%	1.213%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.804	1819	1822	1825	rVB	1247711	1133816	68.58%	5.872%
36	13.710	1973	1976	1982	rVB3	343868	421450	25.49%	2.183%
37	13.857	1997	2001	2004	rBV2	1009432	1024798	61.99%	5.308%
38	14.868	2171	2173	2180	rVB	212763	333785	20.19%	1.729%
39	14.974	2188	2191	2195	rBV	186720	221590	13.40%	1.148%
40	15.216	2229	2232	2236	rVB	201683	241426	14.60%	1.250%
41	15.274	2238	2242	2253	rVB	954461	1246194	75.38%	6.454%

Sum of corrected areas: 19308194

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
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Operator : JU/CG
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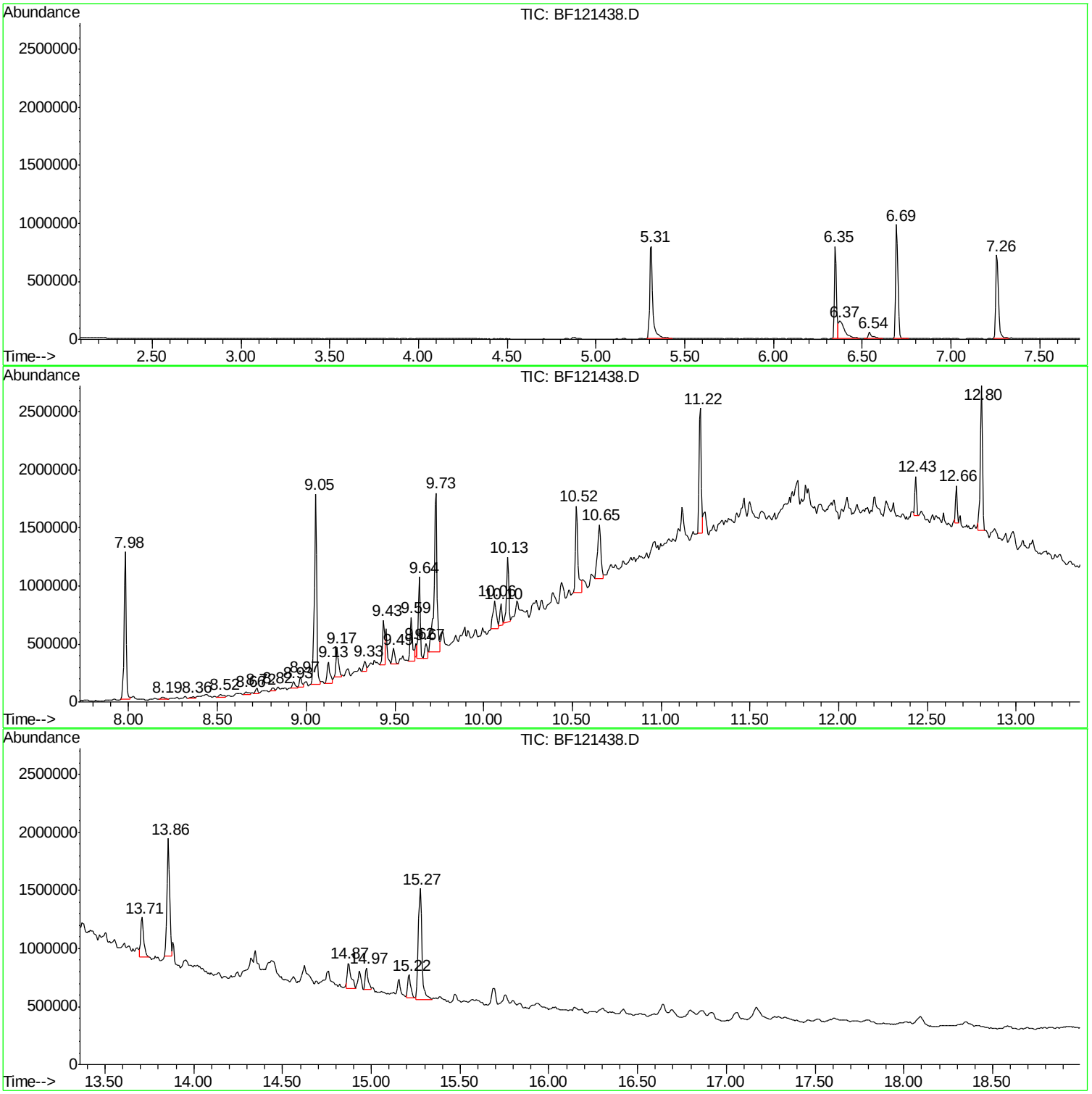
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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 F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

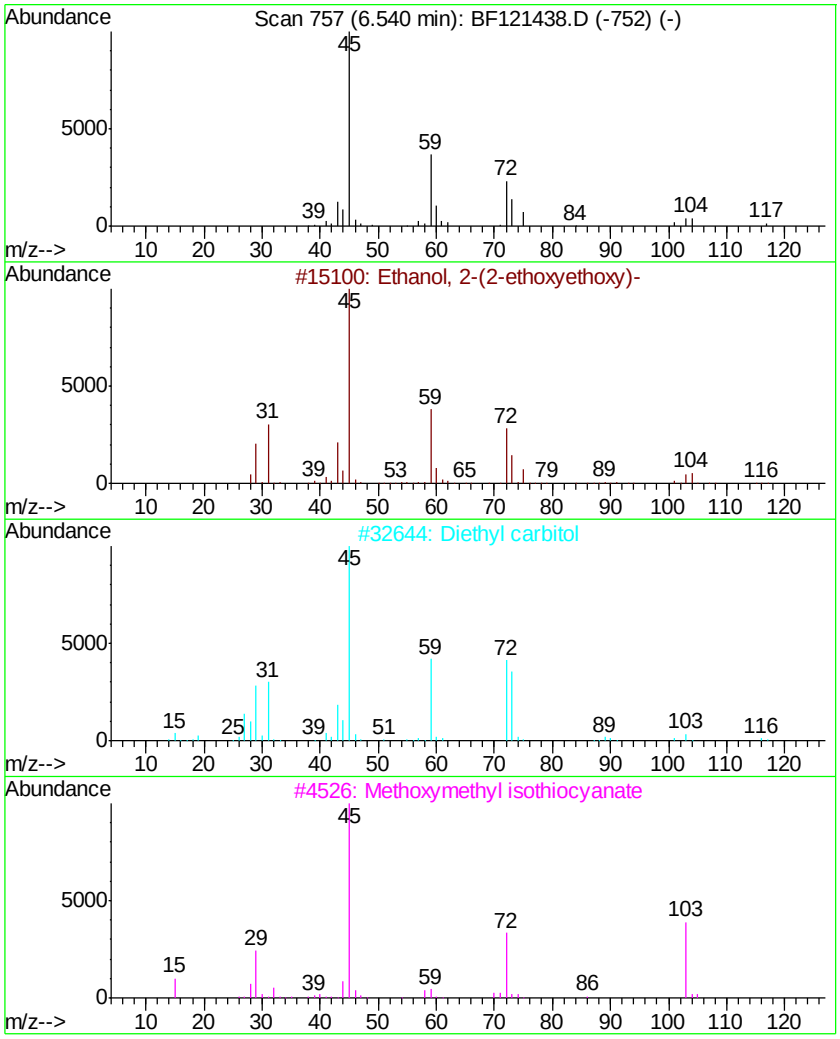
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

