LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.025	281	287	295	rBV	713925	934210	10.20%	2.946%
2	4.272	299	329	333	rBV	29045	140899	1.54%	0.444%
3	5.578	532	551	555	rBV	147521	338526	3.70%	1.068%
4	5.737	574	578	585	rBV	311006	541148	5.91%	1.707%
5	5.890	602	604	606	rVB	323747	224379	2.45%	0.708%
6	5.995	614	622	636	rVB	99472	168895	1.84%	0.533%
7	6.601	676	725	728	rBV4	555149	4312509	47.10%	13.600%
8	6.931	779	781	785	rVB3	1543668	1823269	19.91%	5.750%
9	7.037	796	799	801	rVB	148234	119208	1.30%	0.376%
10	7.090	801	808	814	rBV3	160397	252106	2.75%	0.795%
11	7.301	820	844	845	rBV	676848	2879992	31.45%	9.083%
12	7.407	848	862	865	rBV	2434822	9156803	100.00%	28.878%
13	7.737	905	918	921	rBV	342358	853700	9.32%	2.692%
14	7.813	921	931	934	rBV	416891	680612	7.43%	2.146%
15	7.854	934	938	940	rBV2	168681	154898	1.69%	0.488%
16	8.060	967	973	975	rVB3	90973	128341	1.40%	0.405%
17	8.219	997	1000	1004	rVB	447512	406658	4.44%	1.282%
18	8.548	1049	1056	1059	rBV	193510	323586	3.53%	1.020%
19	9.084	1136	1147	1150	rBV	345013	716132	7.82%	2.258%
20	9.289	1178	1182	1190	rBV	199910	212075	2.32%	0.669%
21	9.419	1199	1204	1207	rBV	575802	478881	5.23%	1.510%
22	9.689	1244	1250	1254	rVB	295584	257445	2.81%	0.812%
23	9.983	1297	1300	1302	rVV	583583	644272	7.04%	2.032%
24	10.019	1302	1306	1308	rVB	717364	868551	9.49%	2.739%
25	10.407	1365	1372	1375	rBV2	447815	702407	7.67%	2.215%
26	10.860	1446	1449	1453	rVV	89073	108828	1.19%	0.343%
27	11.089	1483	1488	1493	rVV3	59286	112354	1.23%	0.354%
28	11.148	1494	1498	1503	rVB3	124548	133125	1.45%	0.420%
29	11.336	1523	1530	1533	rBV	1089947	1043777	11.40%	3.292%
30	11.389	1536	1539	1546	rVB2	277819	280012	3.06%	0.883%
31	11.483	1552	1555	1561	rVB	462322	428502	4.68%	1.351%
32	12.036	1641	1649	1656	rVV	483989	816612	8.92%	2.575%
33	12.089	1656	1658	1664	rVV	69321	95641	1.04%	0.302%
34	12.260	1684	1687	1692	rVB	127476	108220	1.18%	0.341%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.066	1821	1824	1827	rVB	144592	125147	1.37%	0.395%
36	13.942	1970	1973	1979	rVB	183507	184232	2.01%	0.581%
37	14.142	2003	2007	2010	rBV	456378	408661	4.46%	1.289%
38	14.566	2076	2079	2084	rVB2	83889	93422	1.02%	0.295%
39	14.960	2143	2146	2151	rVB	140037	144537	1.58%	0.456%
40	15.683	2265	2269	2278	rVB	224507	306409	3.35%	0.966%

Sum of corrected areas: 31708981

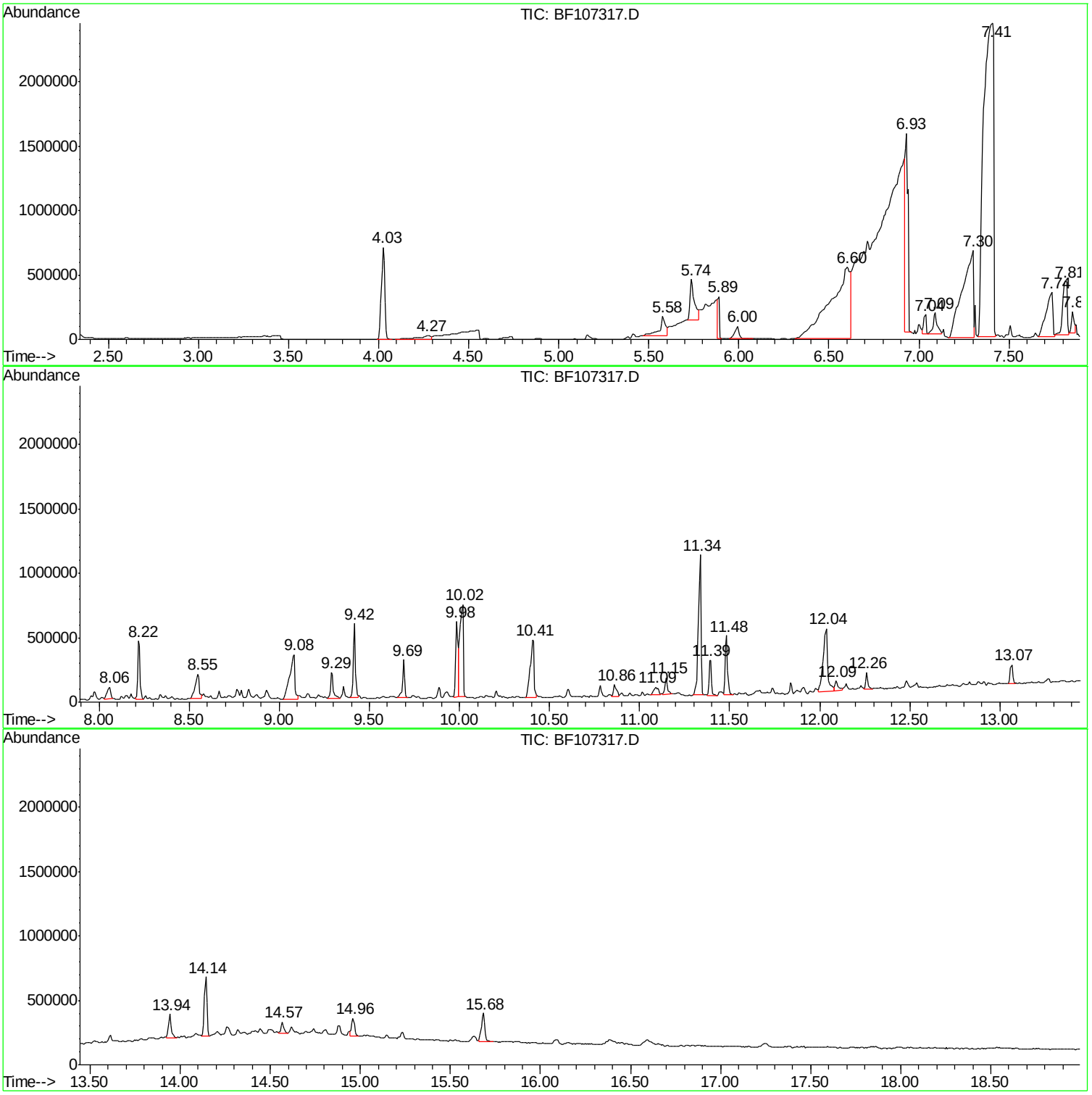
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

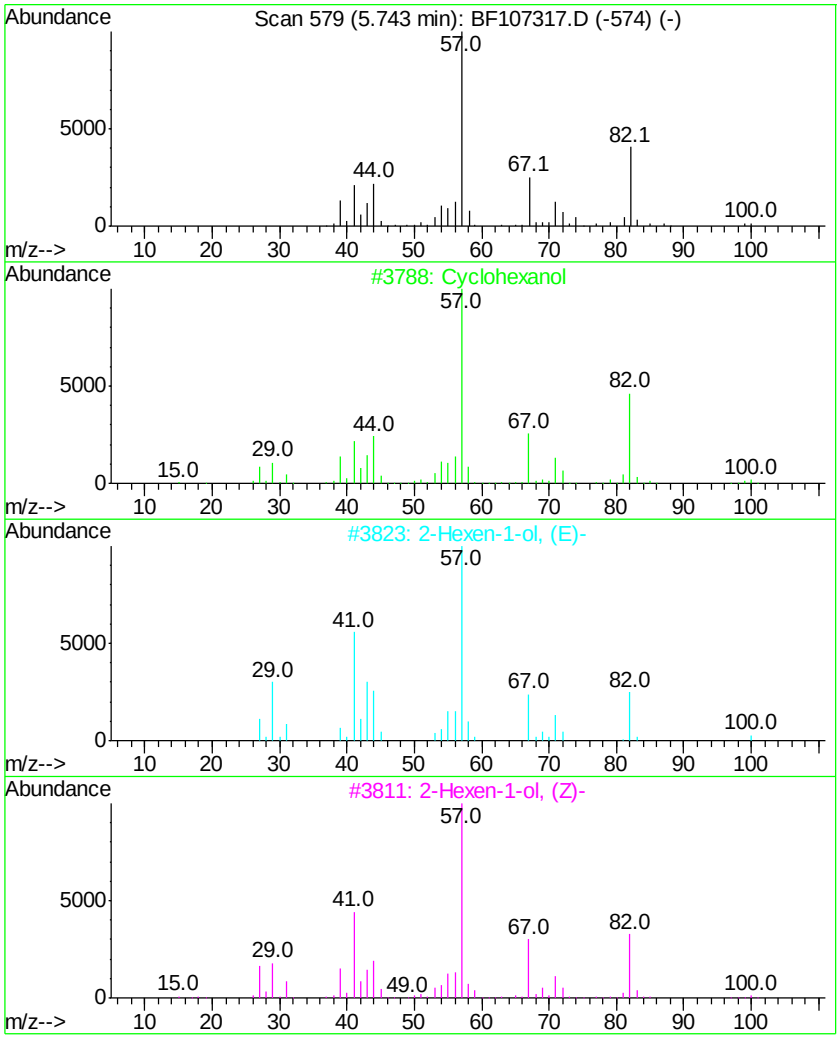
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

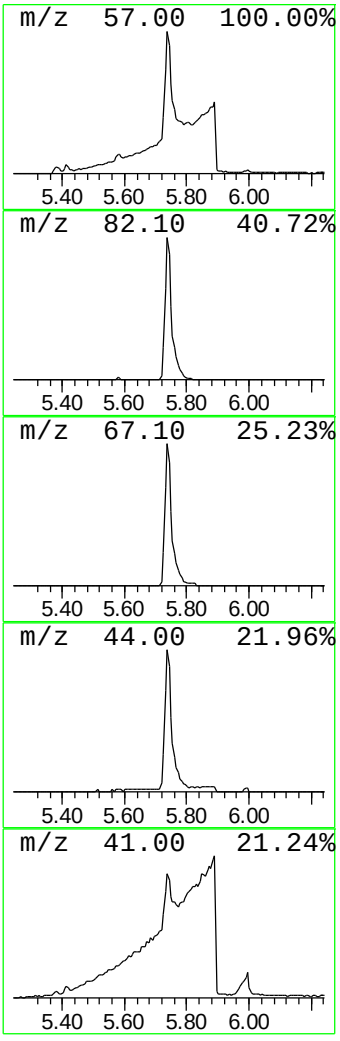
****

Peak Number 2 Cyclohexanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	5.94 ng	541148	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	97
2	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	64
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	64
4	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	64
5	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

