LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

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-BF091020.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	5.445	567	571	575	rBV	2029976	1866556	2.36%	0.712%
2	5.957	636	658	660	rBV	426813	1834553	2.32%	0.700%
3	6.339	702	723	725	rBV	402237	1637622	2.07%	0.625%
4	6.475	739	746	752	rBV2	1303257	3317947	4.20%	1.266%
5	6.816	802	804	808	rVB	911380	837507	1.06%	0.319%
6	7.357	848	896	898	rVV3	9338254	78991549	100.00%	30.131%
7	7.422	902	907	911	rVB	1822817	2401308	3.04%	0.916%
8	7.816	933	974	975	rBV	1813773	12155341	15.39%	4.637%
9	7.910	981	990	992	rBV	3482375	6169732	7.81%	2.353%
10	8.116	1014	1025	1027	rBV	1876411	3901509	4.94%	1.488%
11	8.480	1084	1087	1090	rVB	1701712	1487815	1.88%	0.568%
12	8.586	1099	1105	1107	rBV	1440787	1667021	2.11%	0.636%
13	8.698	1117	1124	1128	rBV	1057167	1298639	1.64%	0.495%
14	8.822	1135	1145	1150	rVB	1679280	3355756	4.25%	1.280%
15	8.986	1159	1173	1175	rVV	1445237	3872335	4.90%	1.477%
16	9.186	1175	1207	1211	rVV2	7595109	45447602	57.53%	17.336%
17	9.269	1215	1221	1223	rVV	1436059	1585251	2.01%	0.605%
18	9.310	1223	1228	1229	rVV	2321775	3317973	4.20%	1.266%
19	9.710	1291	1296	1303	rVV	1506065	2277341	2.88%	0.869%
20	9.827	1313	1316	1320	rVV2	1789863	2326339	2.95%	0.887%
21	9.869	1320	1323	1326	rVV2	1668983	1919855	2.43%	0.732%
22	10.080	1349	1359	1363	rBV	2287401	4789034	6.06%	1.827%
23	10.122	1363	1366	1370	rVB3	702745	817520	1.03%	0.312%
24	10.522	1429	1434	1437	rBV	972689	1112038	1.41%	0.424%
25	10.616	1446	1450	1452	rBV2	1267574	1531705	1.94%	0.584%
26	10.669	1452	1459	1465	rVB3	3263749	6900419	8.74%	2.632%
27	10.792	1475	1480	1483	rBV	2385930	2504374	3.17%	0.955%
28	11.257	1556	1559	1564	rVB	2906864	3208803	4.06%	1.224%
29	11.363	1574	1577	1581	rBV2	1309885	1653008	2.09%	0.631%
30	11.610	1616	1619	1622	rBV	1189235	1120873	1.42%	0.428%
31	12.345	1741	1744	1749	rVB	748932	965072	1.22%	0.368%
32	12.686	1799	1802	1808	rVB2	1188229	1227985	1.55%	0.468%
33	12.951	1842	1847	1850	rVB	3889594	3894108	4.93%	1.485%
34	13.992	2021	2024	2028	rVB	997979	936240	1.19%	0.357%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.074	2034	2038	2045	rVB3	936965	1550980	1.96%	0.592%
36	14.380	2086	2090	2097	rVB3	1243051	1738611	2.20%	0.663%
37	14.692	2137	2143	2152	rVB3	5460252	8676924	10.98%	3.310%
38	15.009	2192	2197	2207	rVB4	3554086	5208316	6.59%	1.987%
39	15.392	2253	2262	2268	rBV2	6778804	14096471	17.85%	5.377%
40	15.456	2268	2273	2277	rBV	676164	879387	1.11%	0.335%
41	15.792	2323	2330	2342	rVB3	3510879	6342734	8.03%	2.419%
42	16.274	2403	2412	2422	rBV2	3782584	7836144	9.92%	2.989%
43	16.821	2497	2505	2517	rVB2	908701	1968571	2.49%	0.751%
44	17.474	2608	2616	2634	rVB3	465709	1527950	1.93%	0.583%

Sum of corrected areas: 262156818

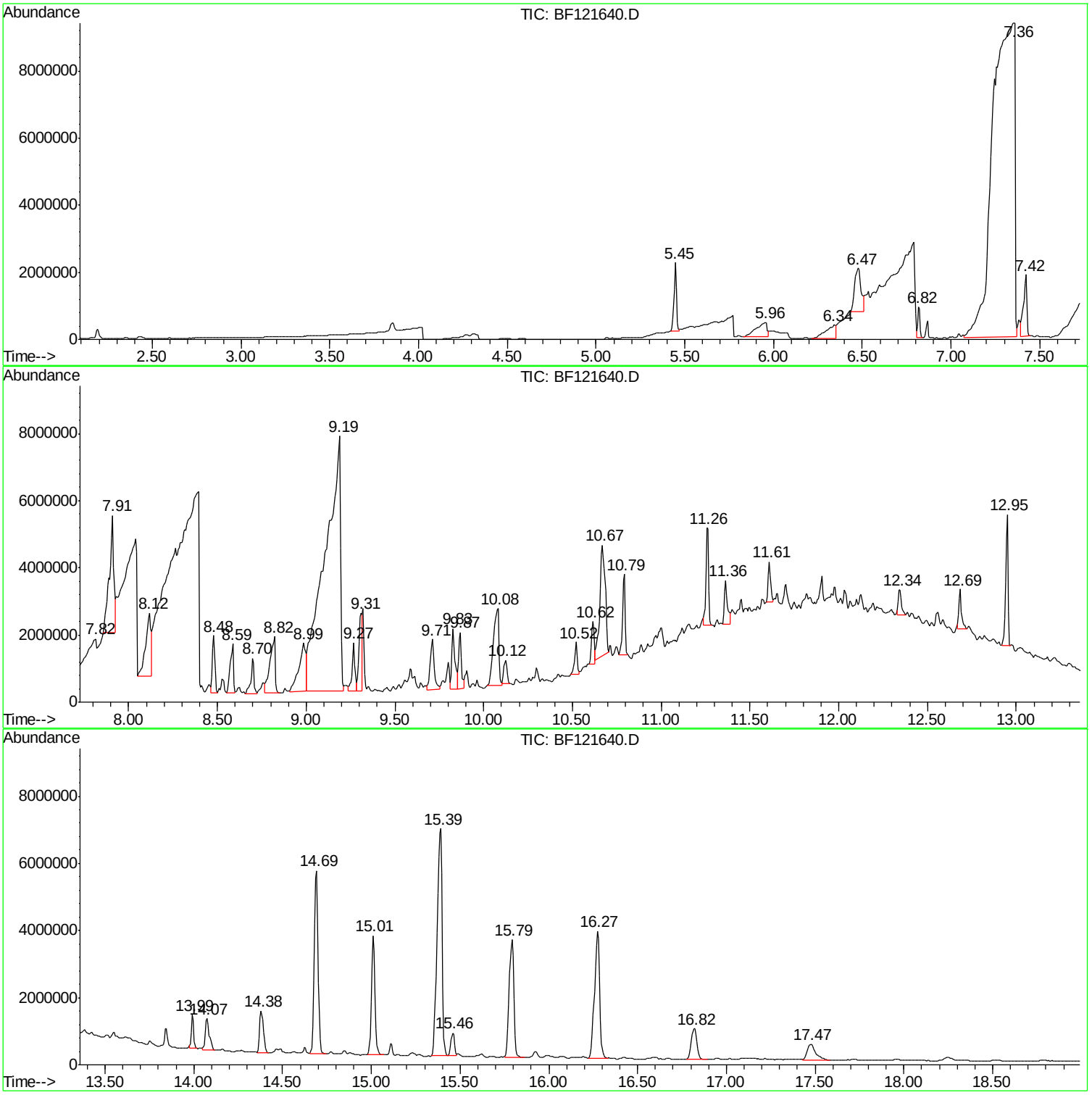
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

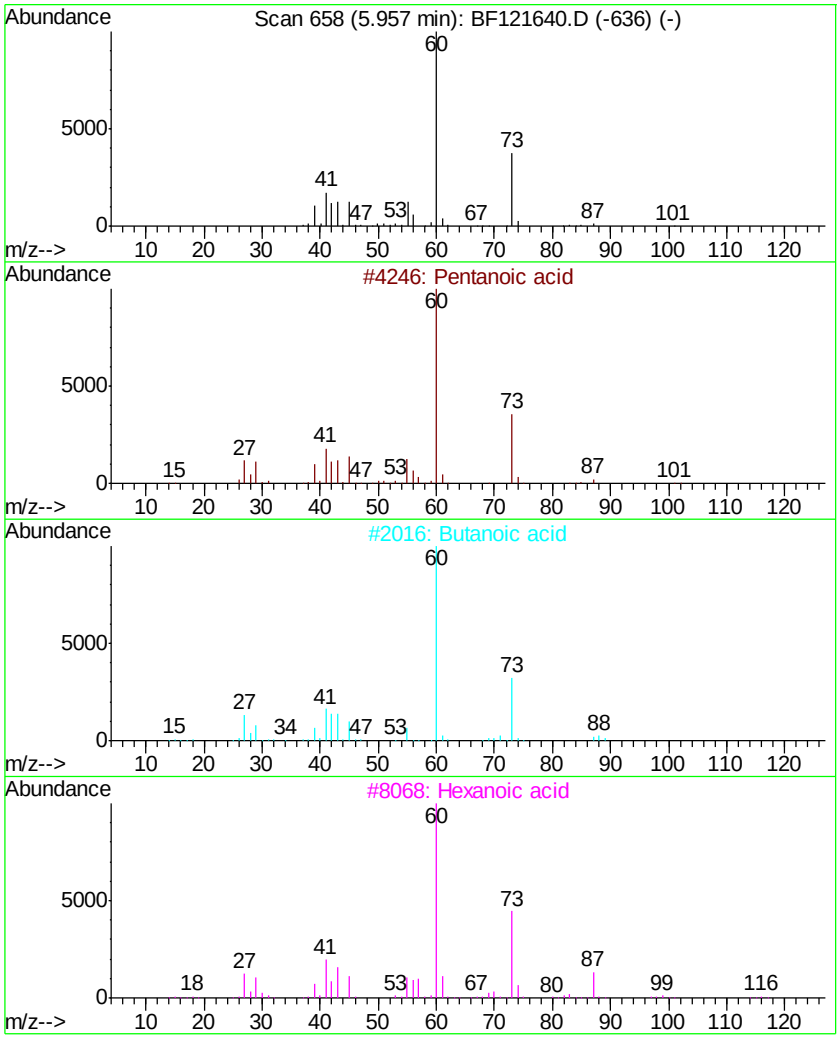
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

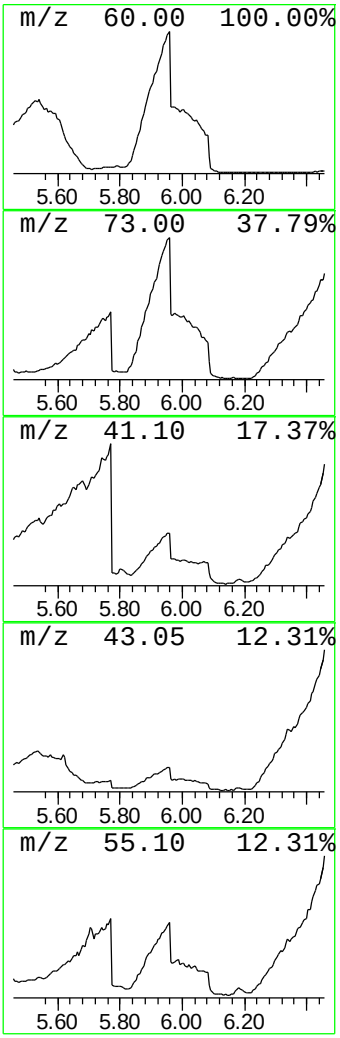
****

Peak Number 1 Pentanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	43.81 ng	1834550	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Butanoic acid	88	C4H8O2	000107-92-6	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	56
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	33
5	1-Butanamine	73	C4H11N	000109-73-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