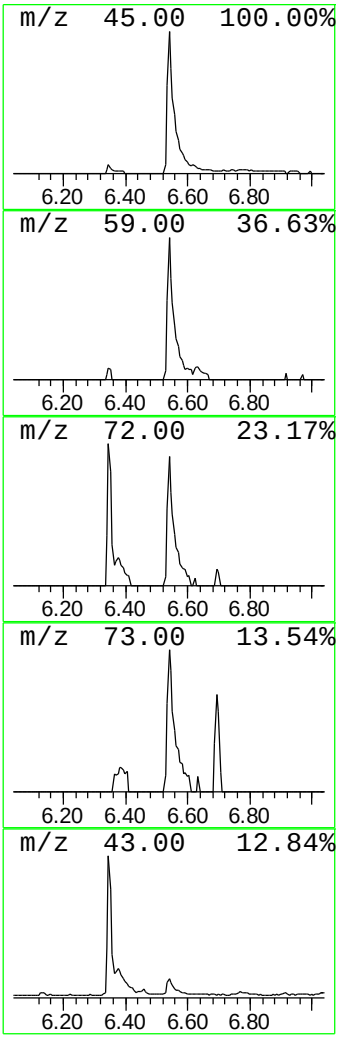
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.05 ng	87239	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	53
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

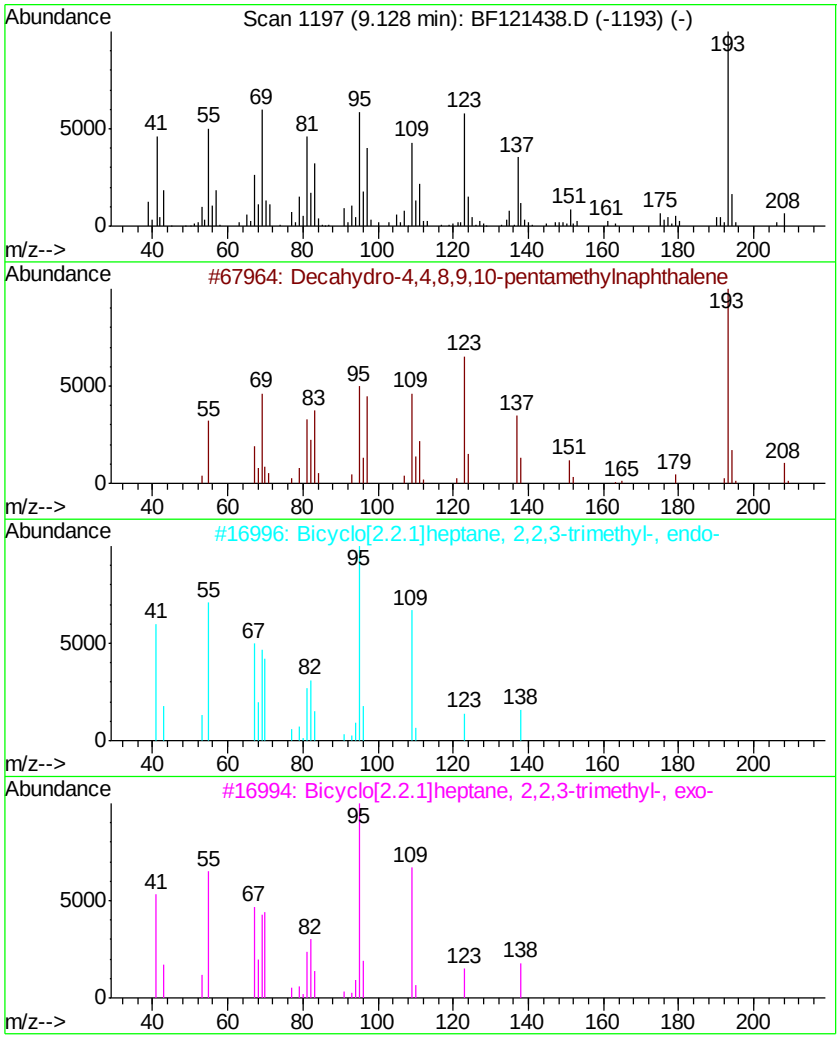
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

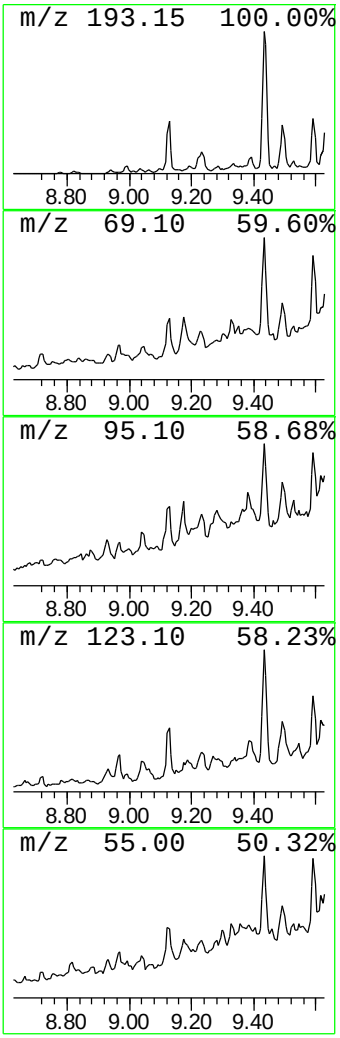
****

Peak Number 2 unknown9.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.62 ng	216562	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	35
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	1,3-Azulenedicarbonitrile, 2-amino-	193	C12H7N3	003786-66-1	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