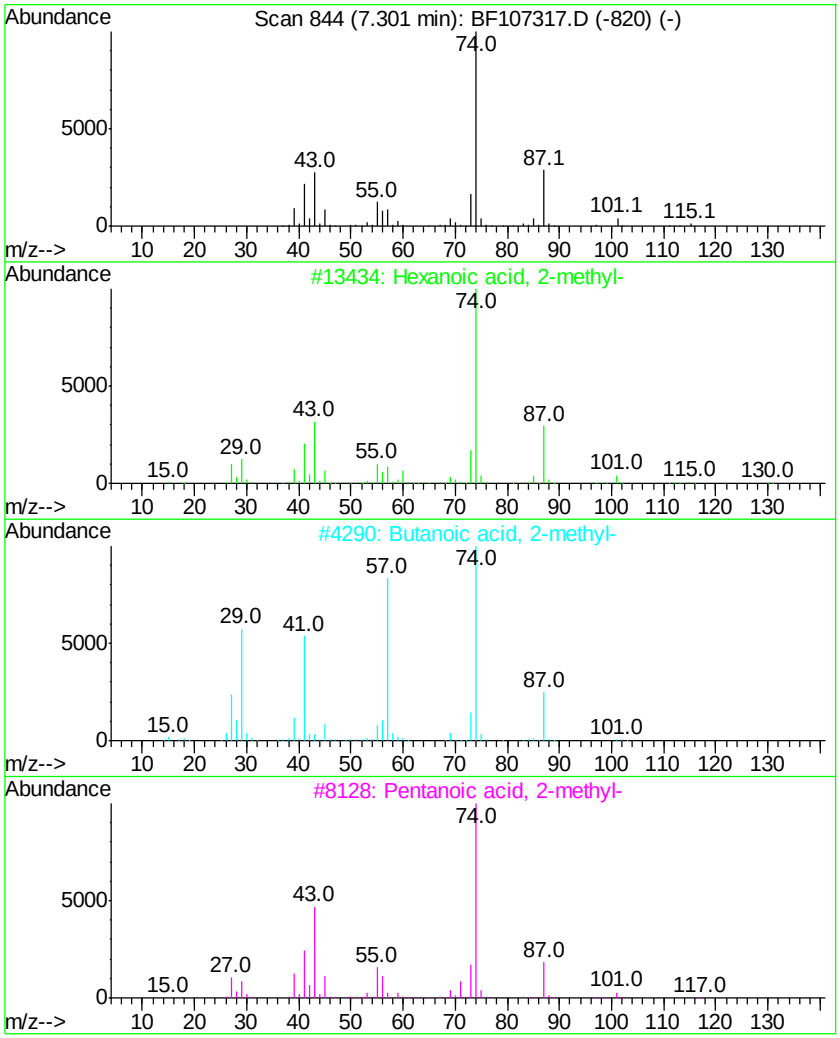
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

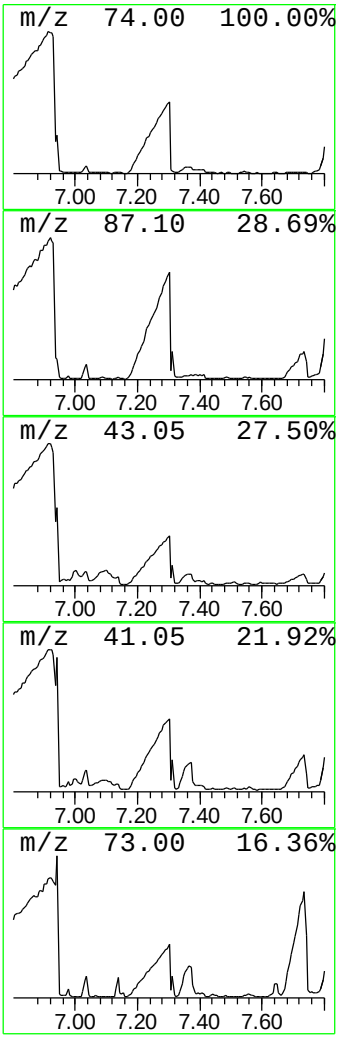
****

Peak Number 3 Hexanoic acid, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	31.59 ng	2879990	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	83
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
4	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	39
5	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

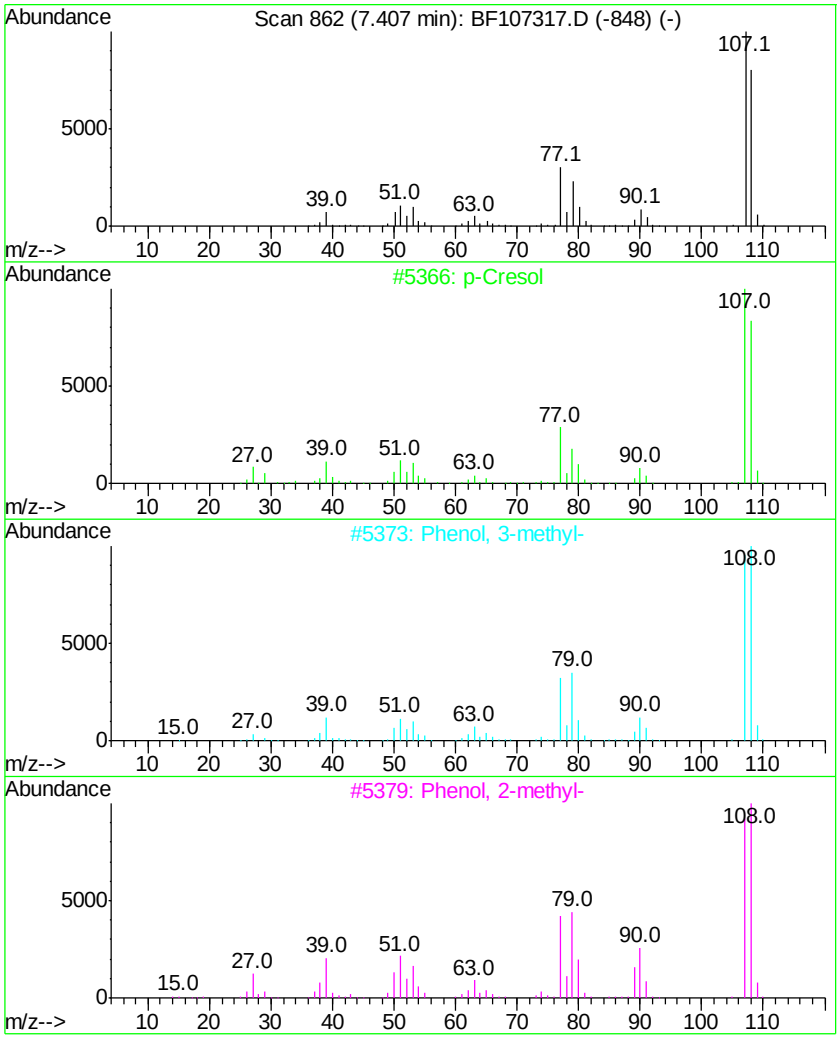
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

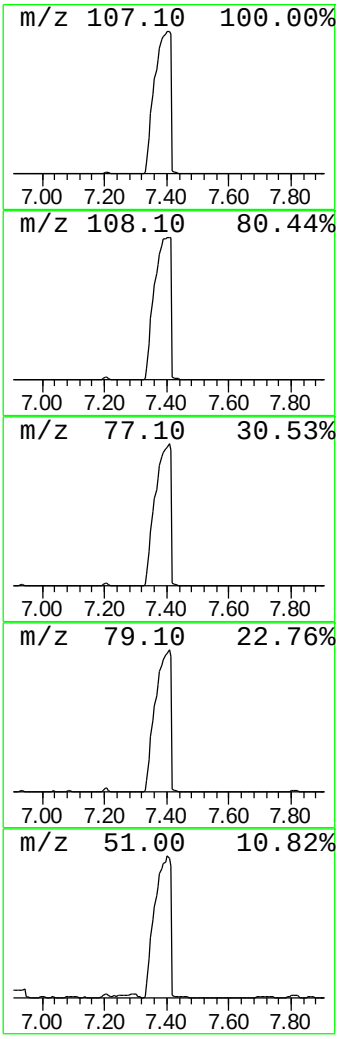
****

Peak Number 4 p-Cresol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	100.44 ng	9156800	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	97
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	93
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	91
4	Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	53
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

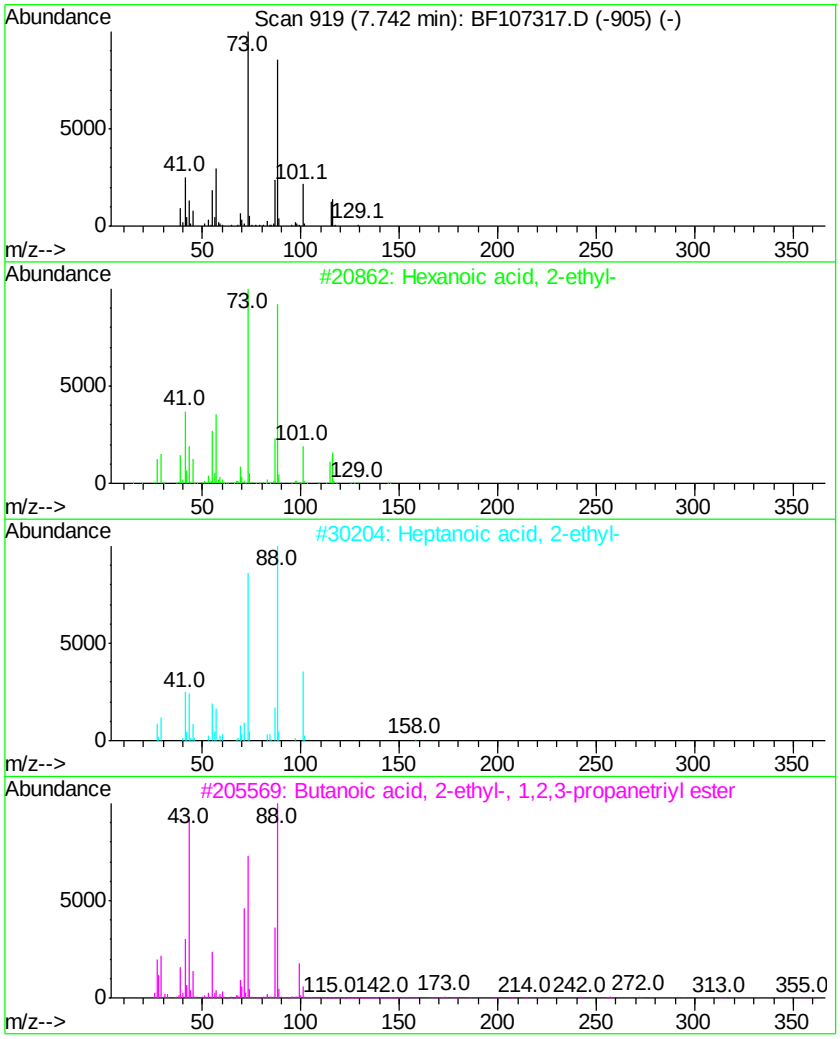
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