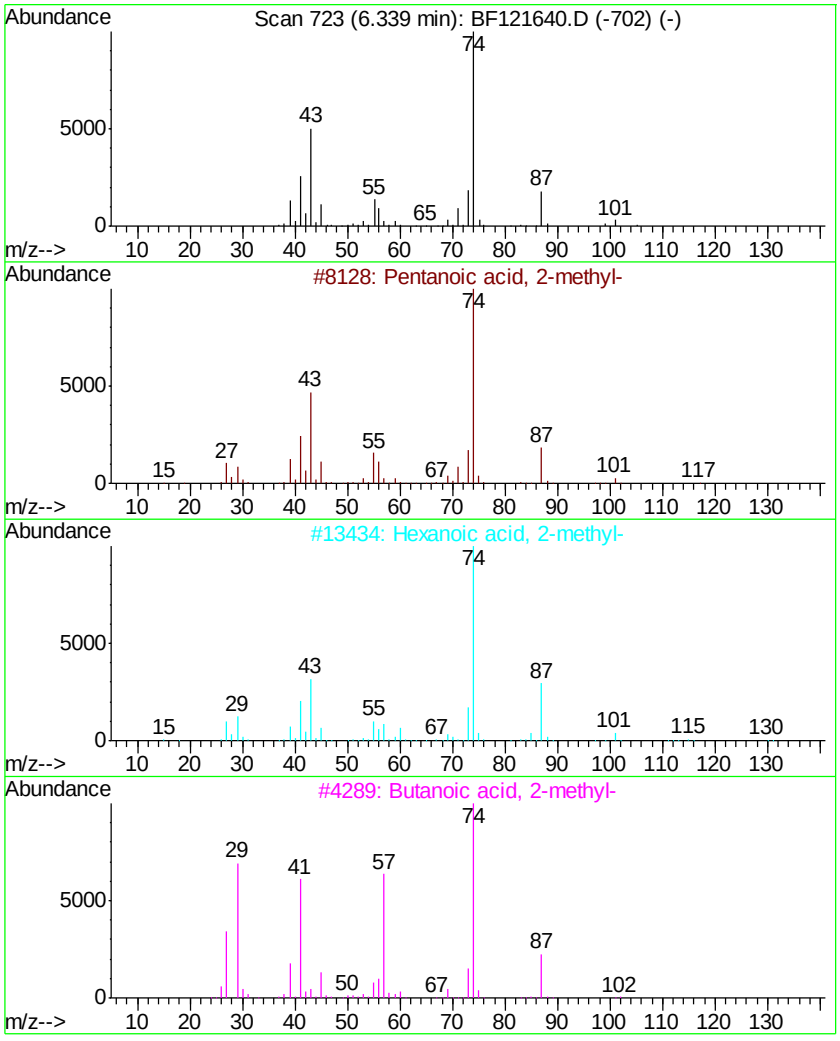
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

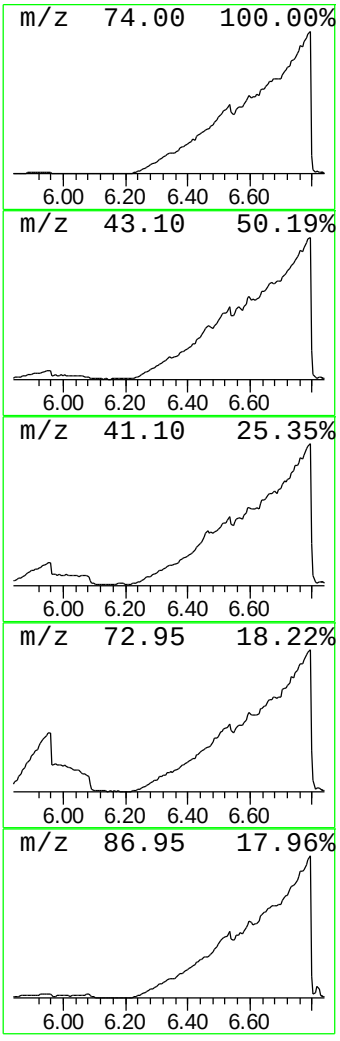
****

Peak Number 2 Pentanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	39.11 ng	1637620	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	90
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
4	3-(Dioxolan-2-yl)-1,1-dimethyl-2...	251	C14H21NO3	1000305-98-1	45
5	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

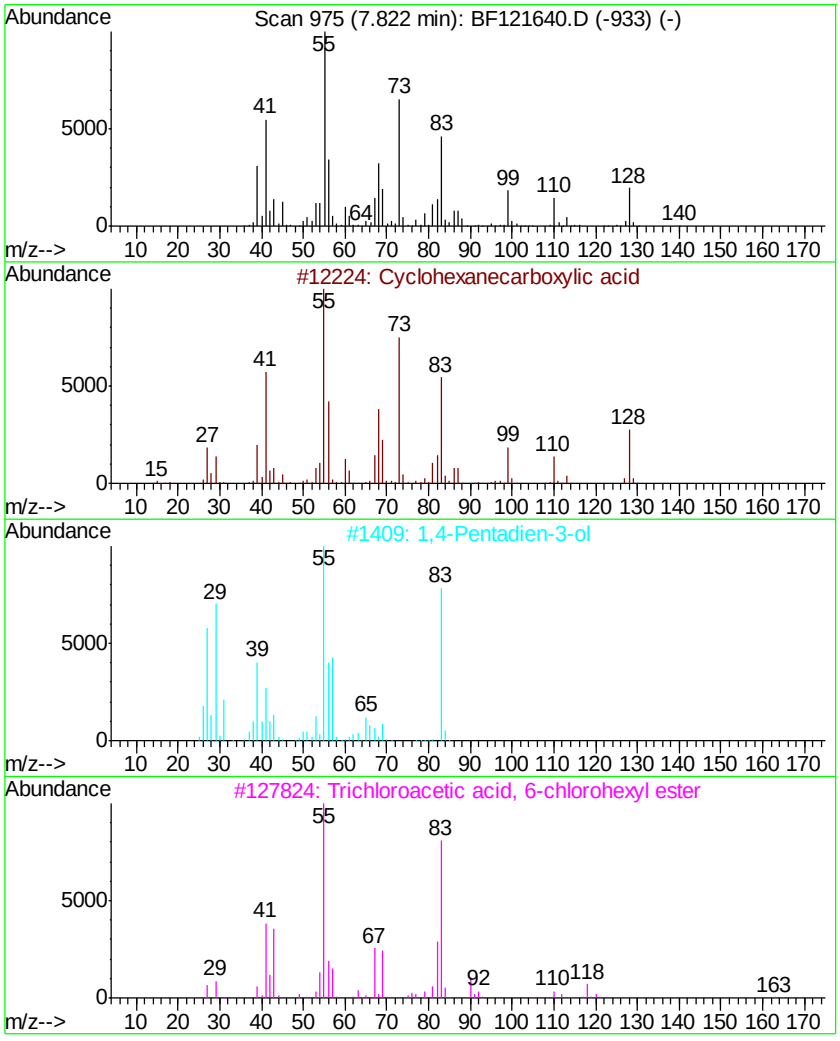
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

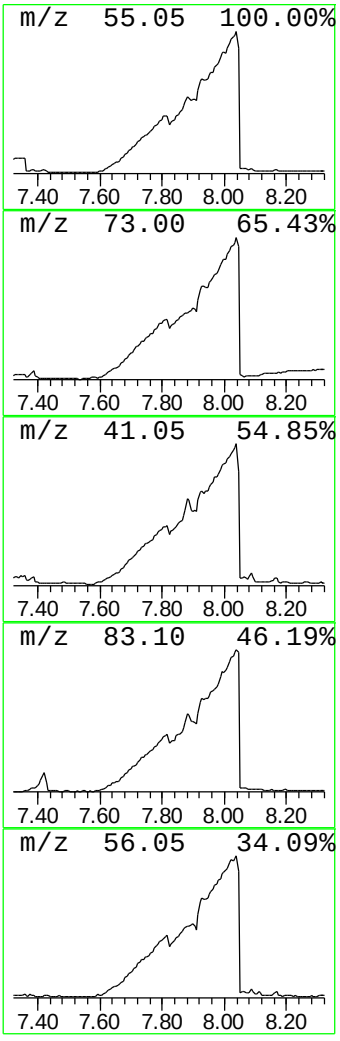
****

Peak Number 3 Cyclohexanecarboxylic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	62.31 ng	12155300	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	96
2	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	30
3	Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	27
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

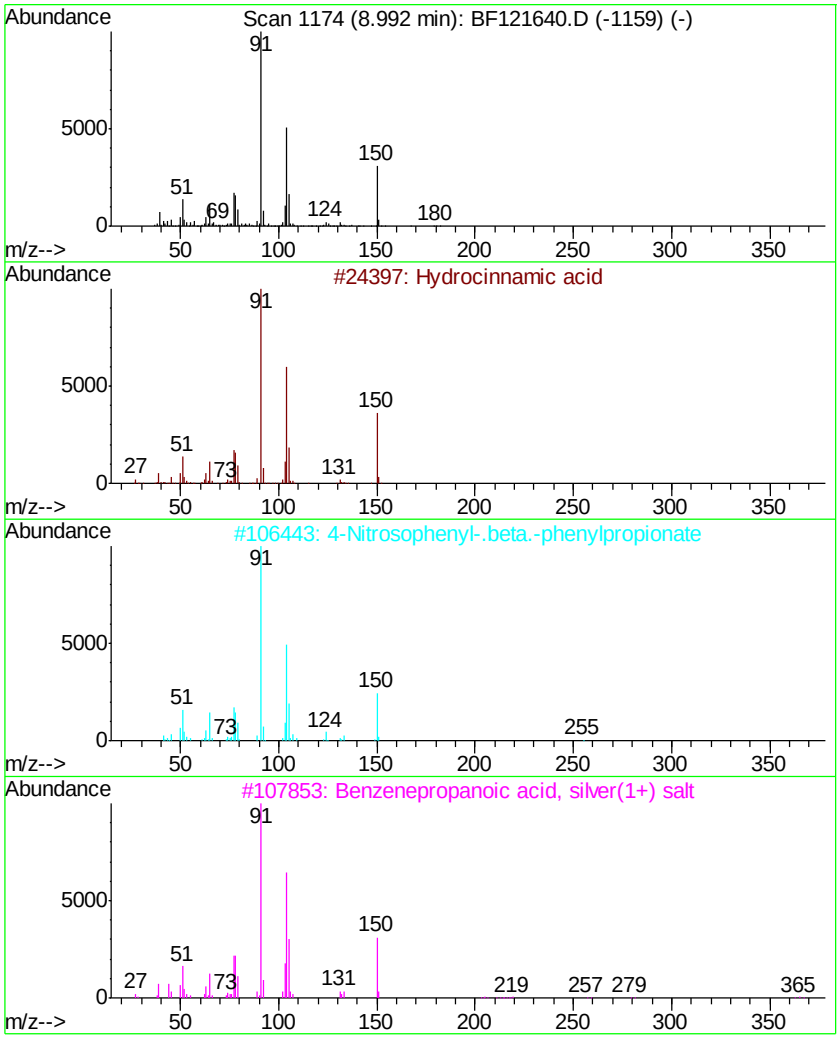
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