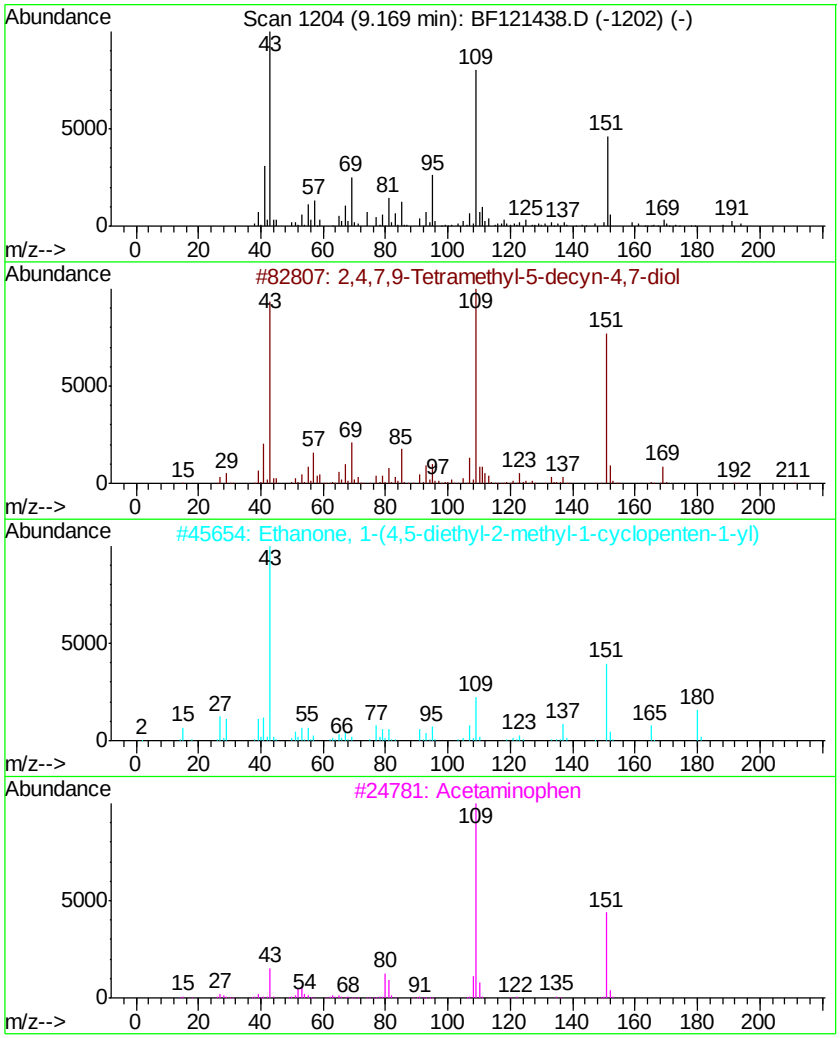
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

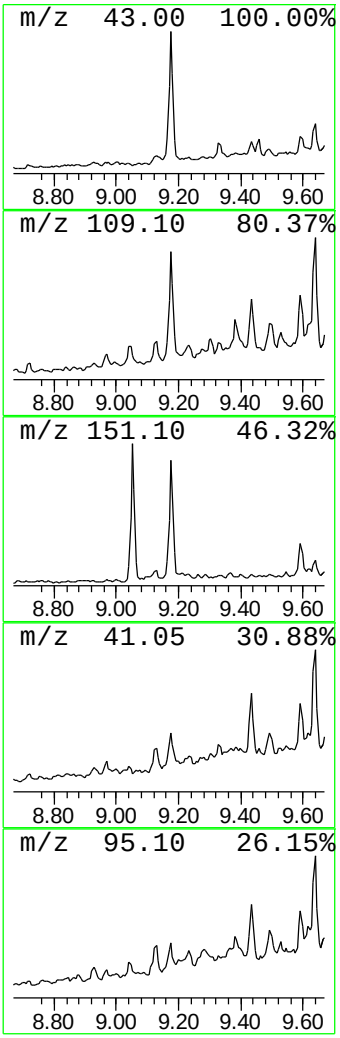
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.97 ng	245364	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Ethanone, 1-(4,5-diethyl-2-methy...	180	C12H20O	062338-24-3	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	50
4	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	47
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

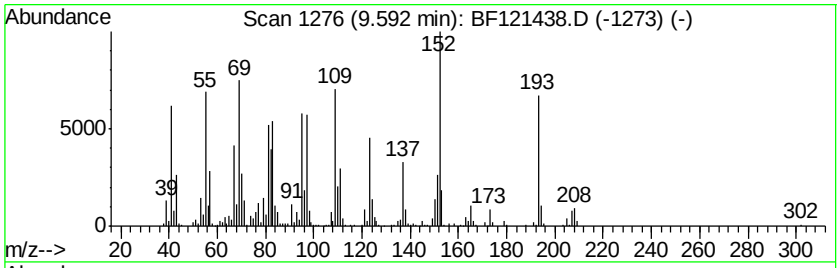
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

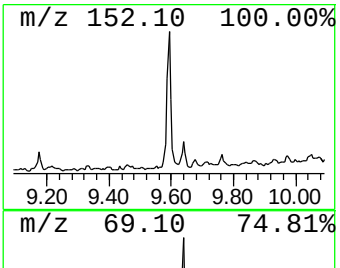
****

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.72 ng	389831	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
2	Camphor	152	C10H16O	000076-22-2	38
3	1-Cyclopentyl-4-(1-methylethyl)c...	194	C14H26	1000215-44-4	30
4	1H-Pyrazole, 1-methyl-4-(4,4,5,5...	208	C10H17BN2O2	1000319-69-0	25
5	3,5-Dimethoxytoluene	152	C9H12O2	004179-19-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