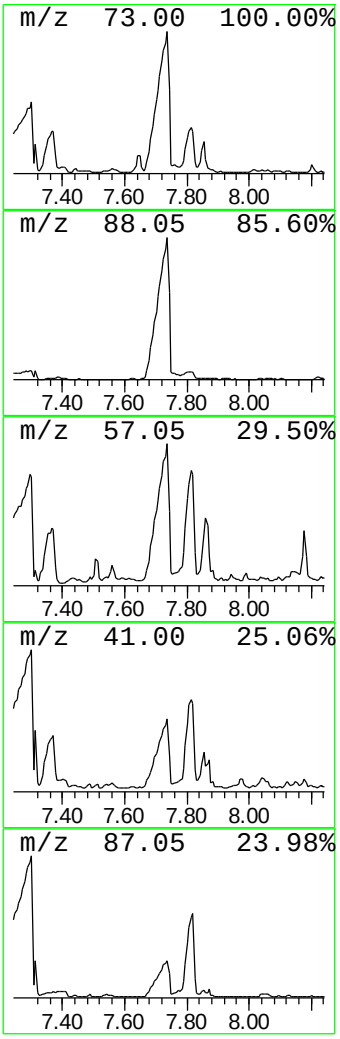
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	41.99 ng	853700	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

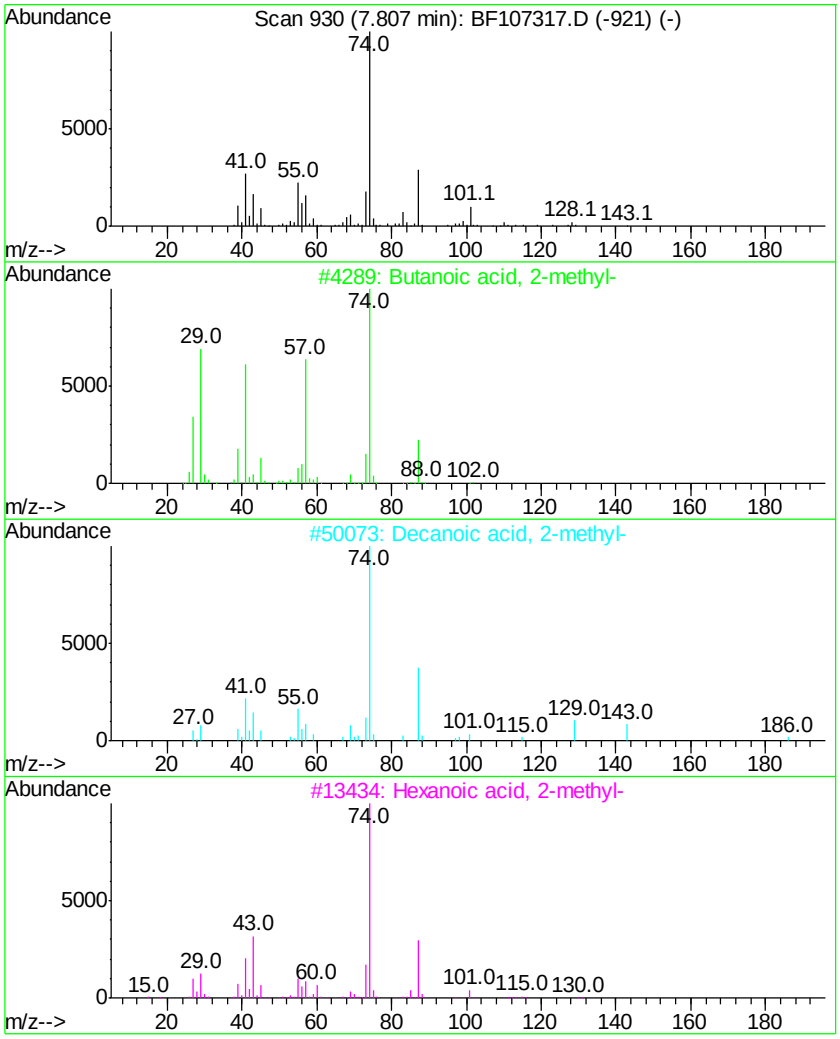
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

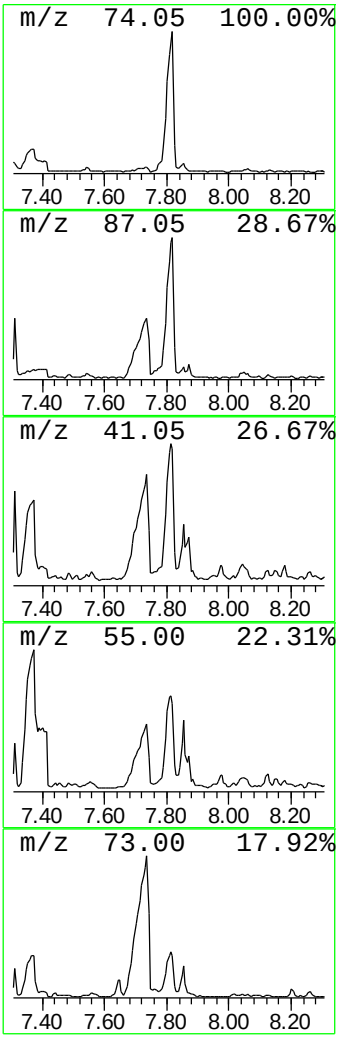
****

Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	33.47 ng	680612	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
2	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	64
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
4	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	56
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

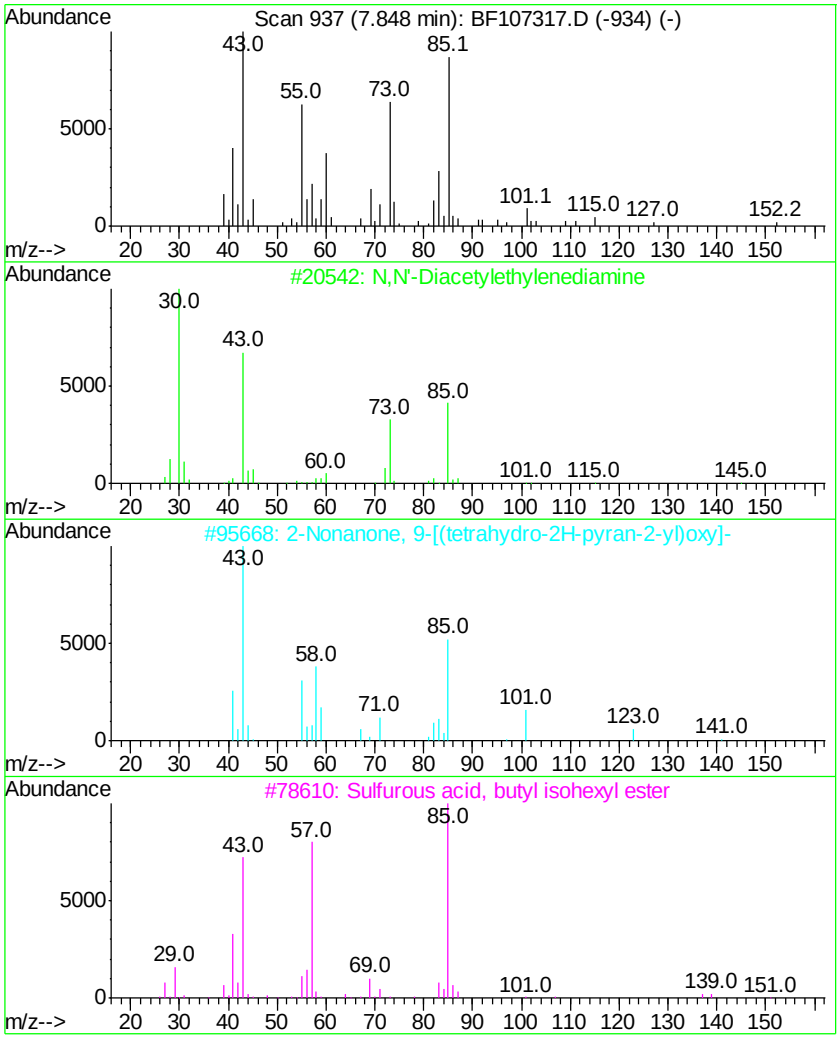
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

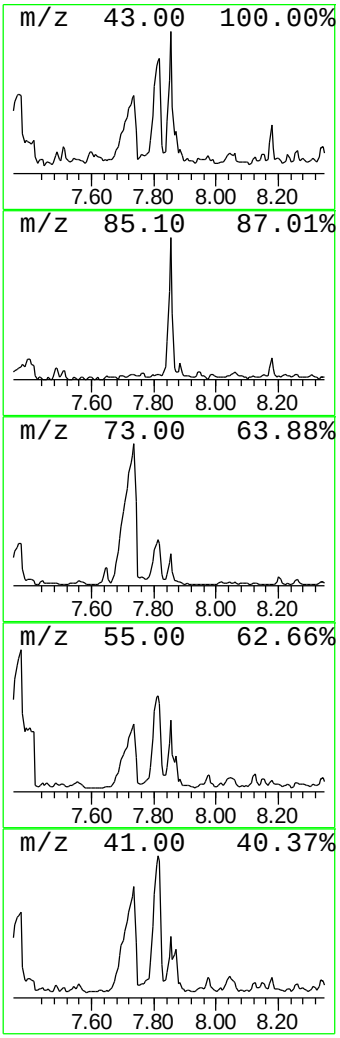
****

Peak Number 7 unknown7.85 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	7.62 ng	154898	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	47
2	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	43
3	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	38
4	Thiazole	85	C3H3NS	000288-47-1	38
5	1,3-Butadiene, 1-(ethylthio)-	114	C6H10S	010574-85-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