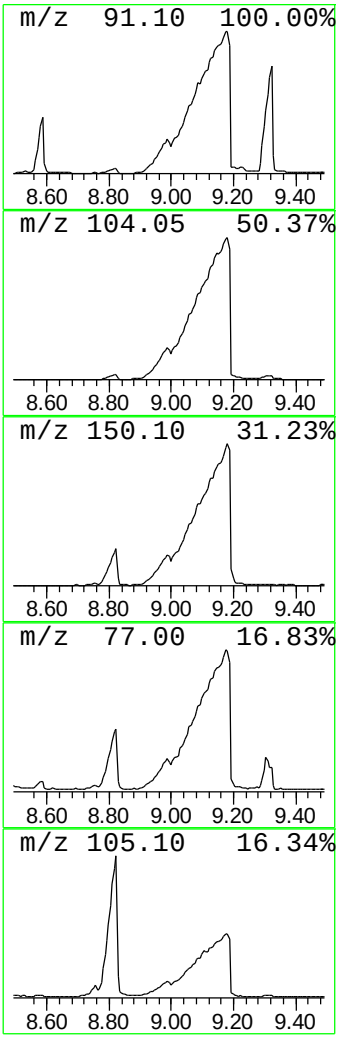
****

Peak Number 4 Hydrocinnamic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	19.85 ng	3872340	Naphthalene-d8	8.12

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	90
3	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	72
4	Benzenepropanoic acid 1-methylet...	192	C12H16O2	022767-95-9	59
5	Cyclopropylphenylmethane	132	C10H12	001667-00-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

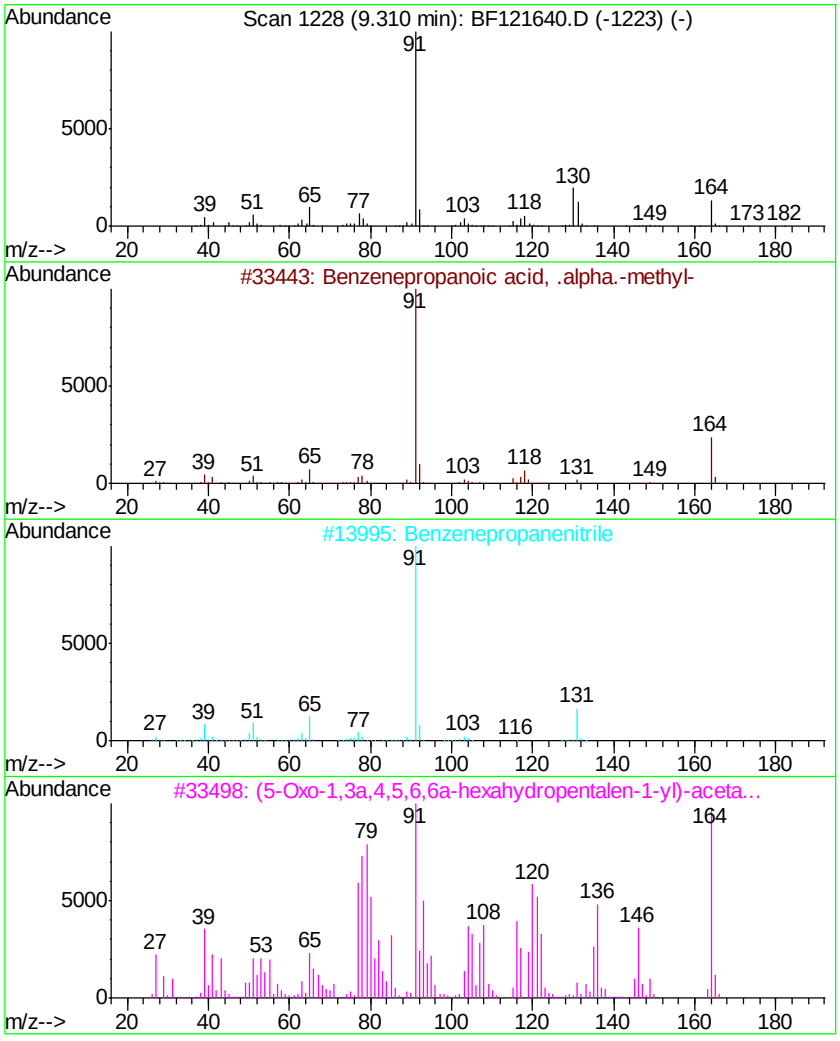
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

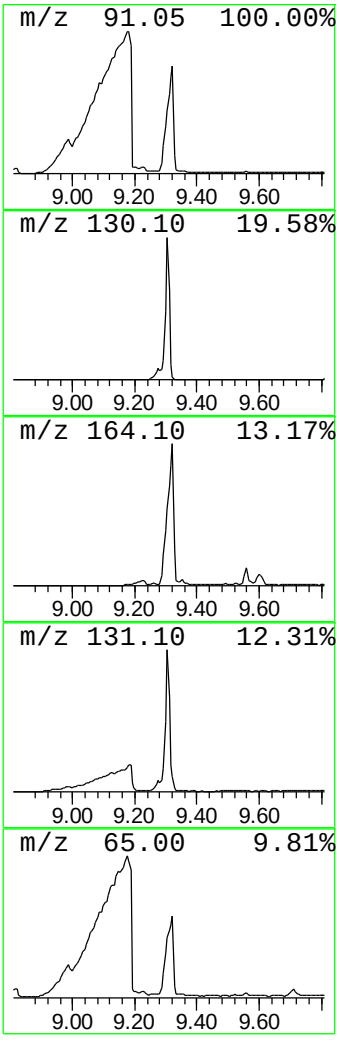
****

Peak Number 5 Benzenepropanoic acid, .alp... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	34.56 ng	3317970	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-m...	164	C10H12O2	001009-67-2	58
2	Benzenepropanenitrile	131	C9H9N	000645-59-0	55
3	(5-Oxo-1,3a,4,5,6,6a-hexahydrope...	164	C10H12O2	1000192-55-7	38
4	Benzeneacetic acid, ethyl ester	164	C10H12O2	000101-97-3	38
5	3-Benzyl-4-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-63-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

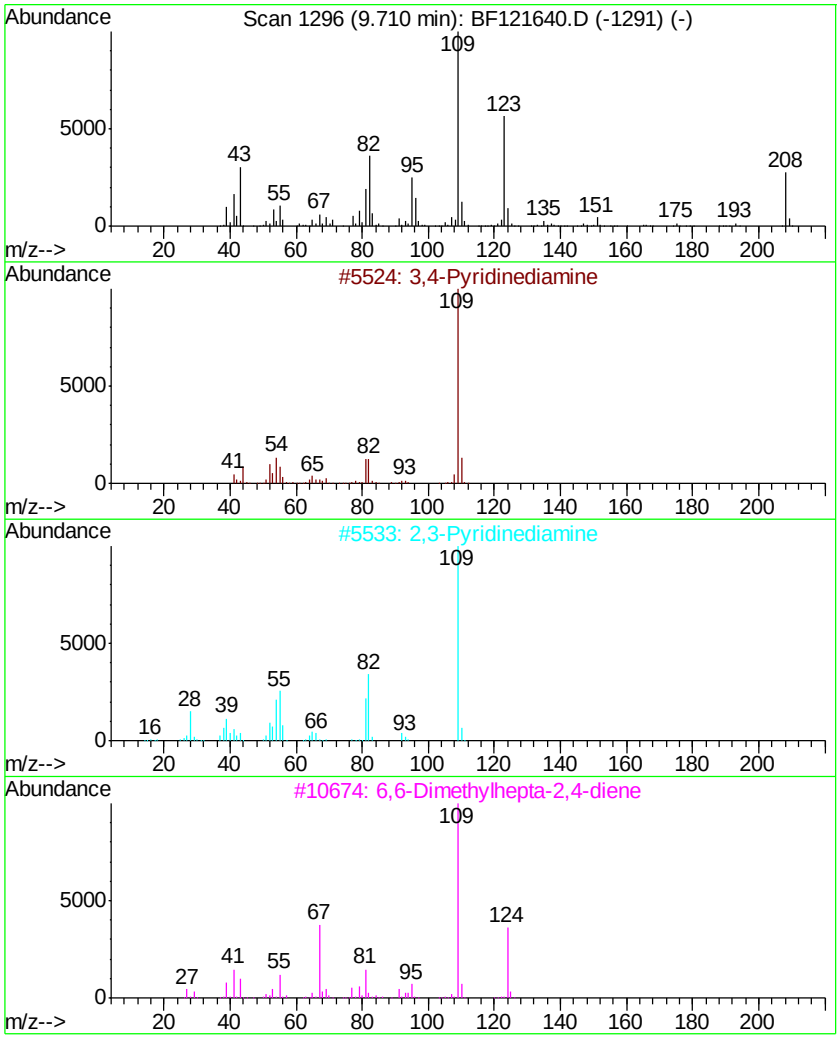
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

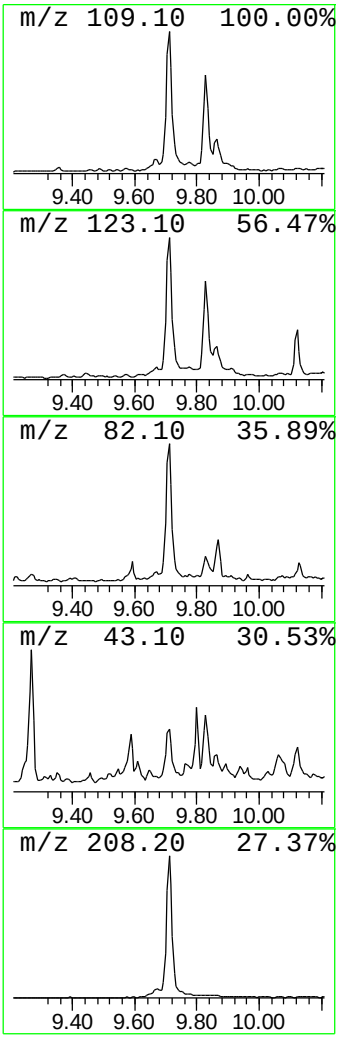
****

Peak Number 6 unknown9.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	23.72 ng	2277340	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	43
2	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	38
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	38
4	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	35
5	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