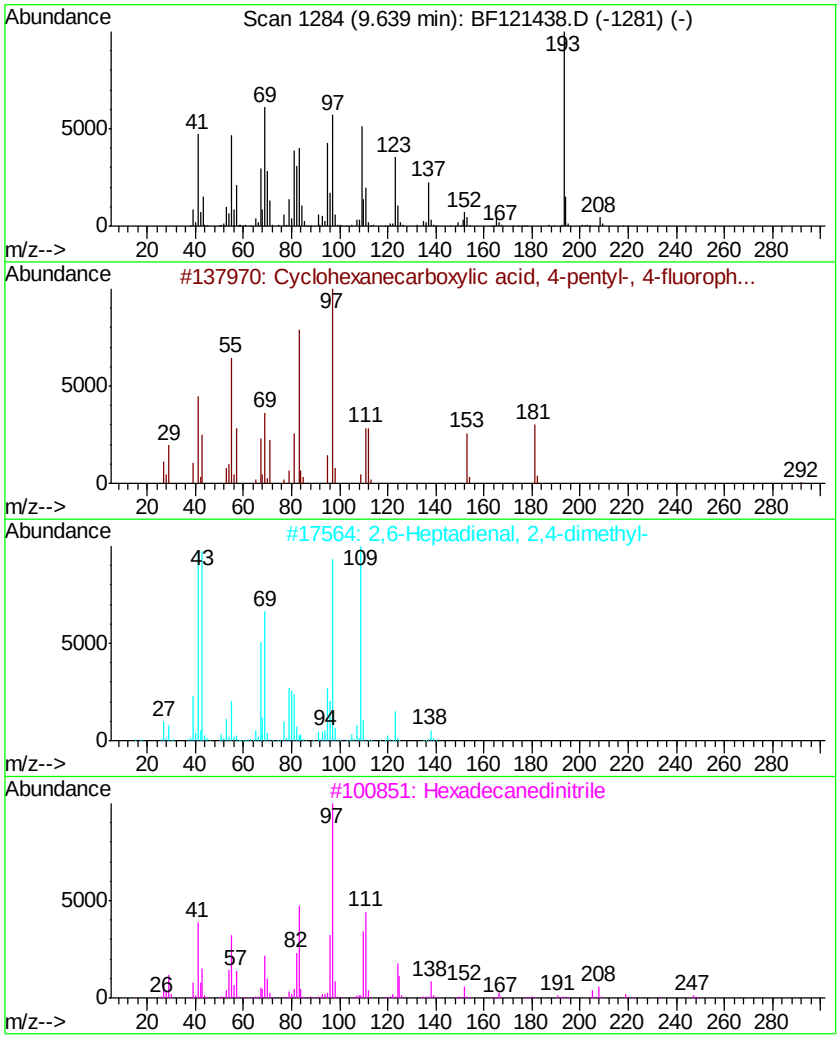
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

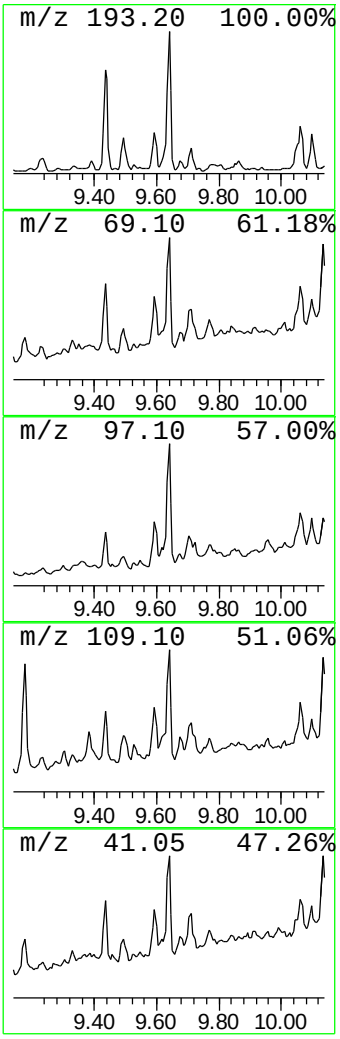
****

Peak Number 5 unknown9.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	7.13 ng	589719	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pe...	292	C18H25FO2	079912-83-7	22
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18
3	Hexadecanedinitrile	248	C16H28N2	006812-44-8	14
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	14
5	2-Phenylindolizine	193	C14H11N	025379-20-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

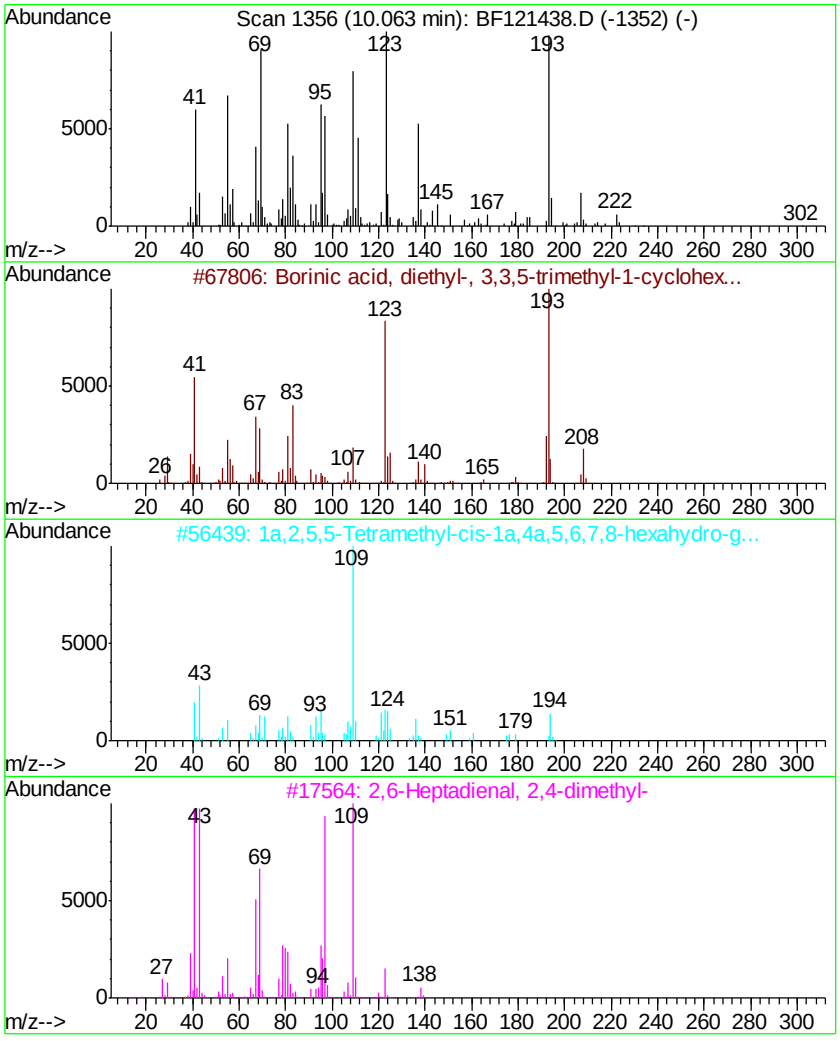
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