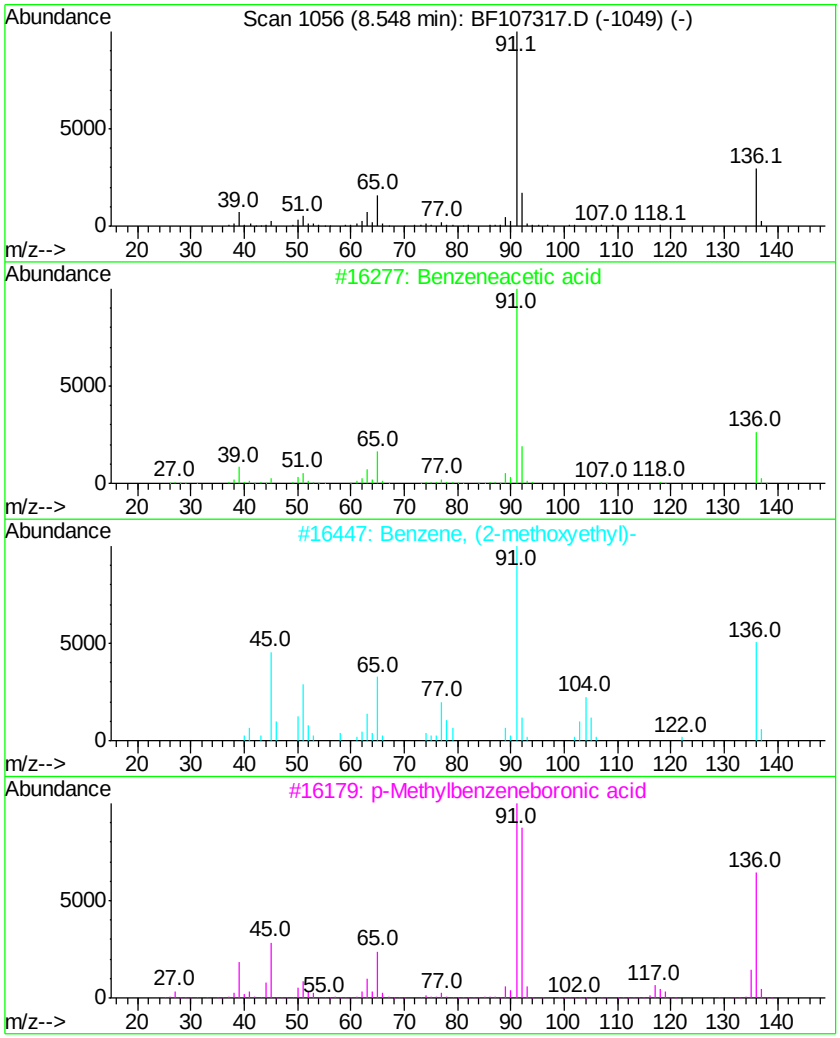
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

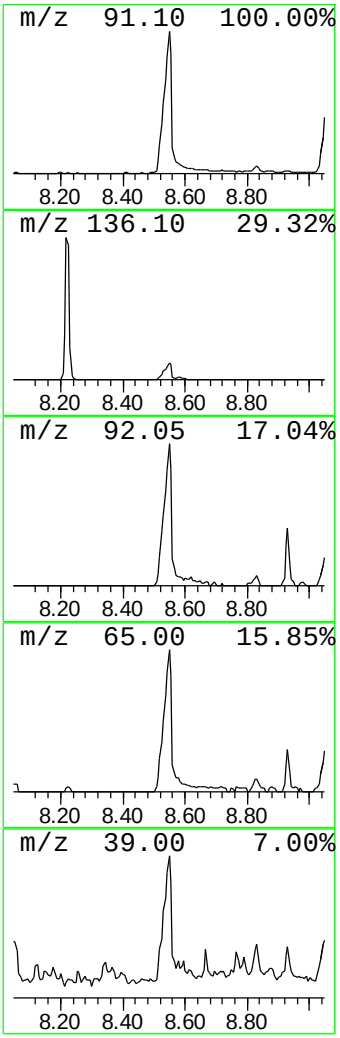
****

Peak Number 8 Benzeneacetic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	15.91 ng	323586	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	95
2	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	72
3	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	64
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	59
5	3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

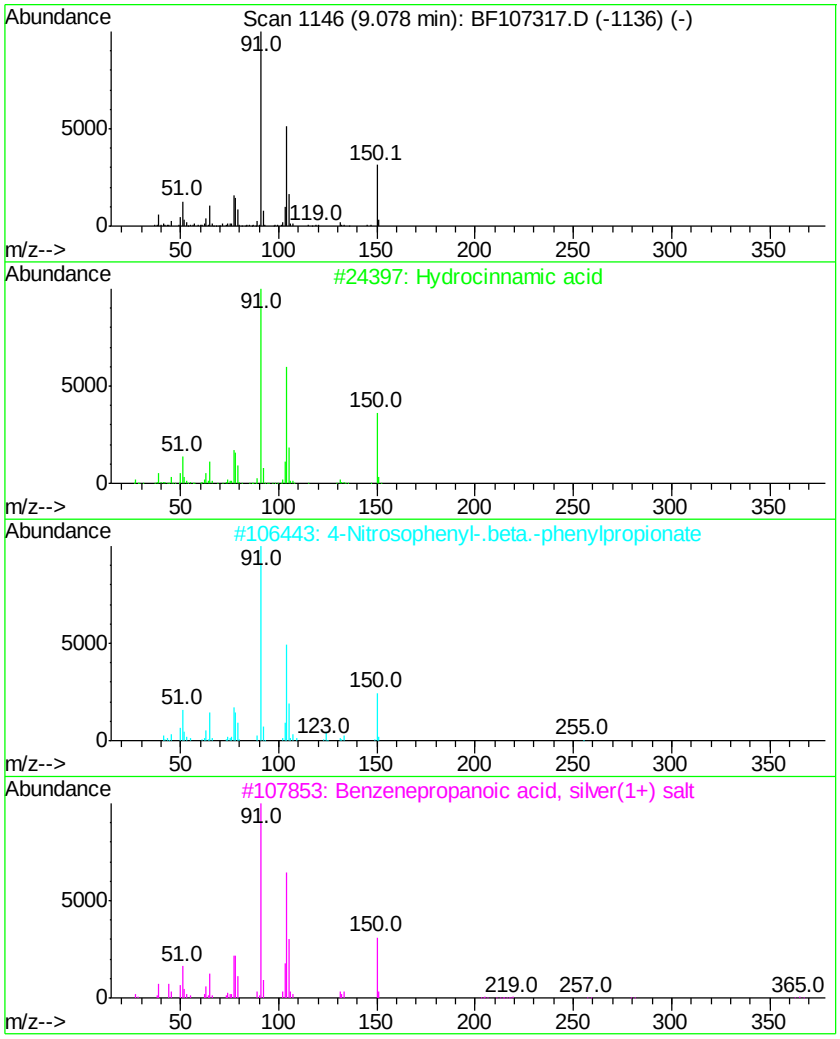
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

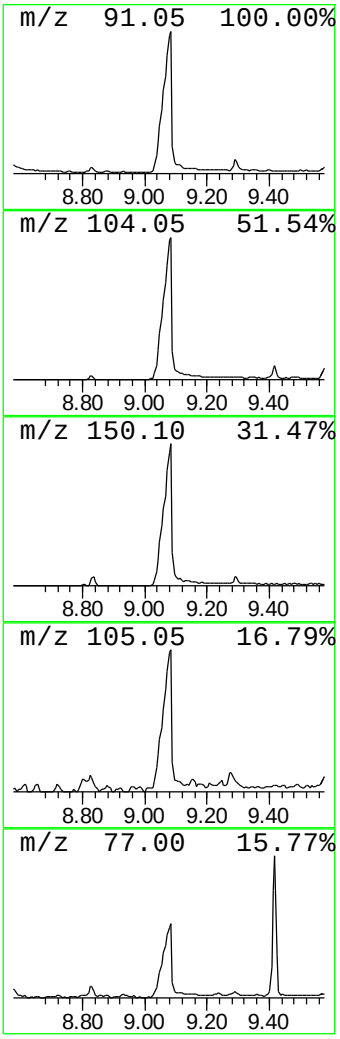
****

Peak Number 9 Hydrocinnamic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	35.22 ng	716132	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
3	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	80
4	Benzenepropanoic acid 1-methylet...	192	C12H16O2	022767-95-9	72
5	2-Butenoic acid, 3-methyl-, 2-ph...	204	C13H16O2	042078-65-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

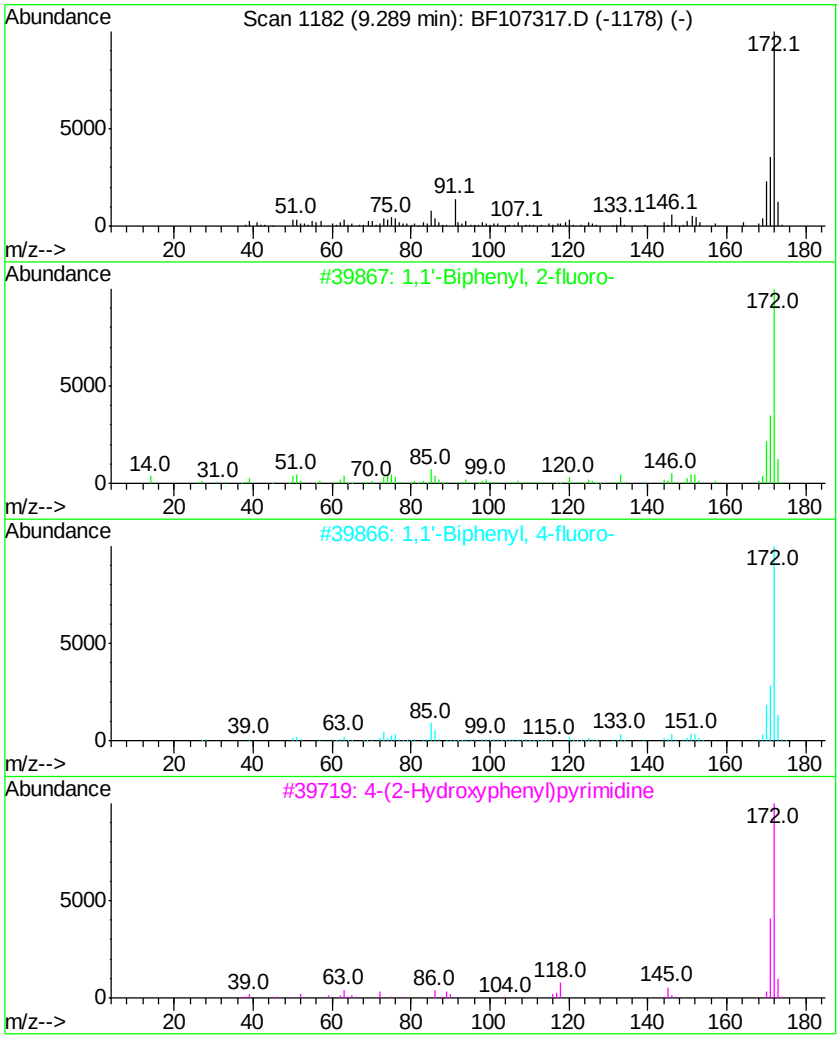
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

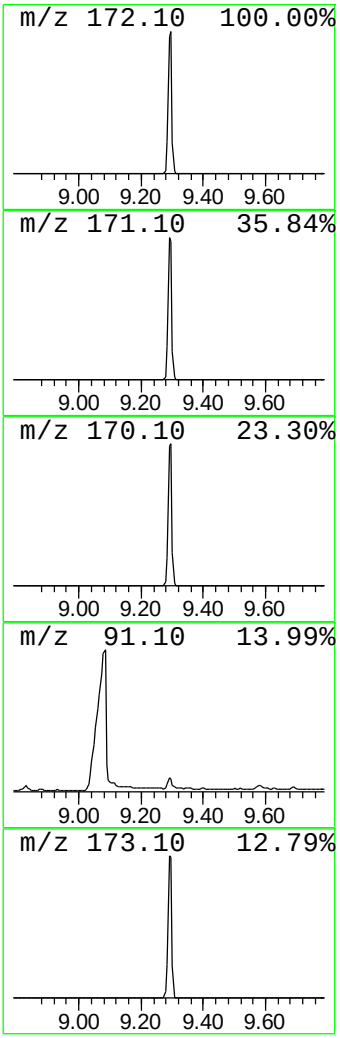
****

Peak Number 10 1,1'-Biphenyl, 2-fluoro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	6.58 ng	212075	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	81
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	50
4	Benzenepropanoic acid, .alpha.-t...	313	C15H14F3NO3	1000269-21-4	47
5	l-Proline, N-(2-methoxyethoxycar...	469	C27H51NO5	1000328-42-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