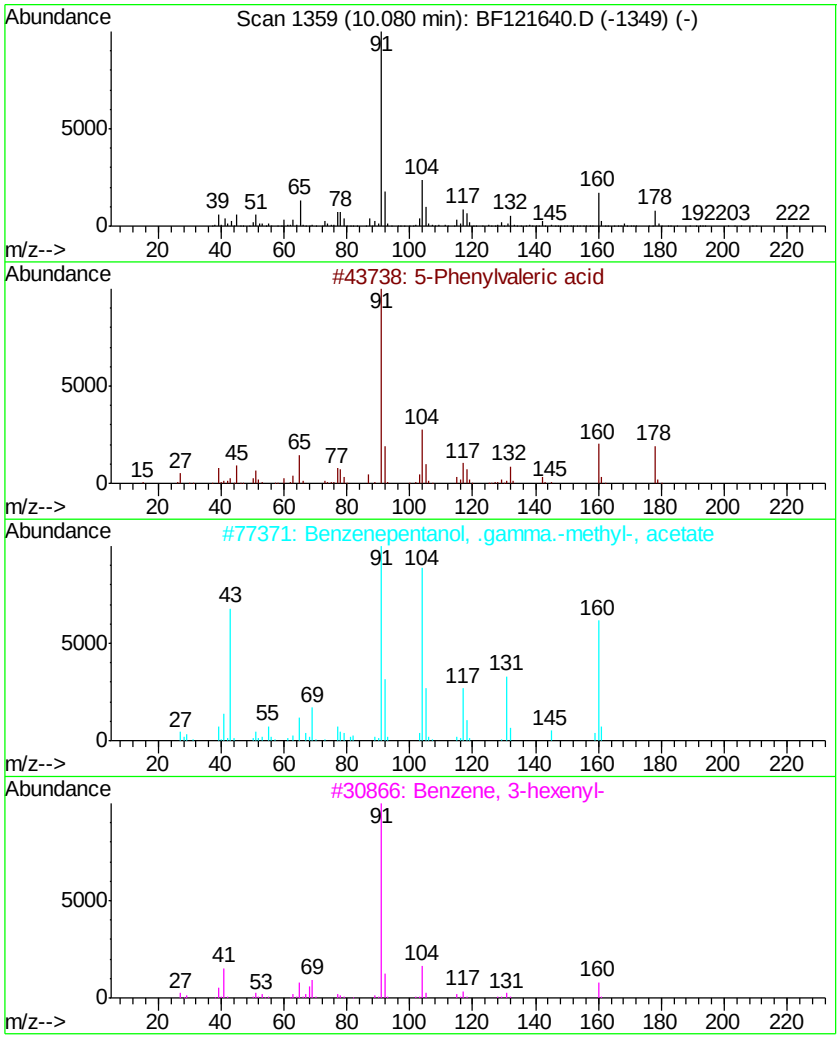
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

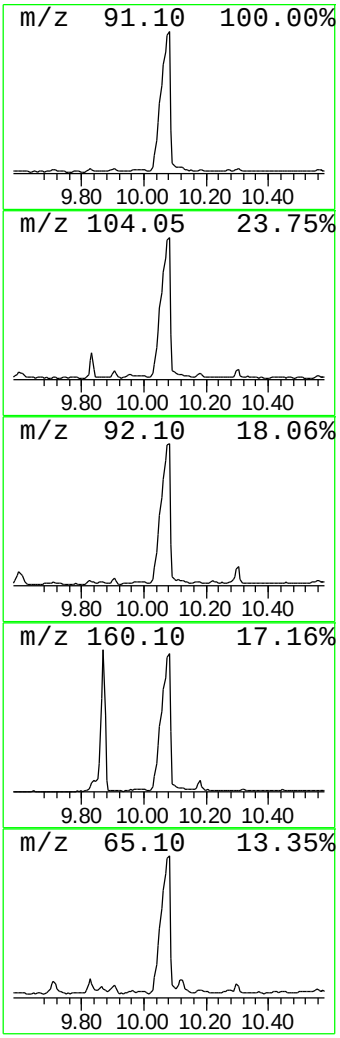
****

Peak Number 7 5-Phenylvaleric acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	49.89 ng	4789030	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenylvaleric acid	178	C11H14O2	002270-20-4	95
2	Benzenepentanol, .gamma.-methyl-...	220	C14H20O2	072681-03-9	53
3	Benzene, 3-hexenyl-	160	C12H16	035008-86-7	50
4	.beta.-Phenylethylmethylethylcar...	178	C12H18O	010415-87-9	38
5	2-Pentenal, 5-phenyl-	160	C11H12O	033046-84-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

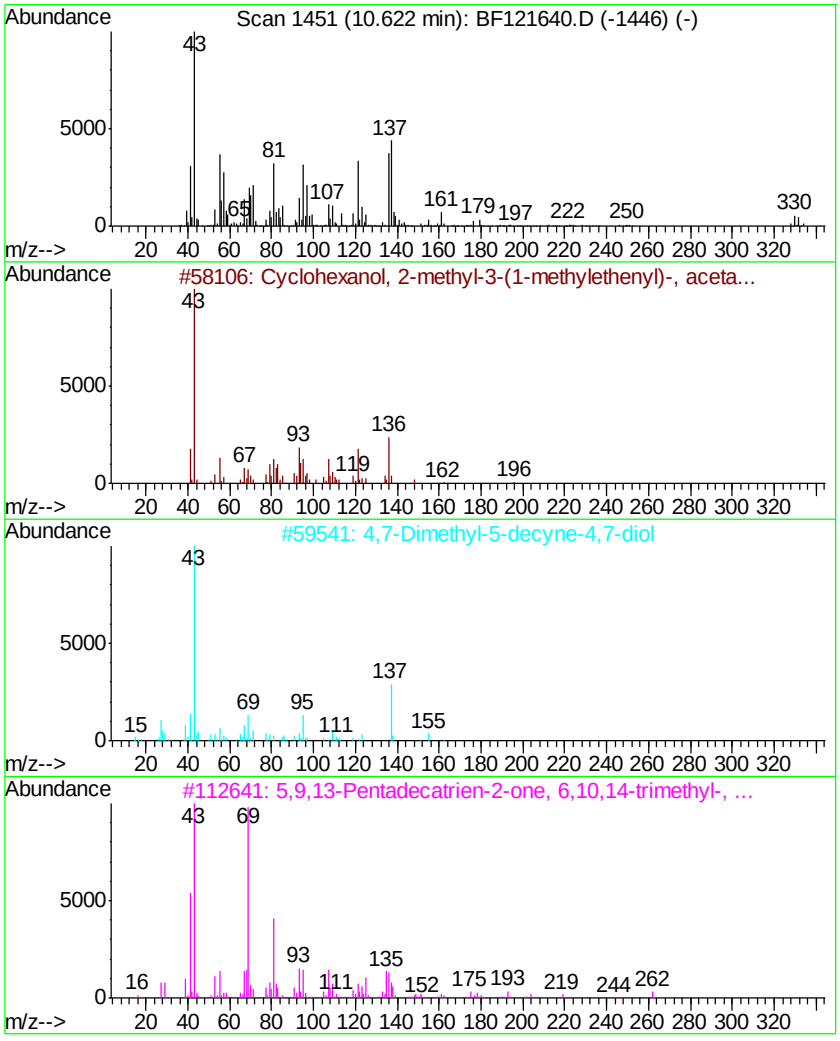
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

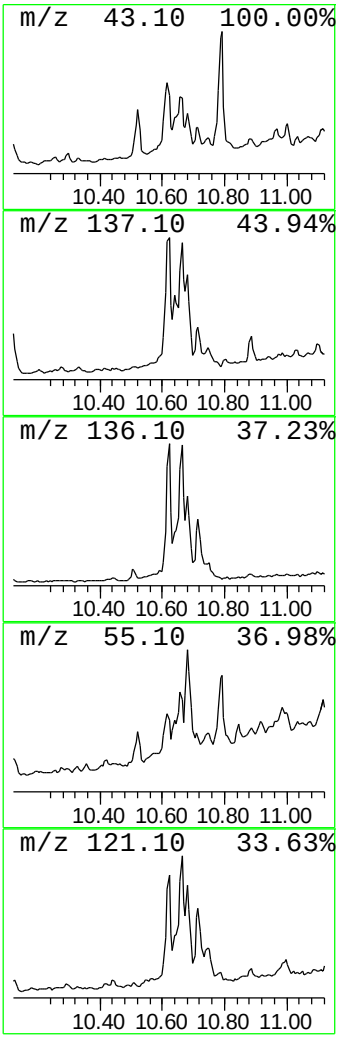
****

Peak Number 8 unknown10.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	18.53 ng	1531710	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-methyl-3-(1-meth...	196	C12H20O2	054845-29-3	38
2	4,7-Dimethyl-5-decyne-4,7-diol	198	C12H22O2	000126-87-4	35
3	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	32
4	Acetic acid, 1-methyl-3-(2,2,6-t...	250	C16H26O2	1000192-25-5	27
5	2-Butanone, 4-(2,2-dimethyl-6-me...	194	C13H22O	013720-12-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

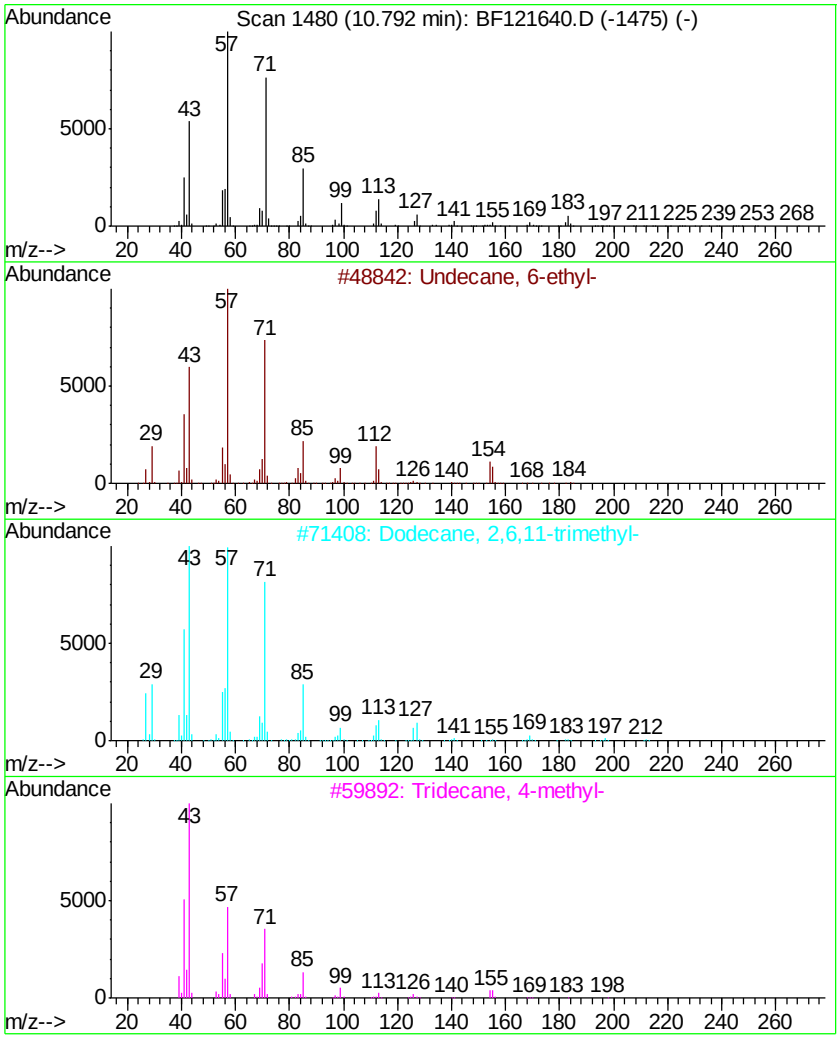
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