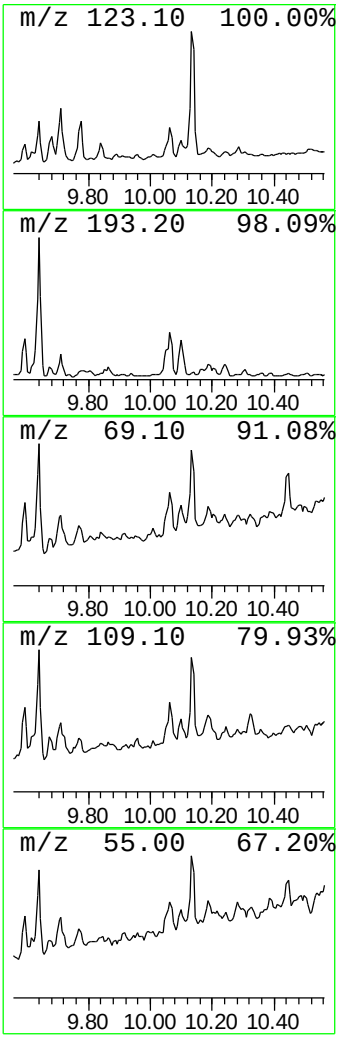
****

Peak Number 6 unknown10.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.99 ng	329548	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	35
2	1a,2,5,5-Tetramethyl-cis-1a,4a,5...	194	C13H22O	1000215-77-7	15
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	14
4	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14
5	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

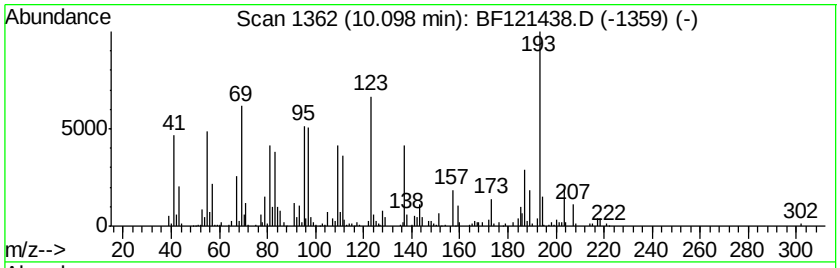
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

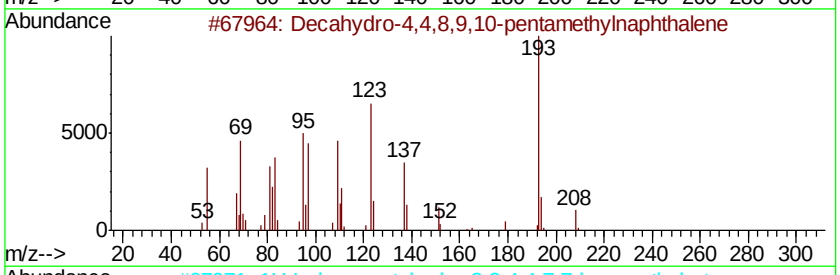
****

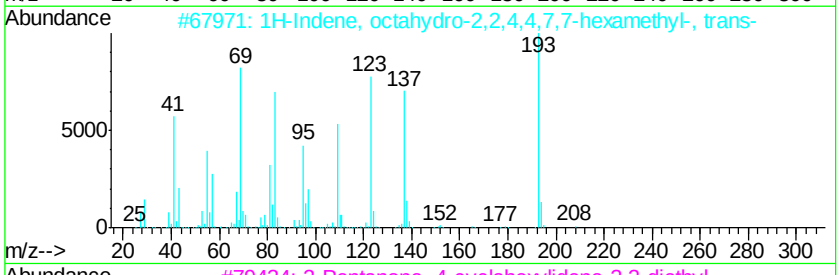
Peak Number 7 1H-Indene, octahydro-2,2,4,... Concentration Rank 10

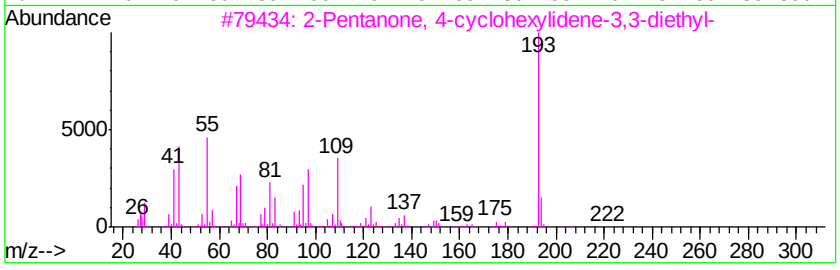
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.12 ng	175393	Acenaphthene-d10	9.73

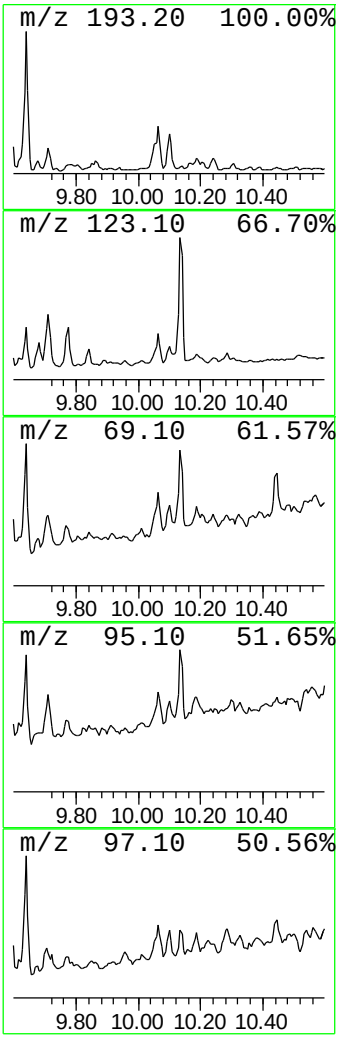
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	27