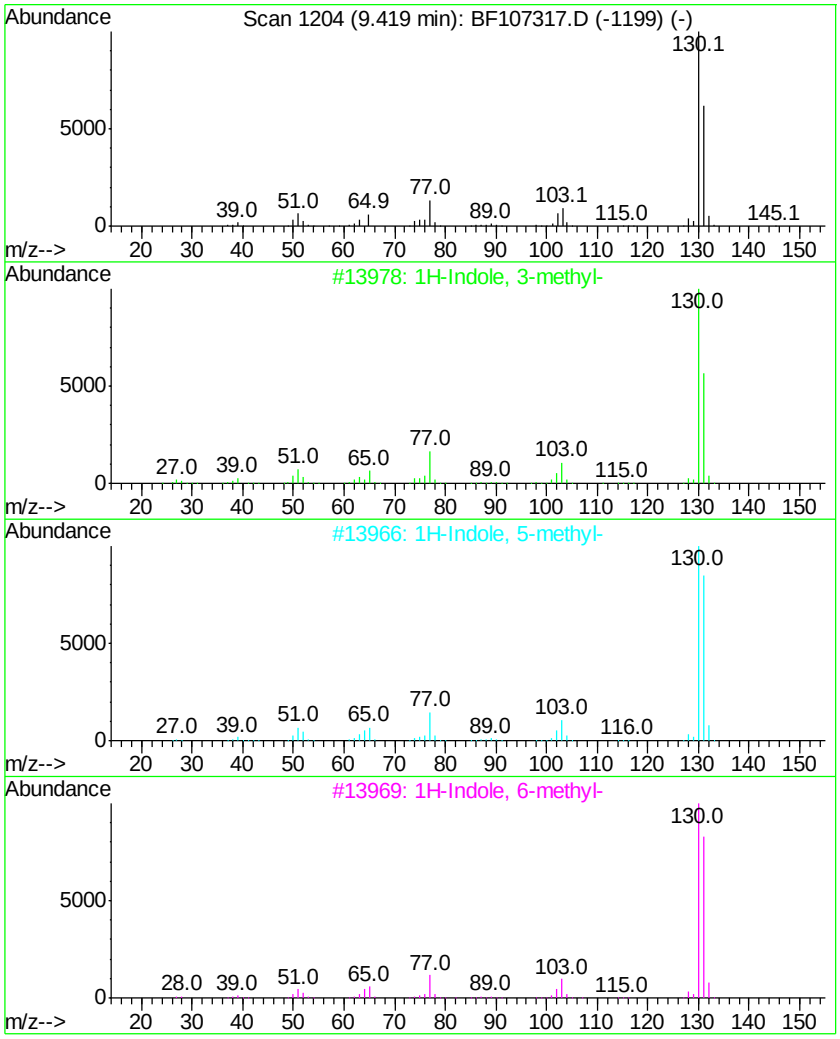
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

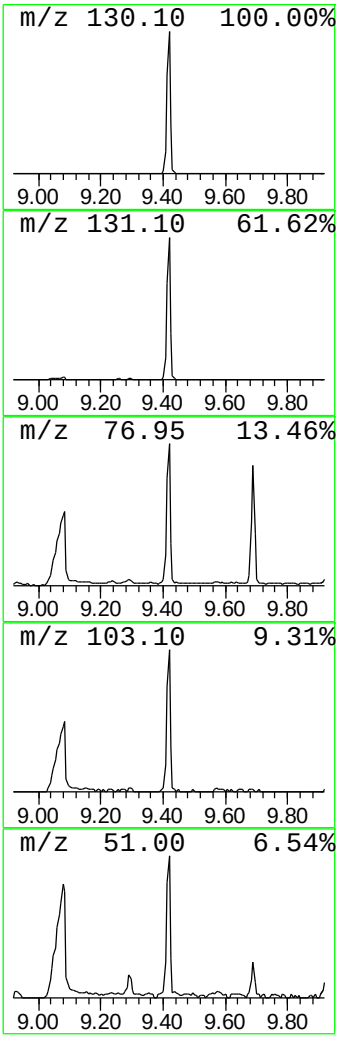
****

Peak Number 11 1H-Indole, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	14.87 ng	478881	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 3-methyl-	131	C9H9N	000083-34-1	95
2	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	95
3	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	94
4	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	91
5	1H-Indole, 2-methyl-	131	C9H9N	000095-20-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

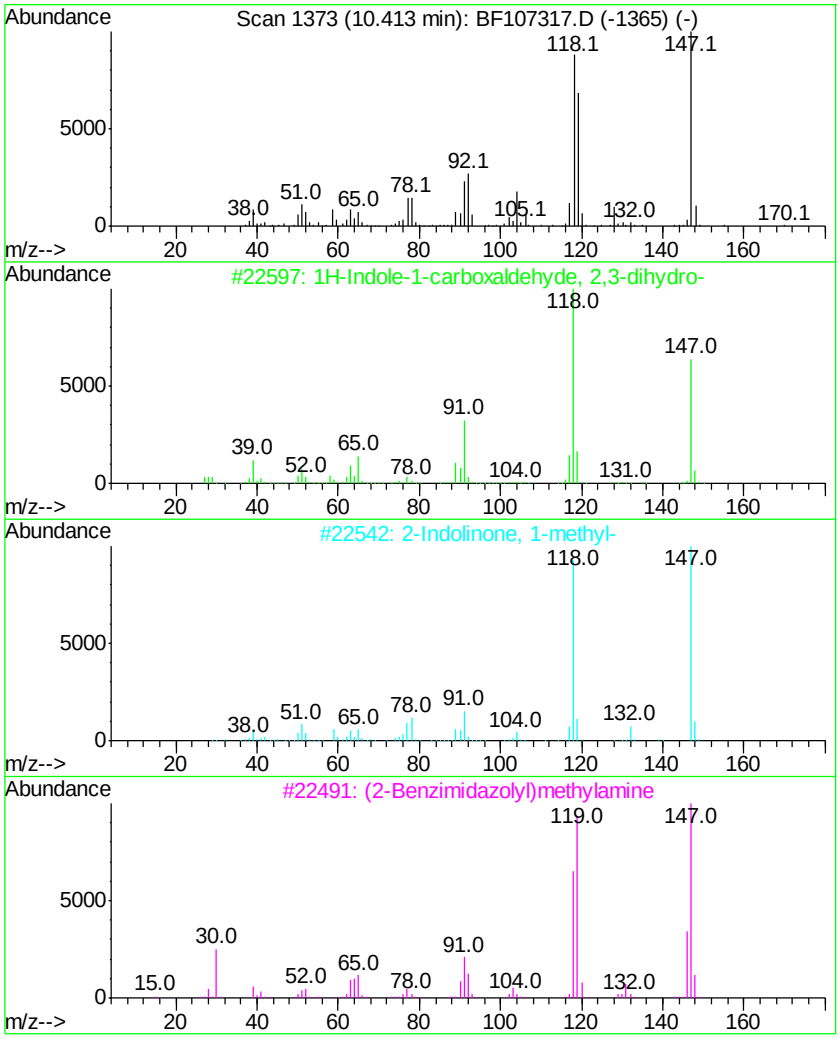
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

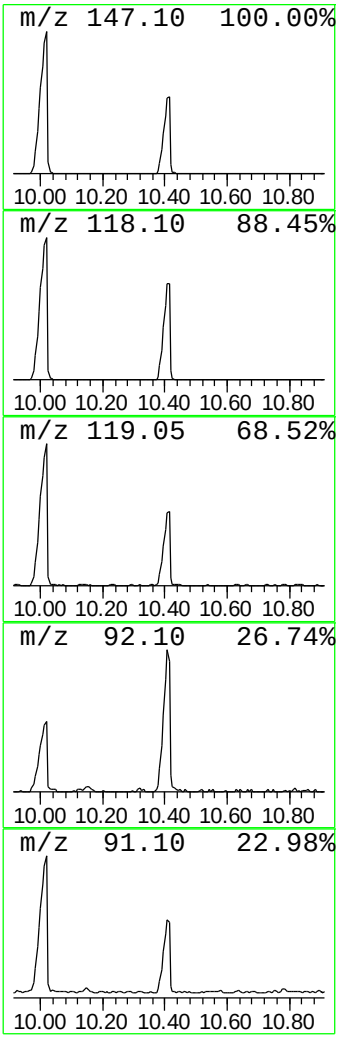
****

Peak Number 12 1H-Indole-1-carboxaldehyde,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	21.80 ng	702407	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	64
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	62
3	(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	52
4	7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	46
5	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

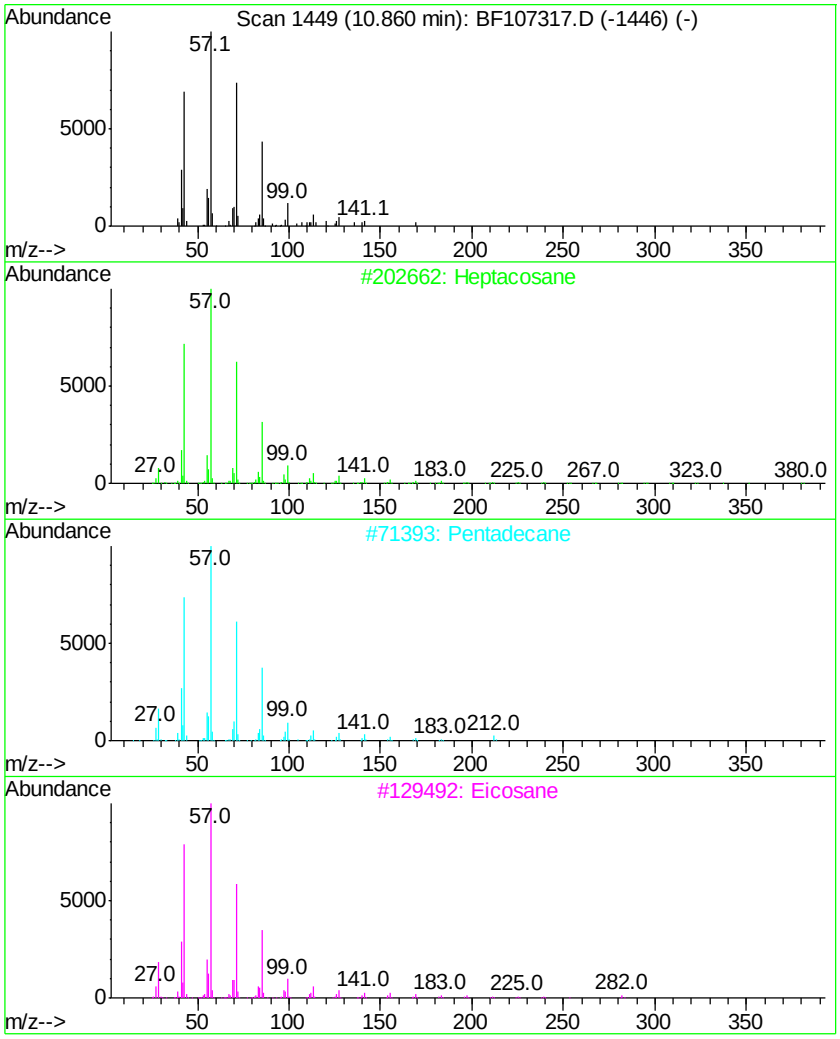
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