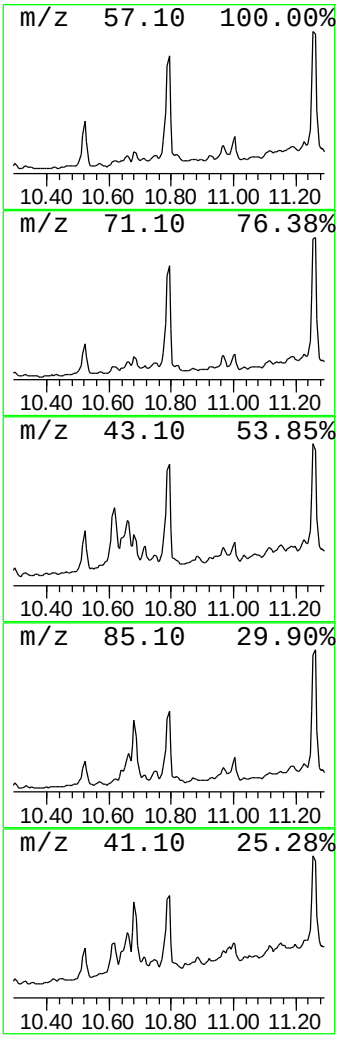
****

Peak Number 9 Undecane, 6-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	30.30 ng	2504370	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

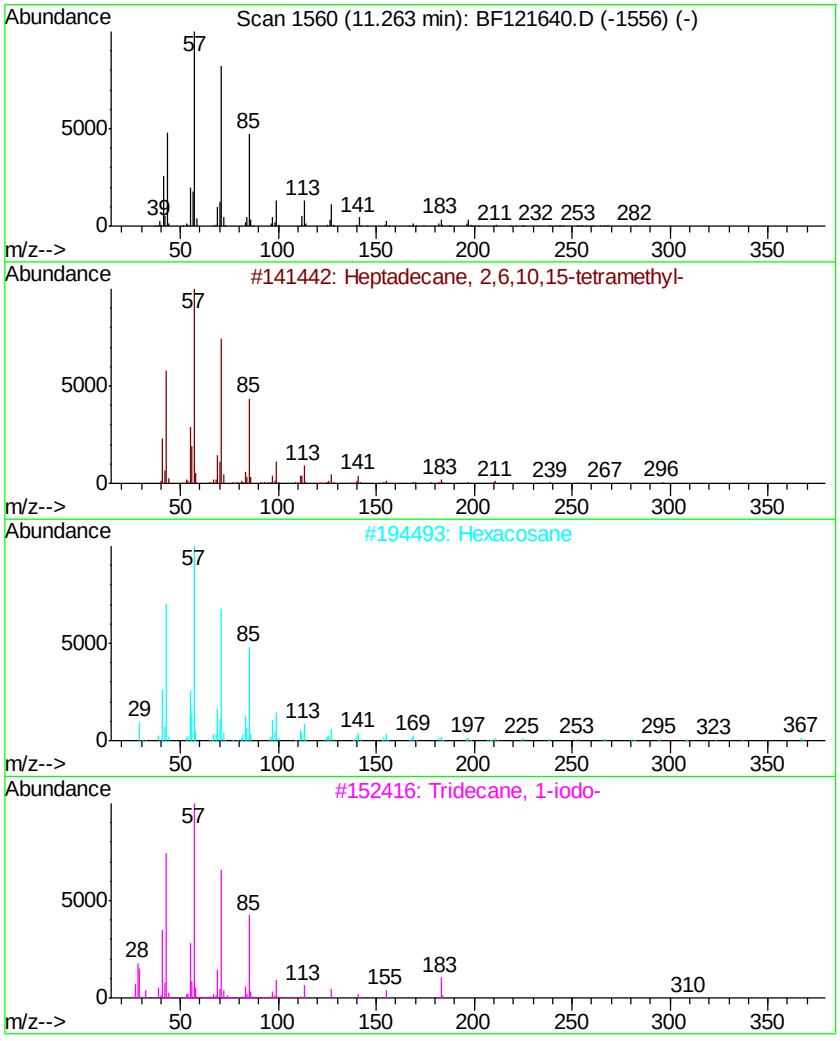
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

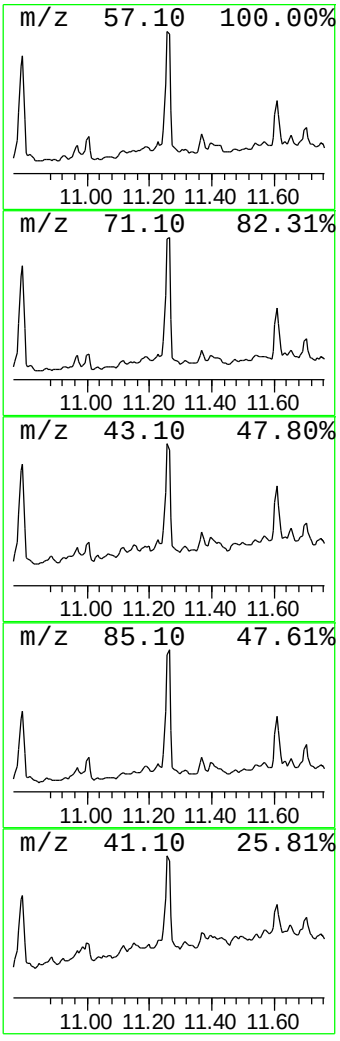
****

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	38.82 ng	3208800	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

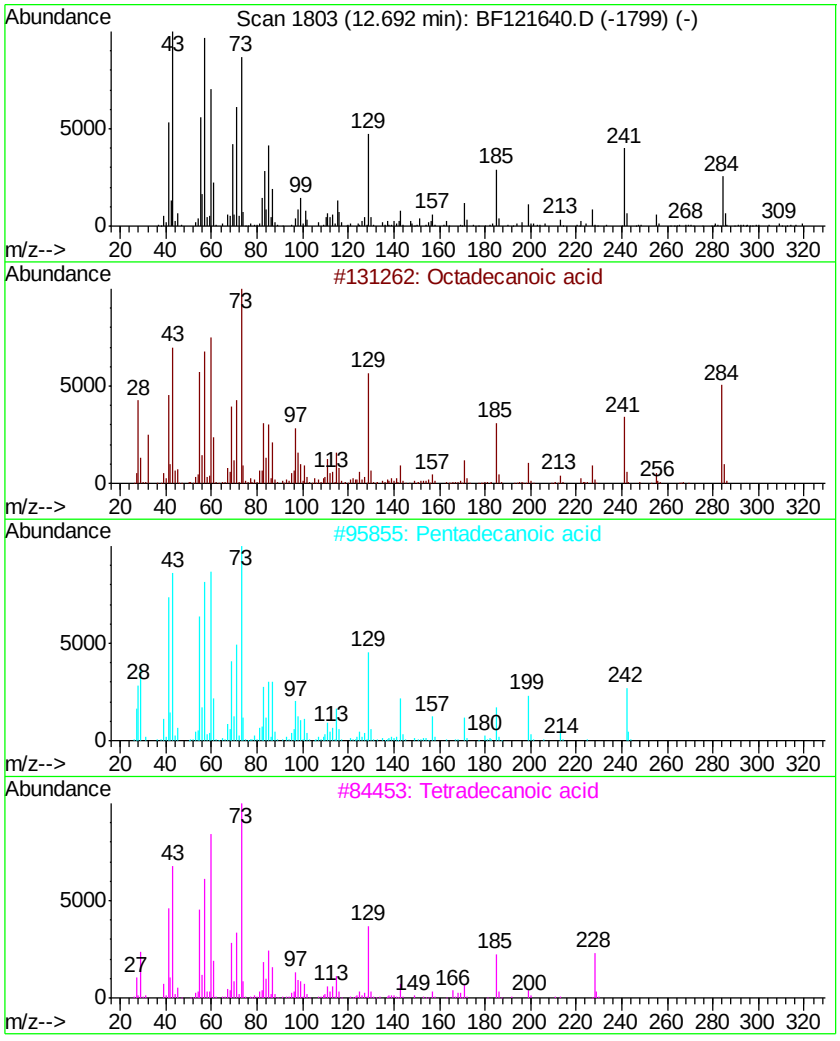
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

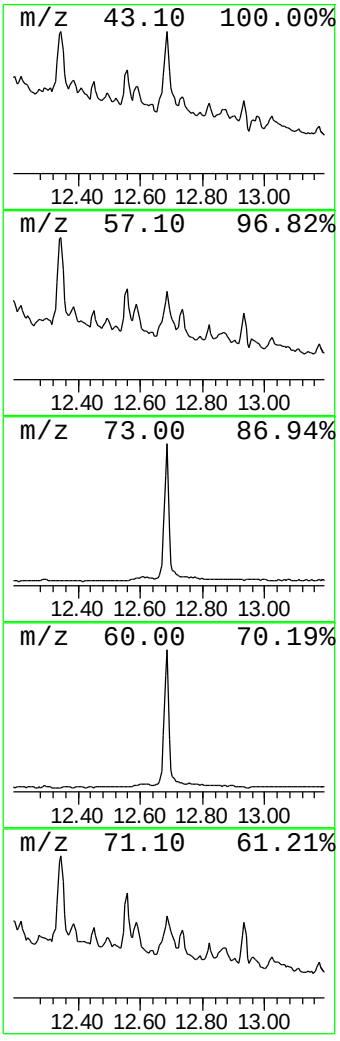
****

Peak Number 11 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	26.23 ng	1227990	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

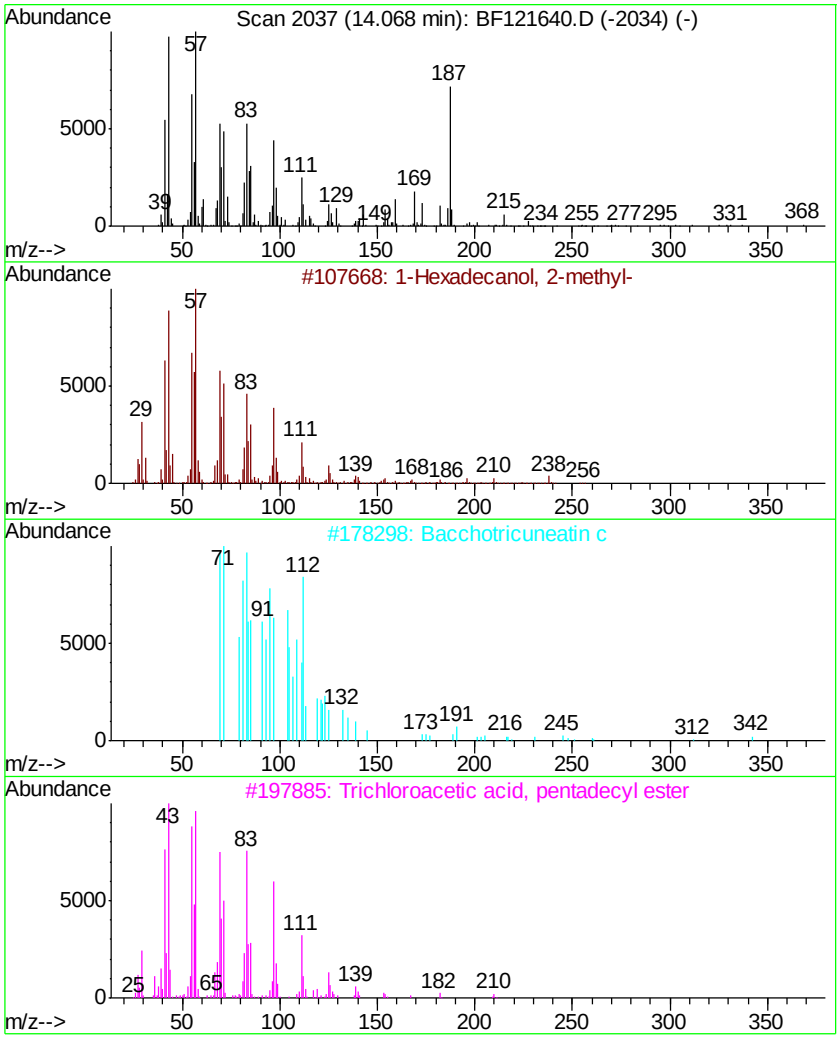
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