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

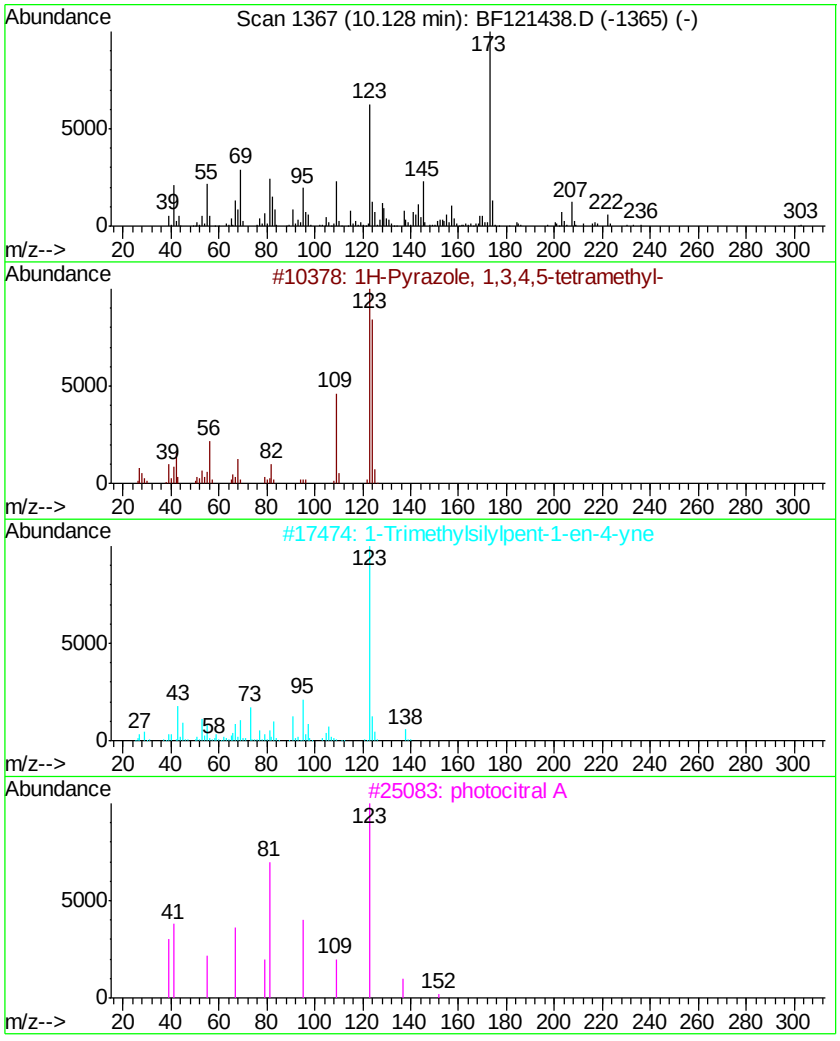
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

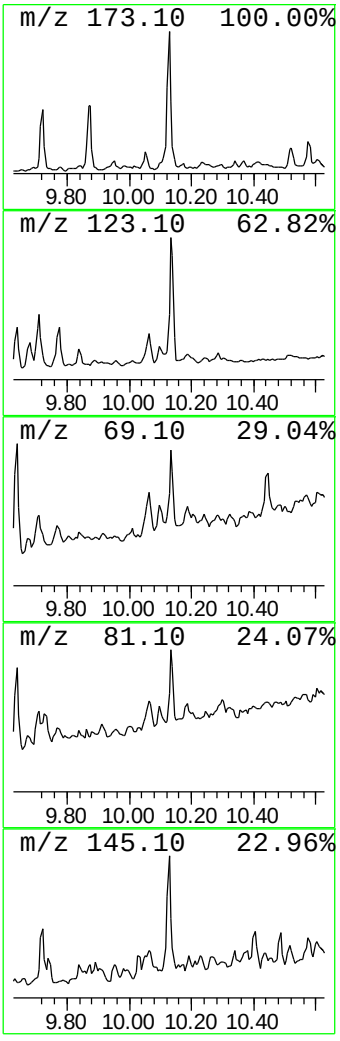
****

Peak Number 8 unknown10.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	6.34 ng	524102	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	38
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
3	photocitral A	152	C10H16O	055253-28-6	38
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	35
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