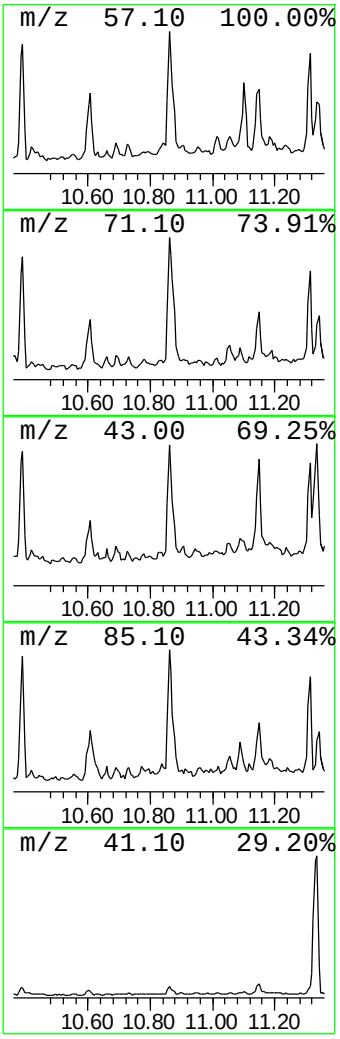
****

Peak Number 13 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	5.08 ng	108828	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

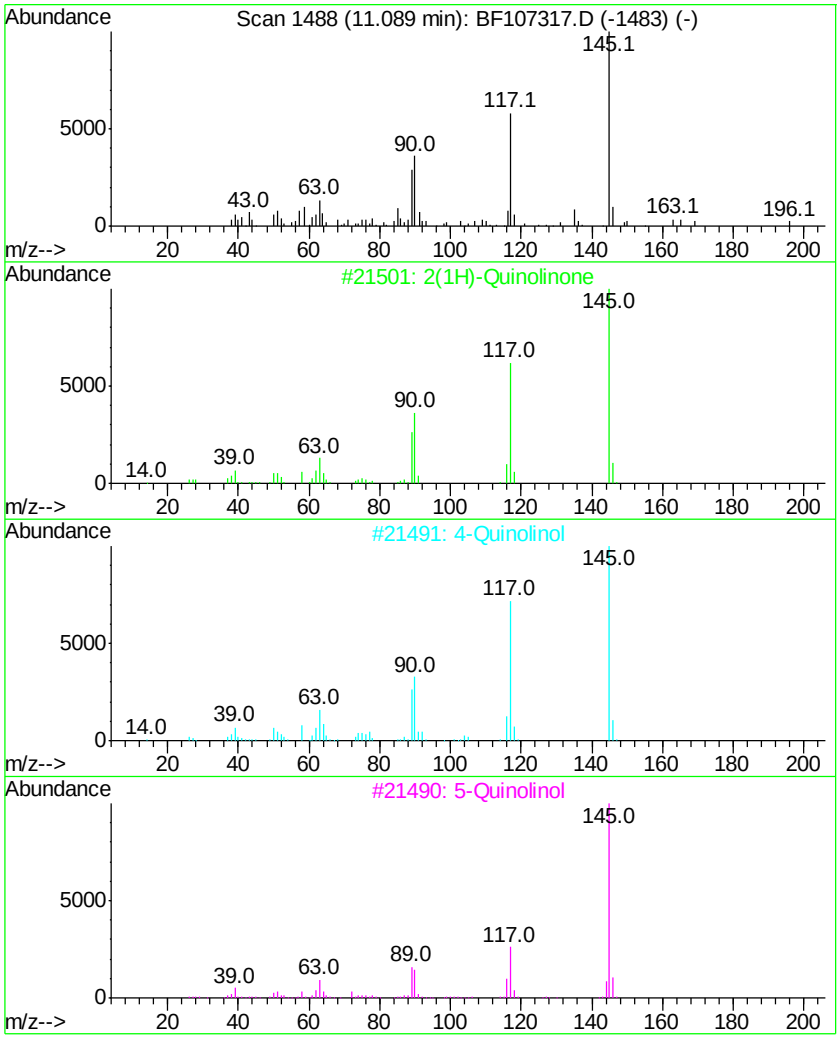
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

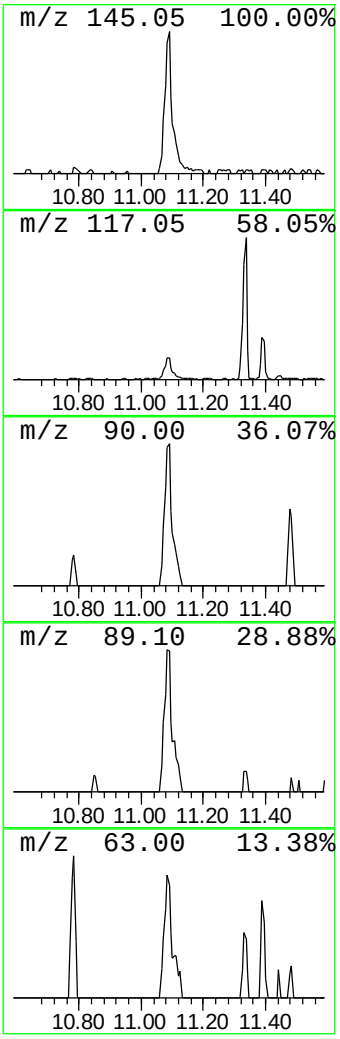
****

Peak Number 14 2(1H)-Quinolinone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.24 ng	112354	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	95
2	4-Quinolinol	145	C9H7NO	000611-36-9	91
3	5-Quinolinol	145	C9H7NO	000578-67-6	87
4	5-Isoquinolinol	145	C9H7NO	002439-04-5	87
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

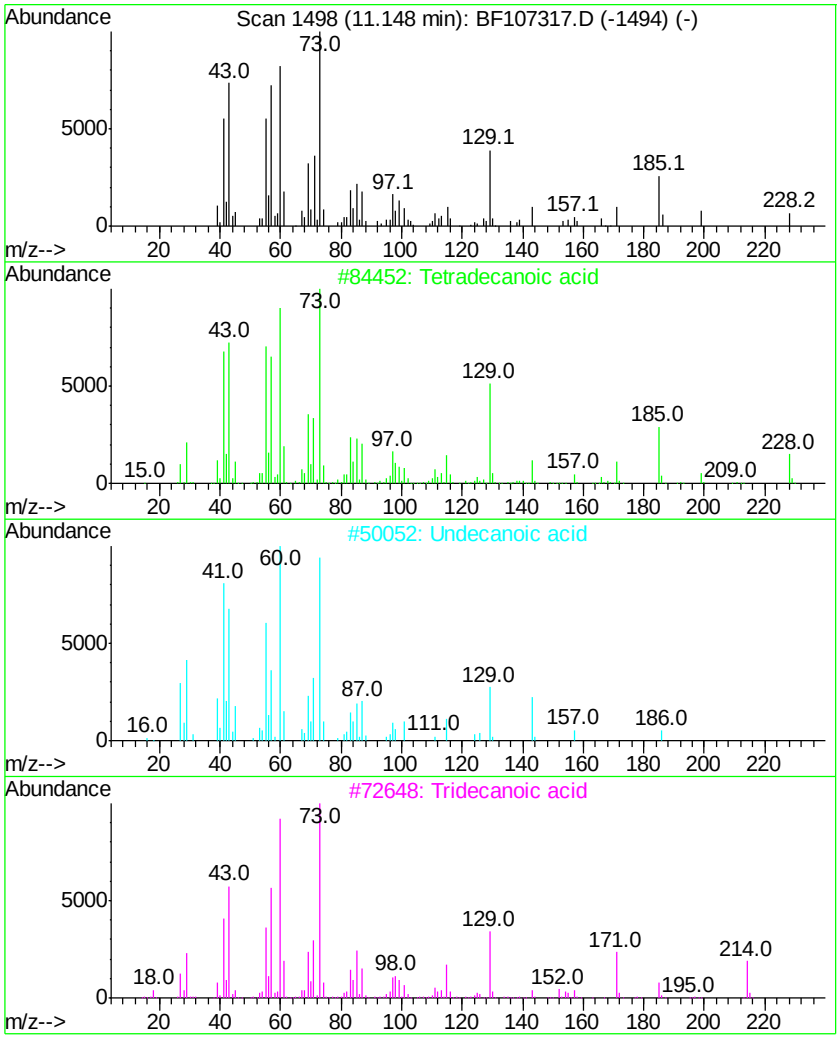
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

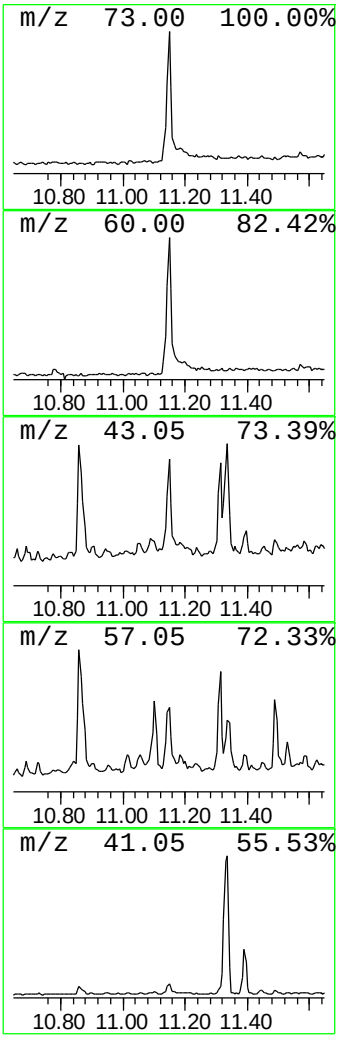
****

Peak Number 15 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	6.21 ng	133125	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