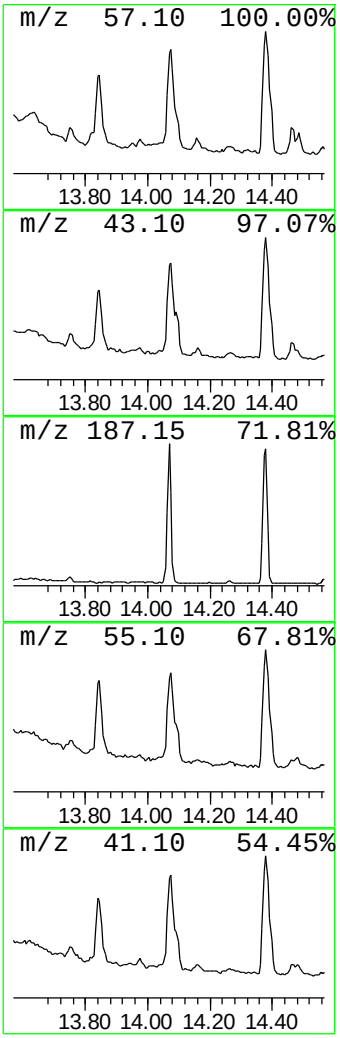
****

Peak Number 12 1-Hexadecanol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	33.13 ng	1550980	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	92
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

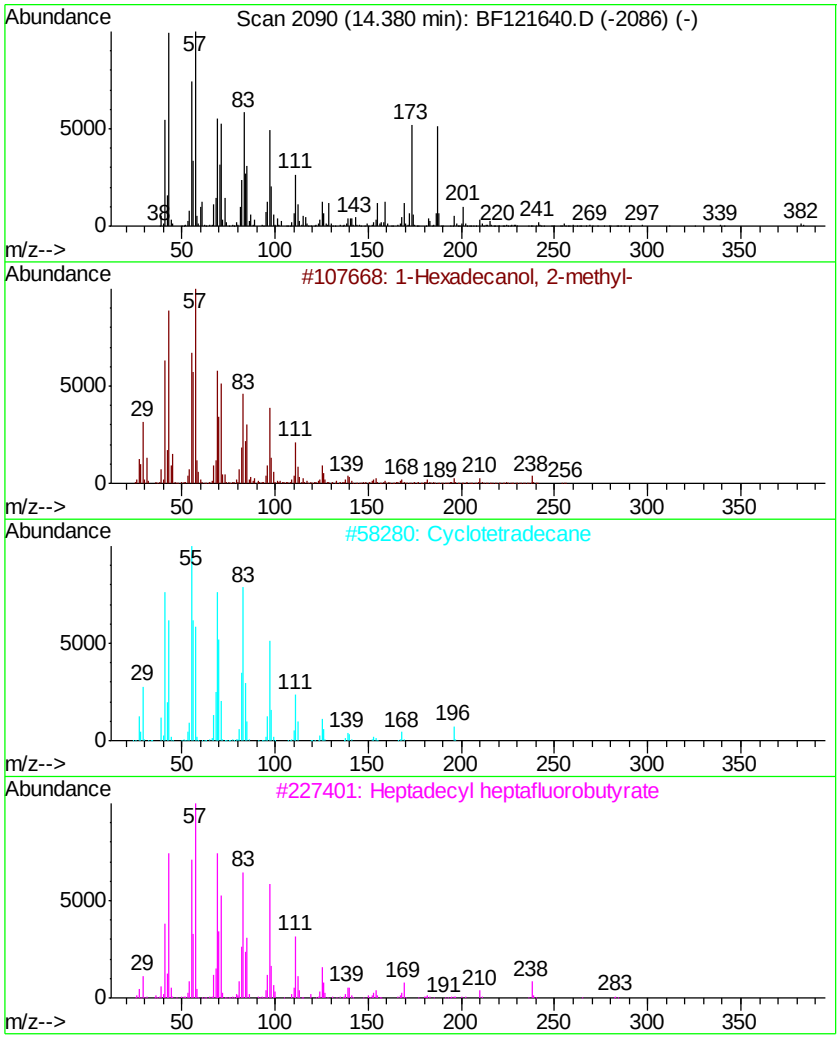
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

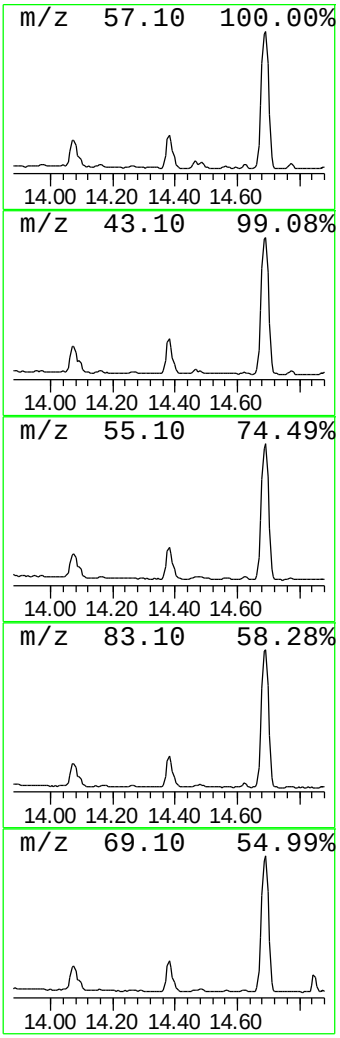
****

Peak Number 13 Cyclotetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	37.14 ng	1738610	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	92
2	Cyclotetradecane	196	C14H28	000295-17-0	92
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
5	Cyclopentadecane	210	C15H30	000295-48-7	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

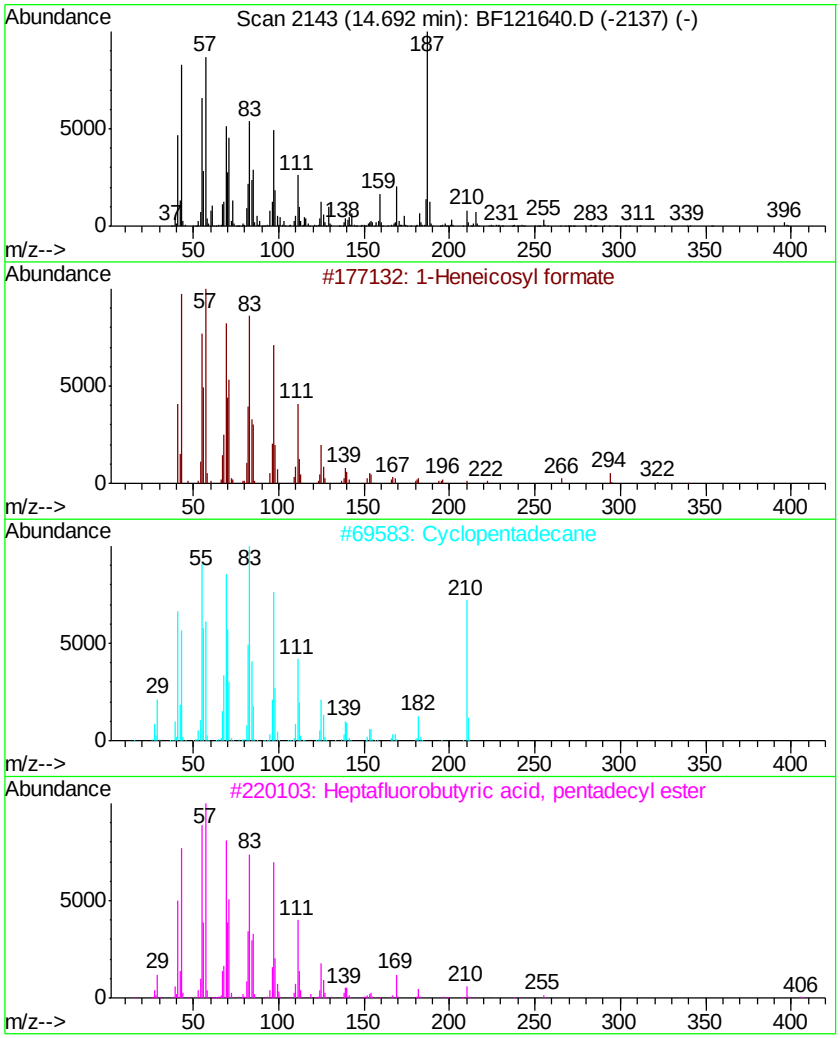
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

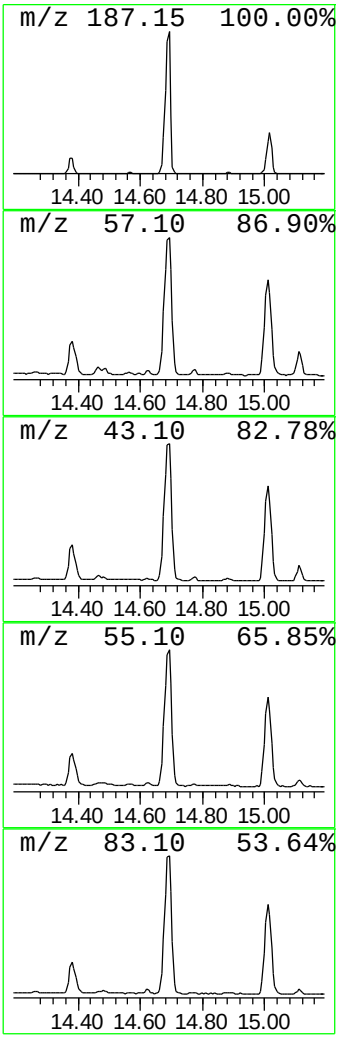
****

Peak Number 14 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	185.36 ng	8676920	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