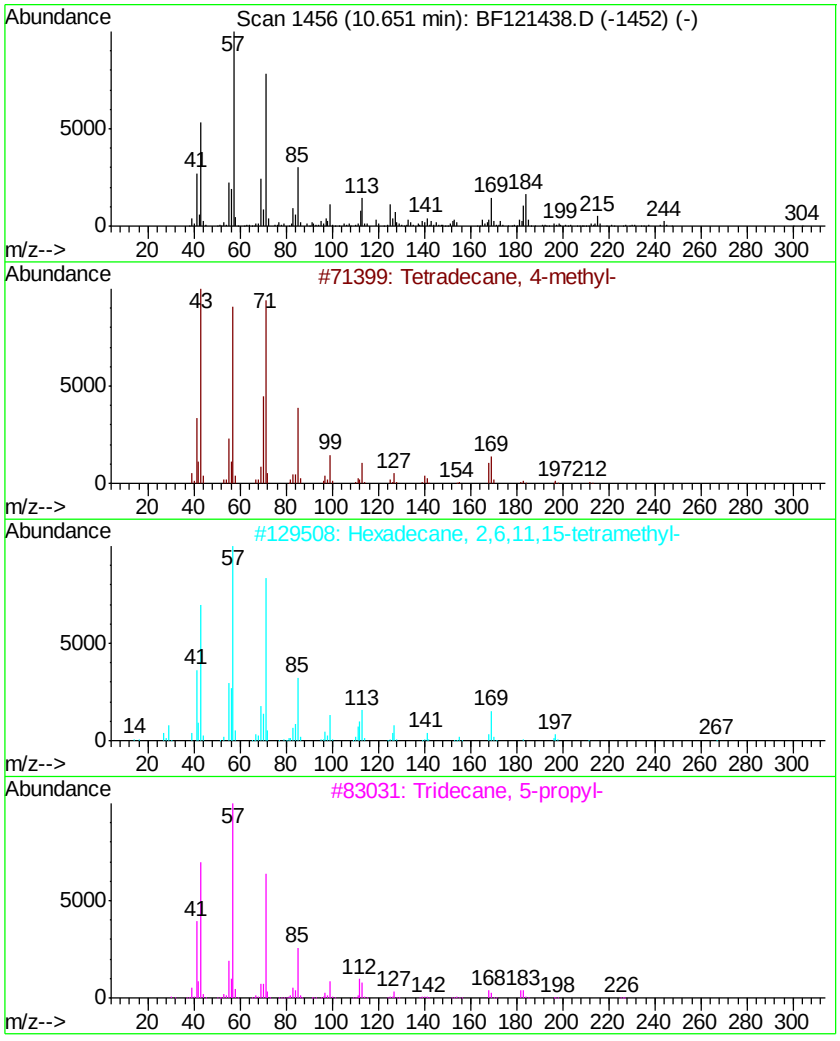
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

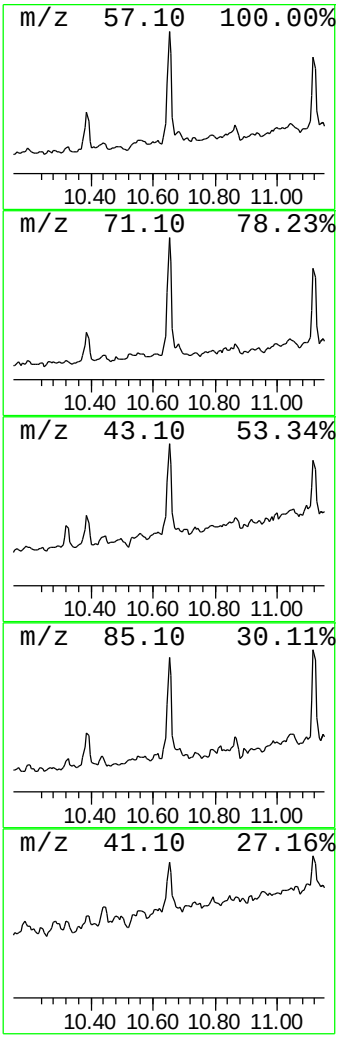
****

Peak Number 9 Tetradecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	12.57 ng	643219	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	89
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	81
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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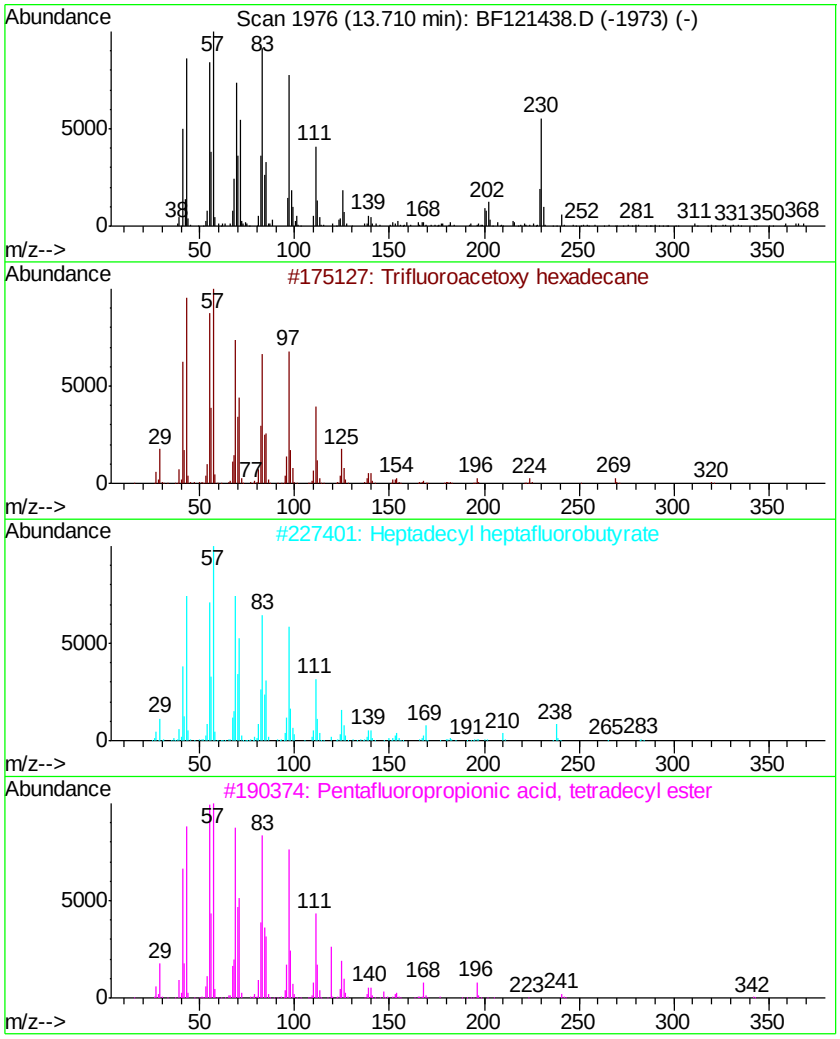
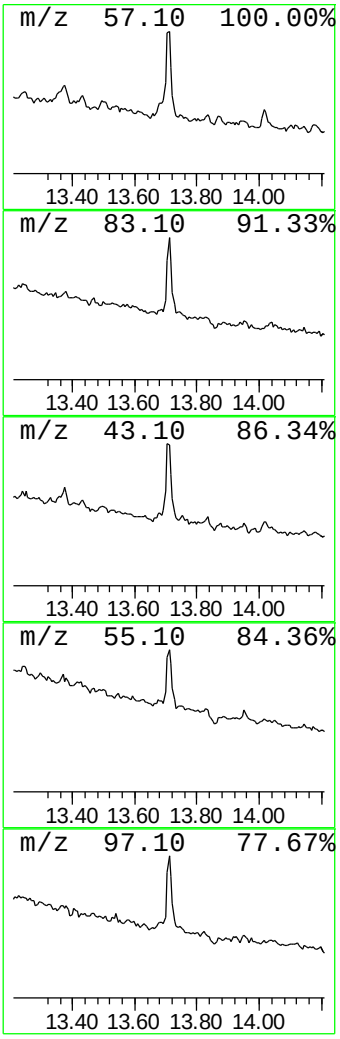
Peak Number 10 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	8.23 ng	421450	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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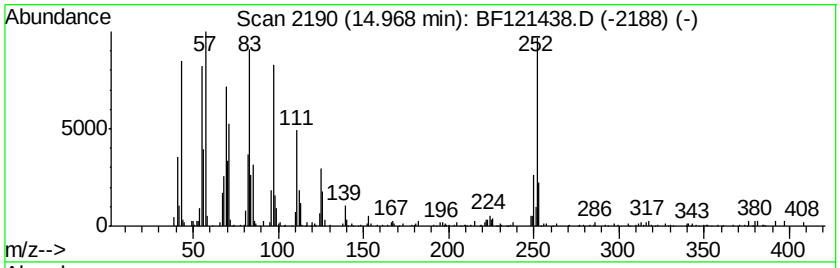
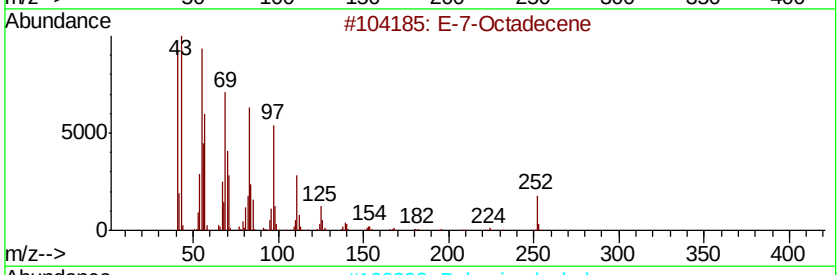
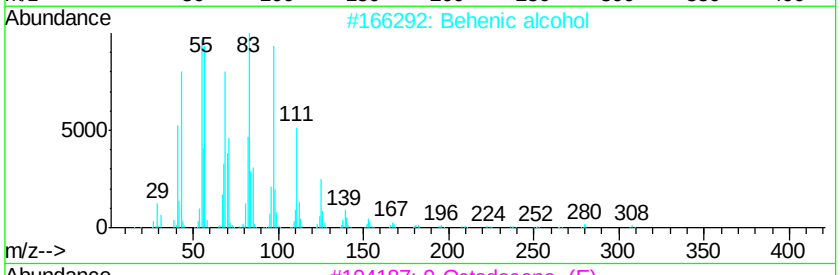
Peak Number 11 E-7-Octadecene Concentration Rank 7