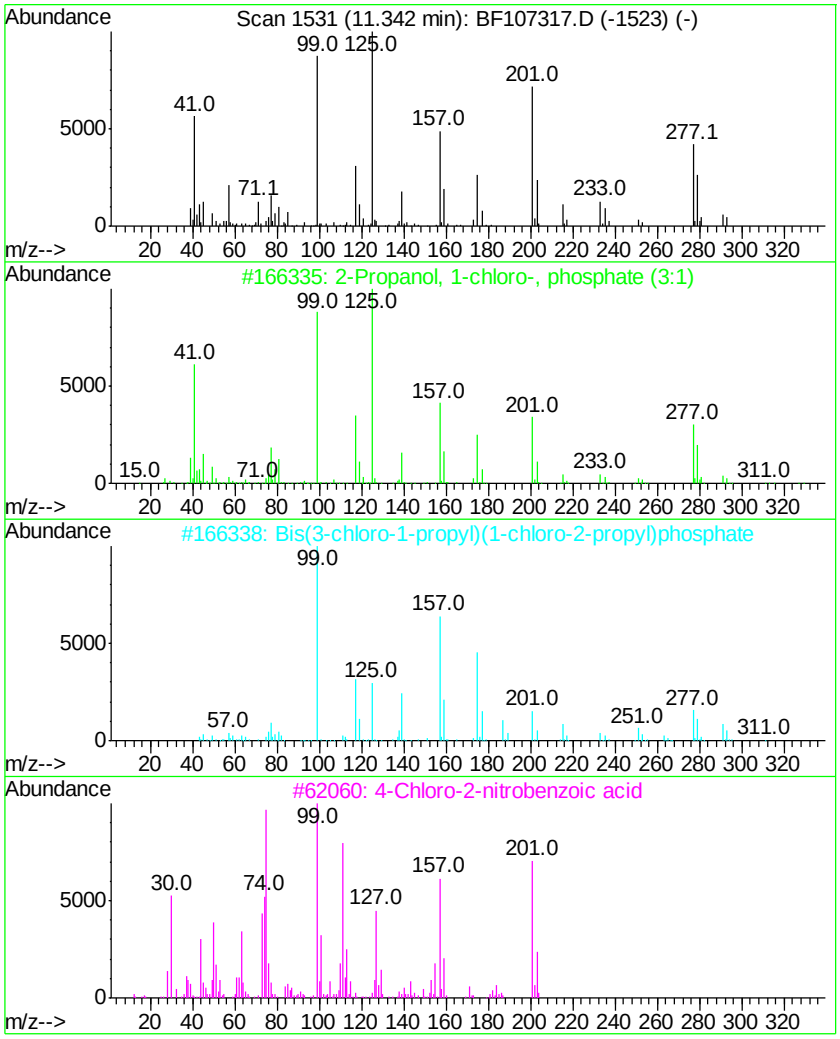
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

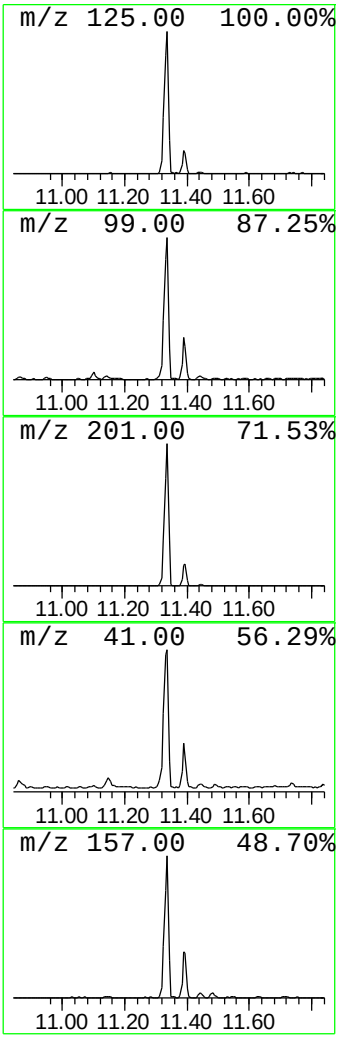
****

Peak Number 16 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	48.72 ng	1043780	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	70
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
3	4-Chloro-2-nitrobenzoic acid	201	C7H4ClNO4	006280-88-2	22
4	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	14
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

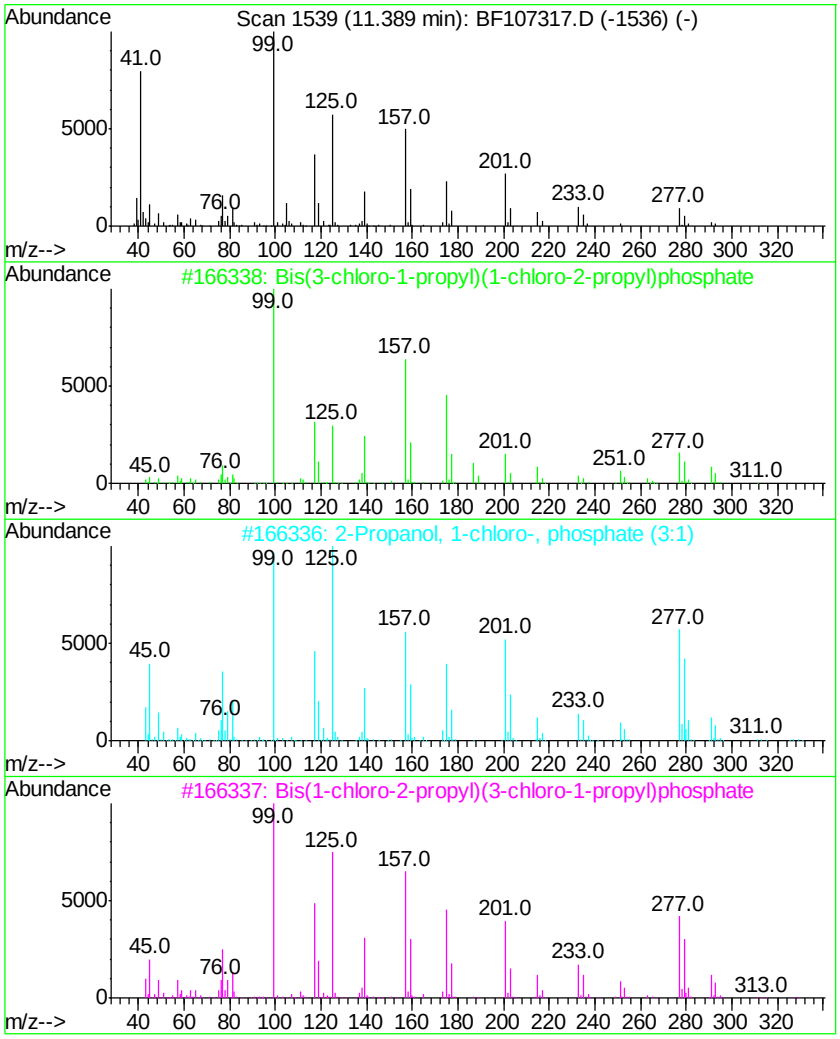
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

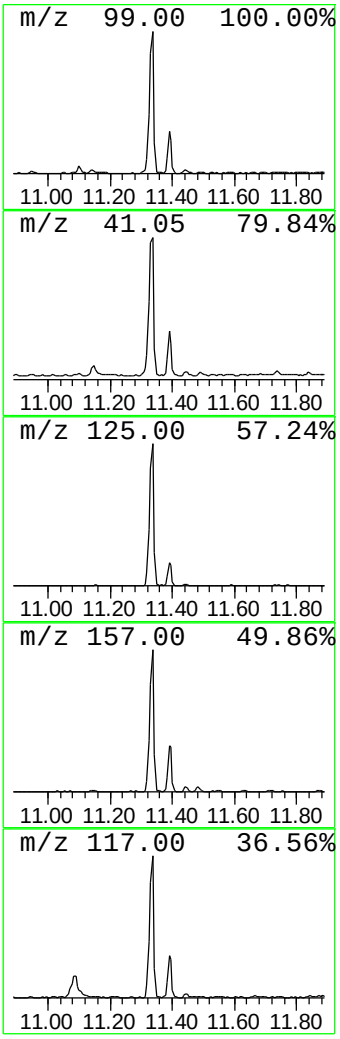
****

Peak Number 17 unknown11.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	13.07 ng	280012	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	45
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	45
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
5	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

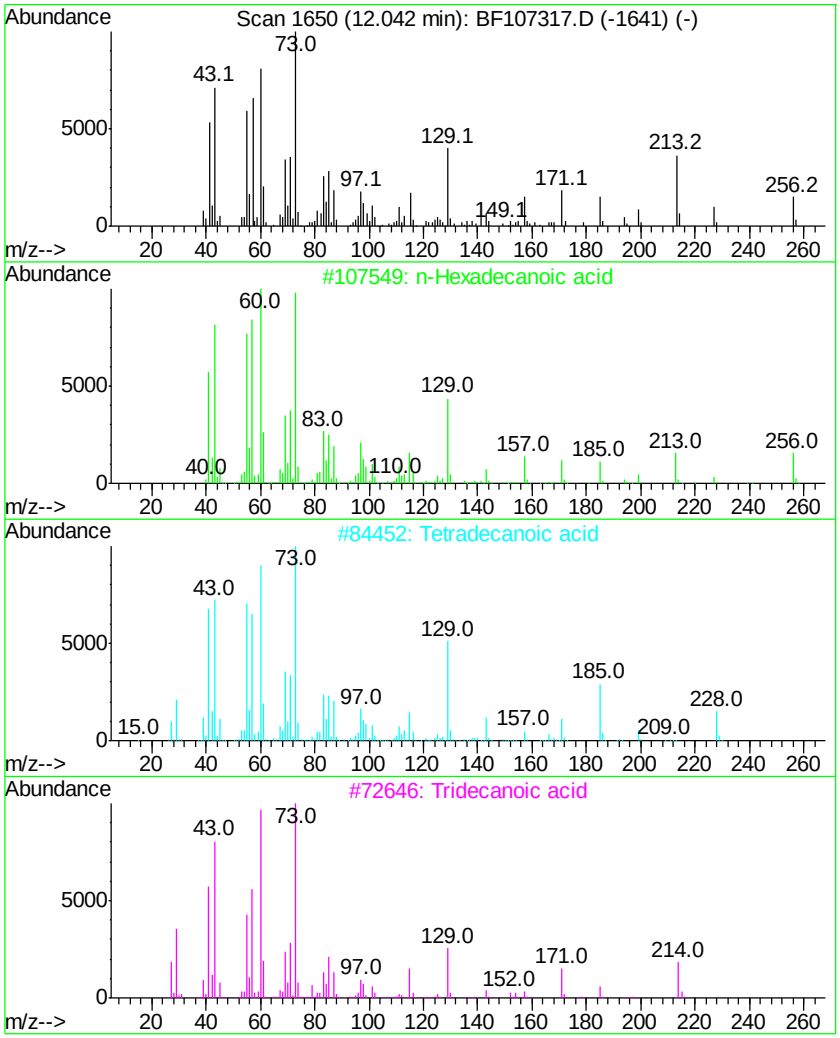
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