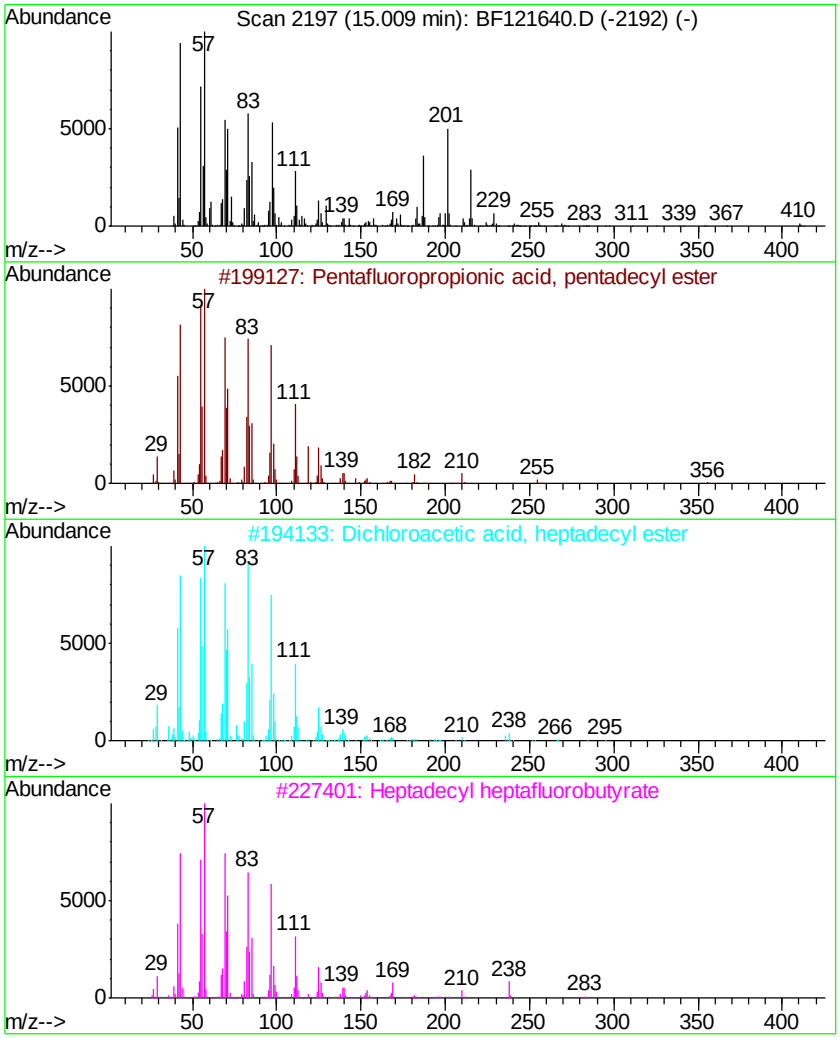
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

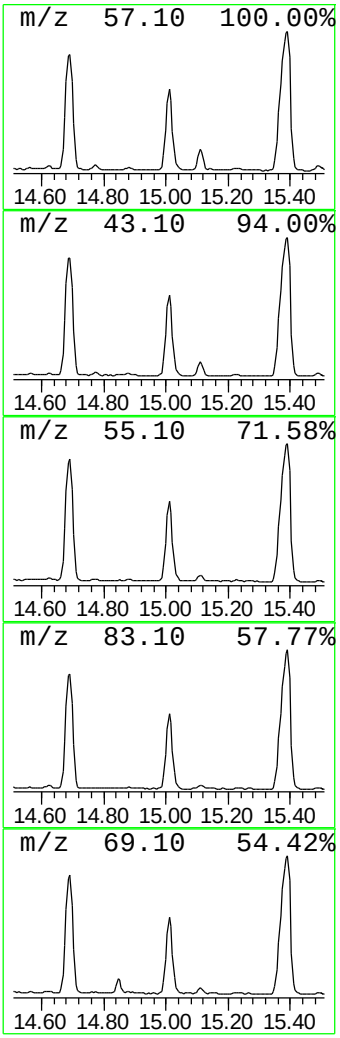
****

Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	118.45 ng	5208320	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

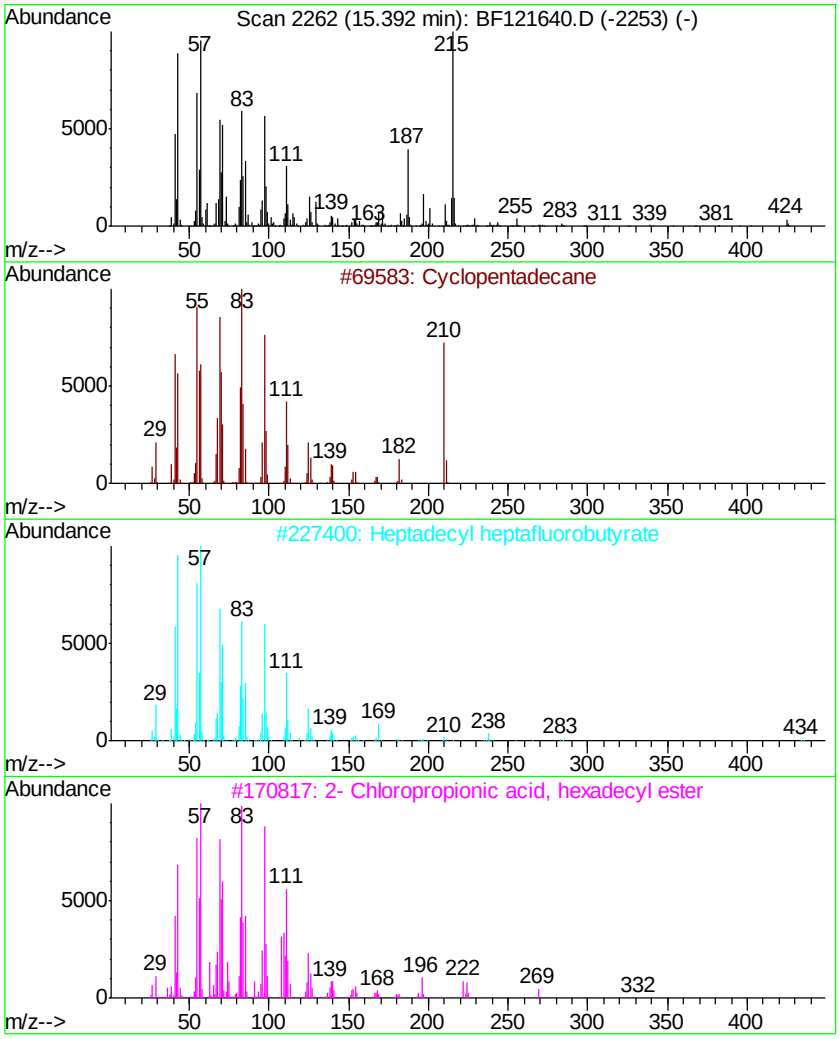
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

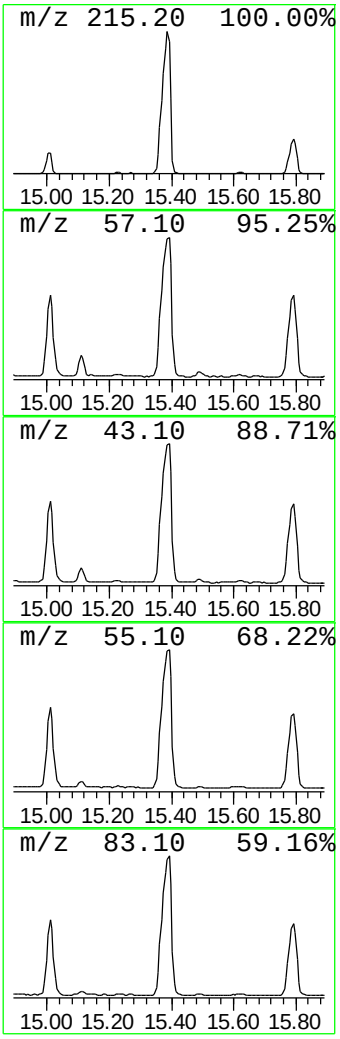
****

Peak Number 16 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	320.60 ng	14096500	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	52
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	42
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	38
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

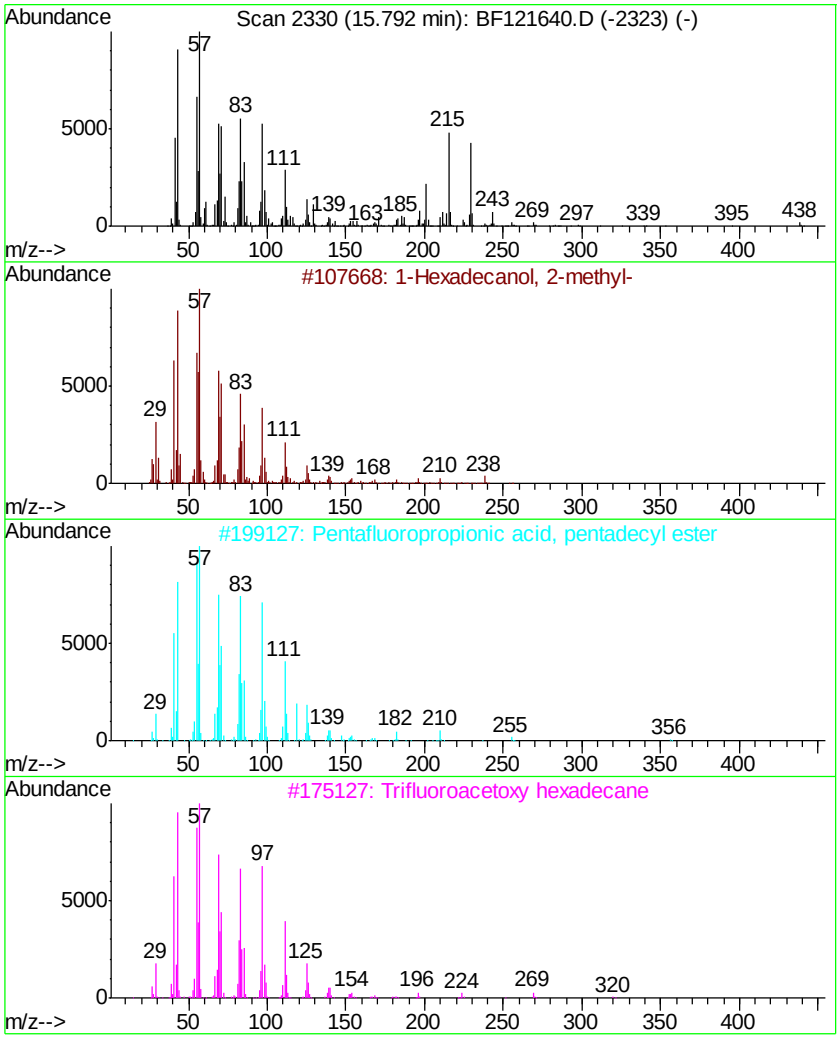
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

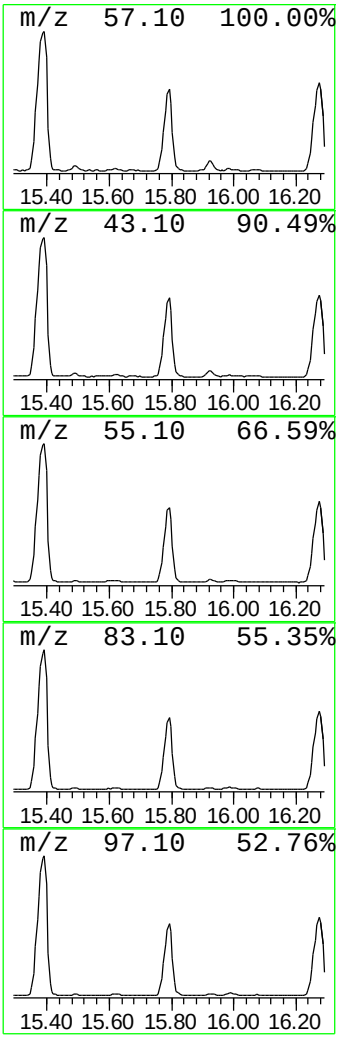
****

Peak Number 17 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	144.25 ng	6342730	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