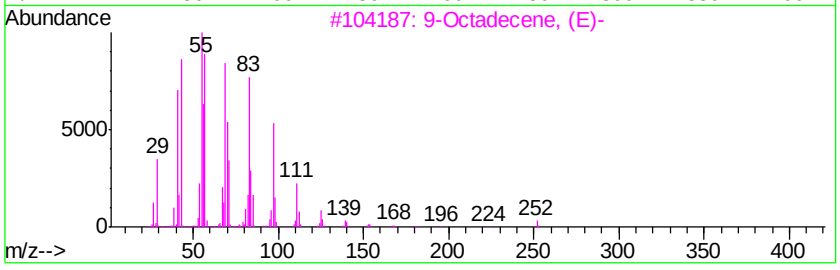
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.56 ng	221590	Perylene-d12	15.27

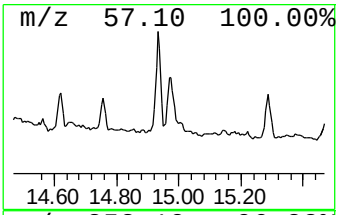
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
5	Octacosanol	410	C28H58O	000557-61-9	83

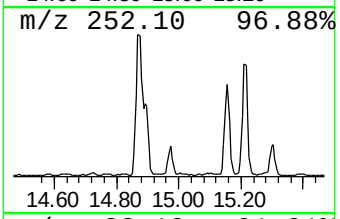


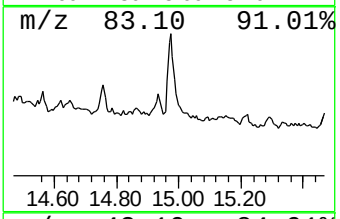


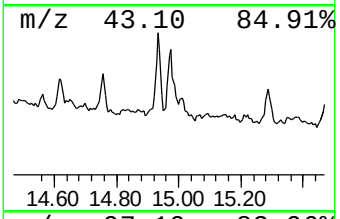


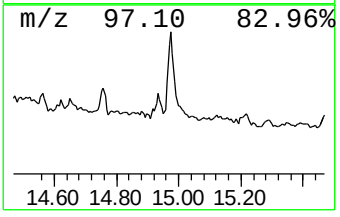












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 619-047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Ethanol, 2-(2-eth...	6.54	2.0	ng	87239	1	6.69	850094	20.0
unknown9.13	9.13	2.6	ng	216562	3	9.73	1653180	20.0
2,4,7,9-Tetrameth...	9.17	3.0	ng	245364	3	9.73	1653180	20.0
Decahydro-4,4,8,9...	9.59	4.7	ng	389831	3	9.73	1653180	20.0
unknown9.64	9.64	7.1	ng	589719	3	9.73	1653180	20.0
unknown10.06	10.06	4.0	ng	329548	3	9.73	1653180	20.0
1H-Indene, octahy...	10.10	2.1	ng	175393	3	9.73	1653180	20.0
unknown10.13	10.13	6.3	ng	524102	3	9.73	1653180	20.0
Tetradecane, 4-me...	10.65	12.6	ng	643219	4	11.22	1023780	20.0
Trifluoroacetoxy ...	13.71	8.2	ng	421450	5	13.86	1024800	20.0
E-7-Octadecene	14.97	3.6	ng	221590	6	15.27	1246190	20.0