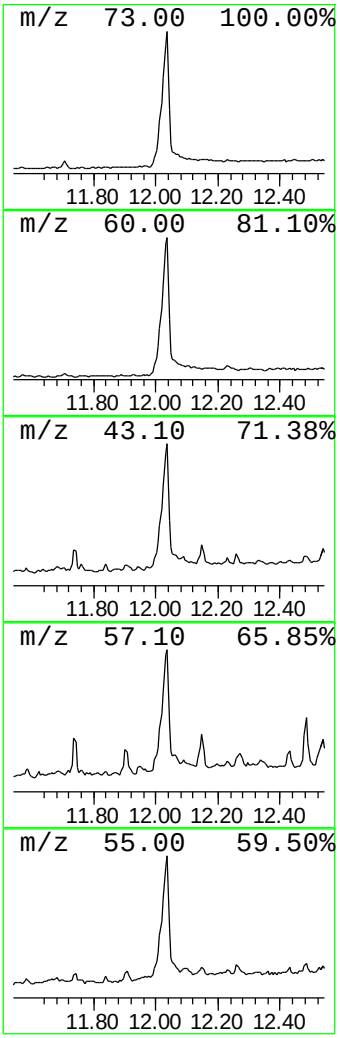
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	38.11 ng	816612	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

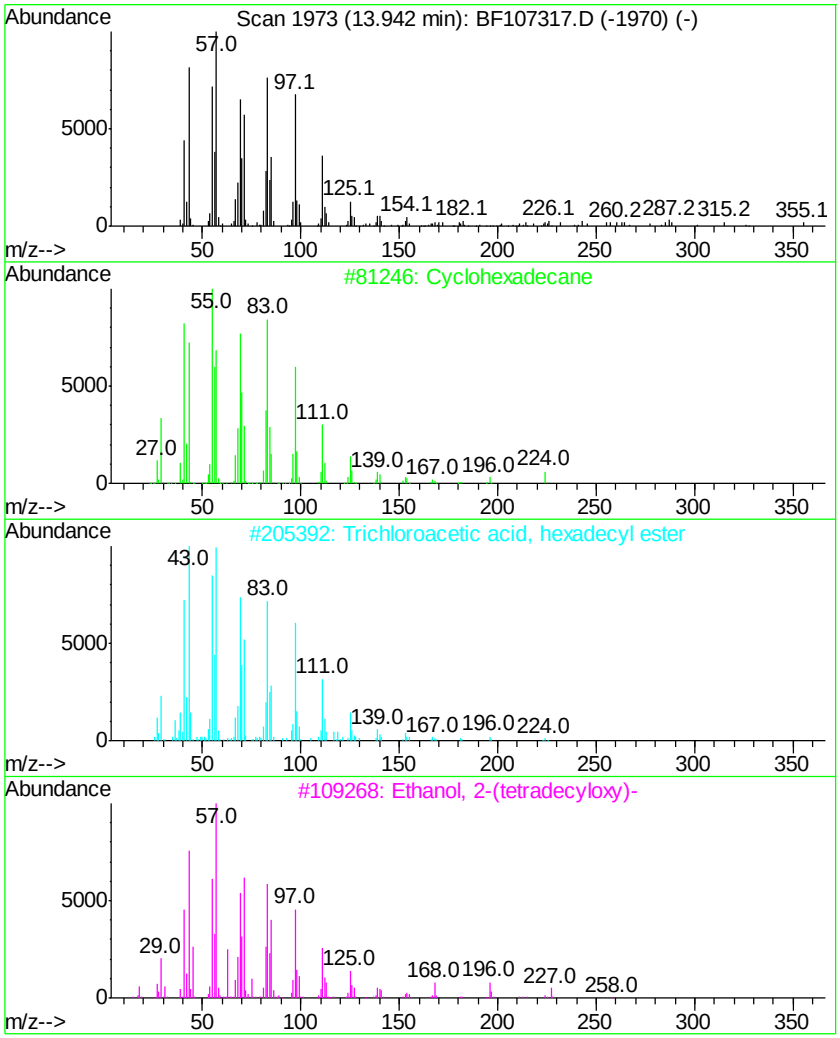
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

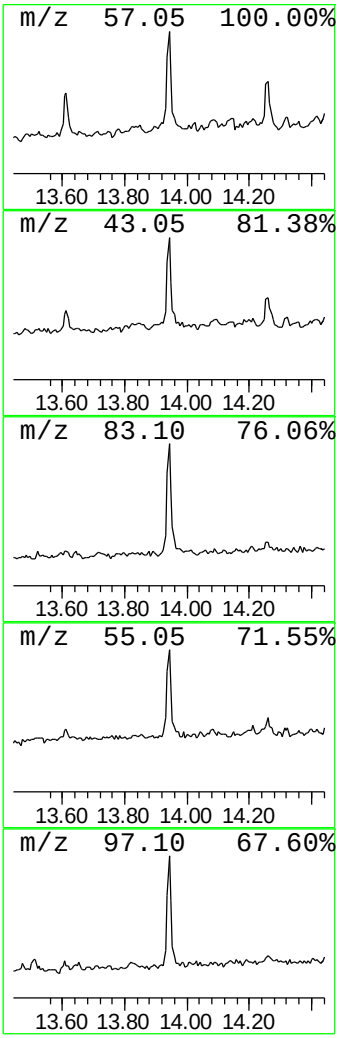
****

Peak Number 19 Cyclohexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	9.02 ng	184232	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5	1-Tricosene	322	C23H46	018835-32-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

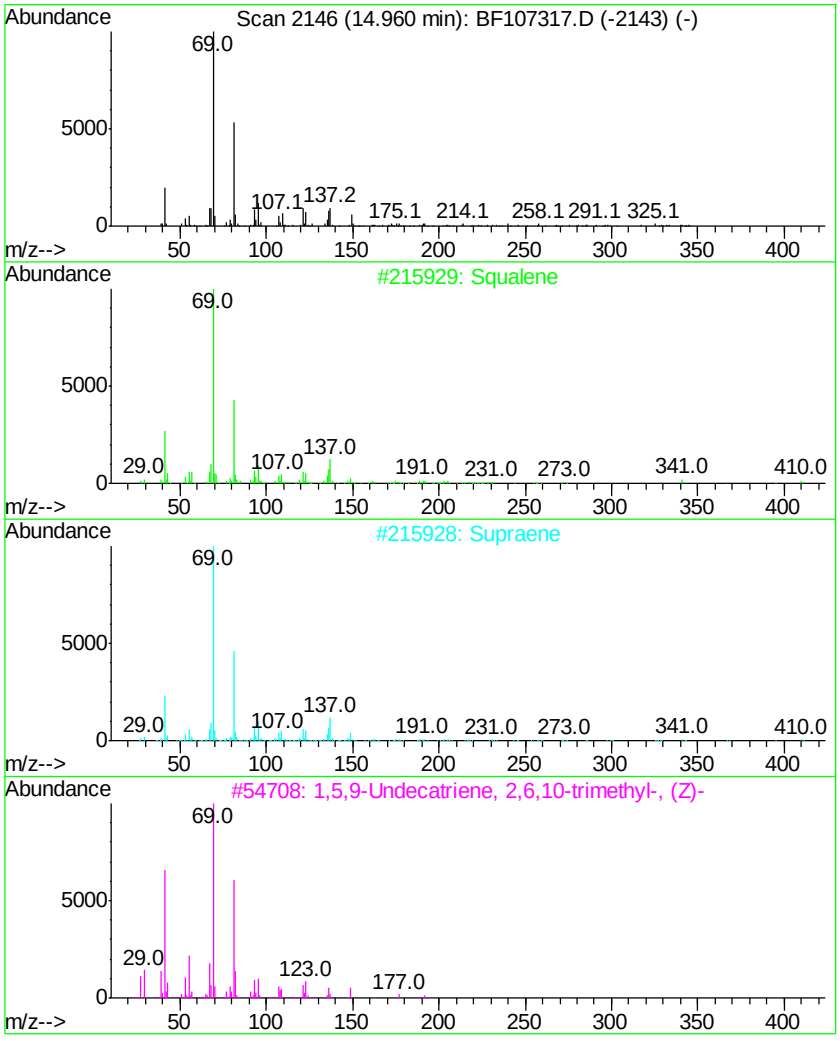
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

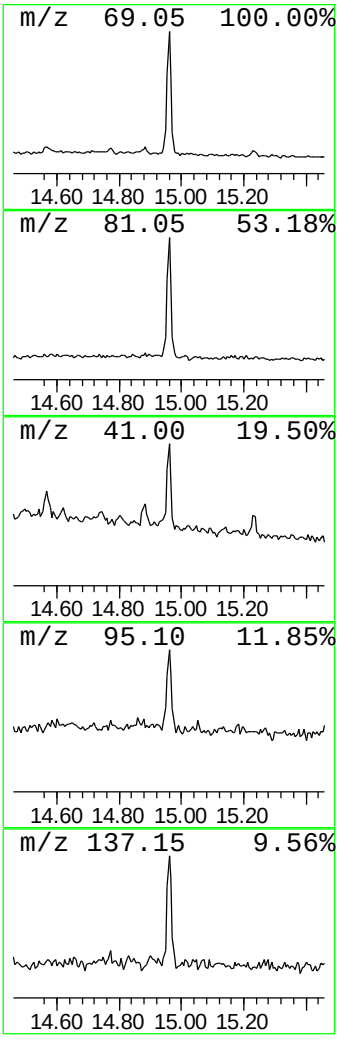
****

Peak Number 20 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	9.43 ng	144537	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	86
2	Supraene	410	C30H50	007683-64-9	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107317.D
Acq On : 11 Jul 2018 22:53
Operator : JU/SJ
Sample : J3911-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB21029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
Cyclohexanol	5.74	5.9	ng	541148	1	6.93	1823270	20.0
Hexanoic acid, 2-...	7.30	31.6	ng	2879990	1	6.93	1823270	20.0
p-Cresol	7.41	100.4	ng	9156800	1	6.93	1823270	20.0
Hexanoic acid, 2-...	7.74	42.0	ng	853700	2	8.22	406658	20.0
Butanoic acid, 2-...	7.81	33.5	ng	680612	2	8.22	406658	20.0
unknown7.85	7.85	7.6	ng	154898	2	8.22	406658	20.0
Benzeneacetic acid	8.55	15.9	ng	323586	2	8.22	406658	20.0
Hydrocinnamic acid	9.08	35.2	ng	716132	2	8.22	406658	20.0
1,1'-Biphenyl, 2-...	9.29	6.6	ng	212075	3	9.98	644272	20.0
1H-Indole, 3-methyl-	9.42	14.9	ng	478881	3	9.98	644272	20.0
1H-Indole-1-carbo...	10.41	21.8	ng	702407	3	9.98	644272	20.0
Heptacosane	10.86	5.1	ng	108828	4	11.48	428502	20.0
2(1H)-Quinolinone	11.09	5.2	ng	112354	4	11.48	428502	20.0
Tetradecanoic acid	11.15	6.2	ng	133125	4	11.48	428502	20.0
2-Propanol, 1-chl...	11.34	48.7	ng	1043780	4	11.48	428502	20.0
unknown11.39	11.39	13.1	ng	280012	4	11.48	428502	20.0
n-Hexadecanoic acid	12.04	38.1	ng	816612	4	11.48	428502	20.0
Cyclohexadecane	13.94	9.0	ng	184232	5	14.14	408661	20.0
Squalene	14.96	9.4	ng	144537	6	15.68	306409	20.0