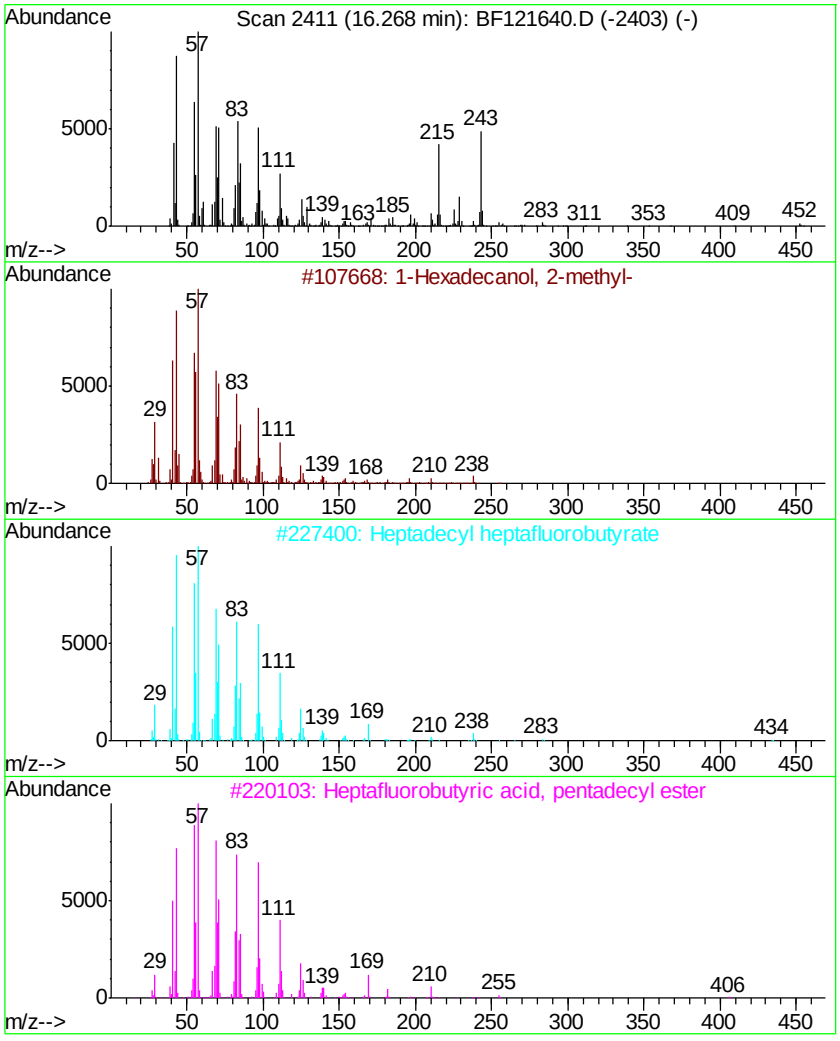
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

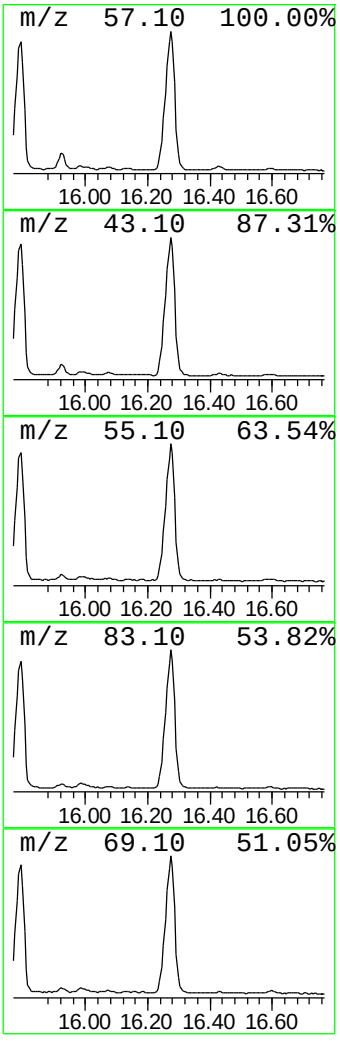
****

Peak Number 18 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	178.22 ng	7836140	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

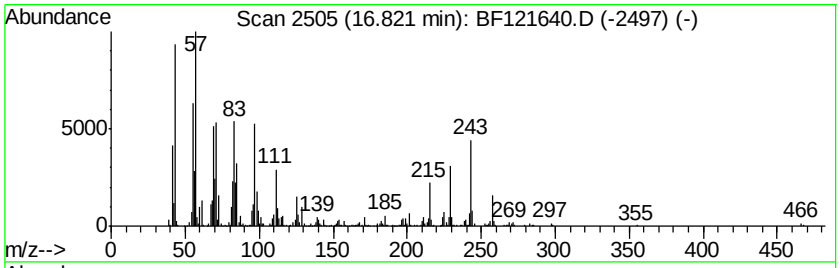
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

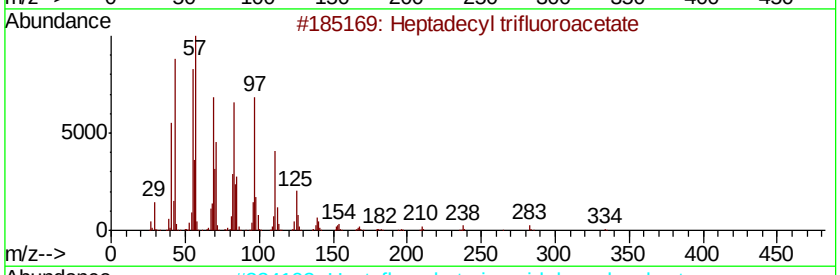
****

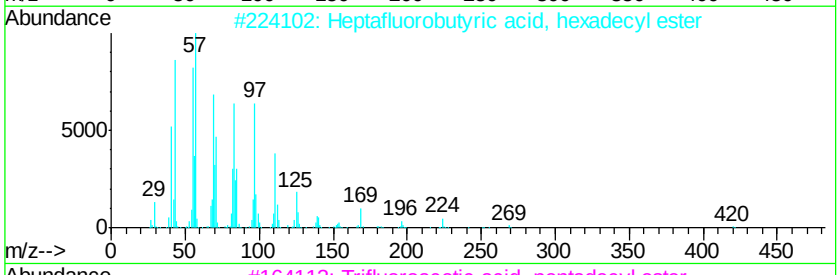
Peak Number 19 Heptadecyl trifluoroacetate Concentration Rank 8

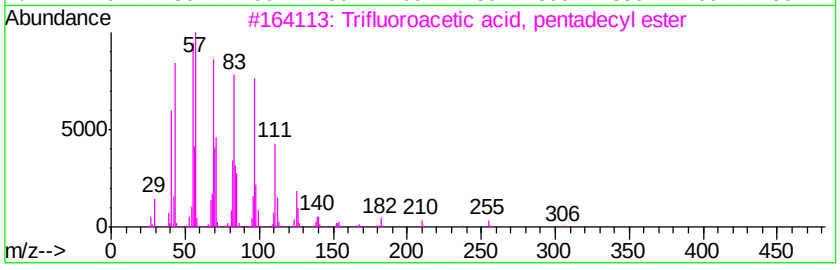
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	44.77 ng	1968570	Perylene-d12	15.46

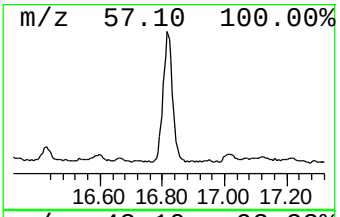
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	89
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	64

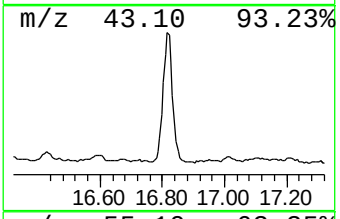


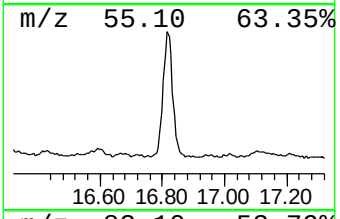


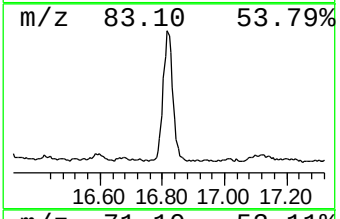


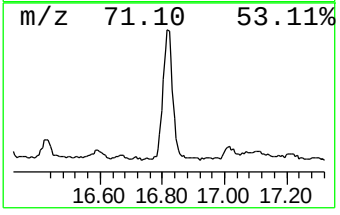












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

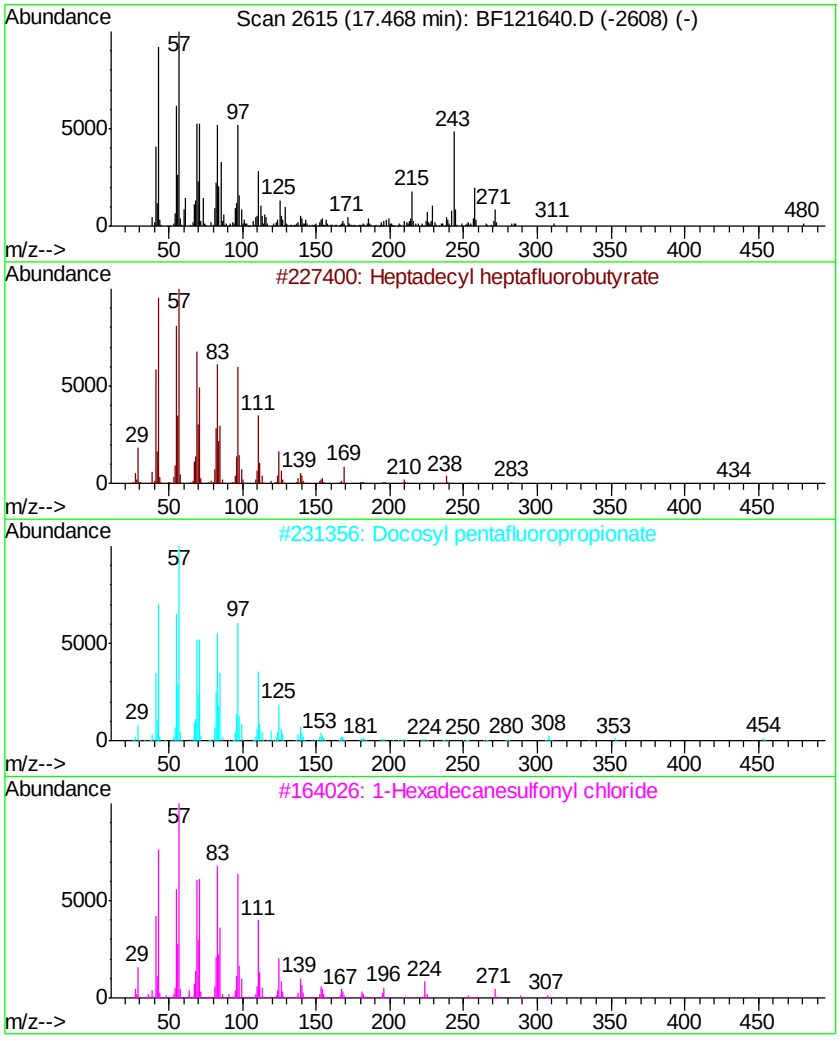
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

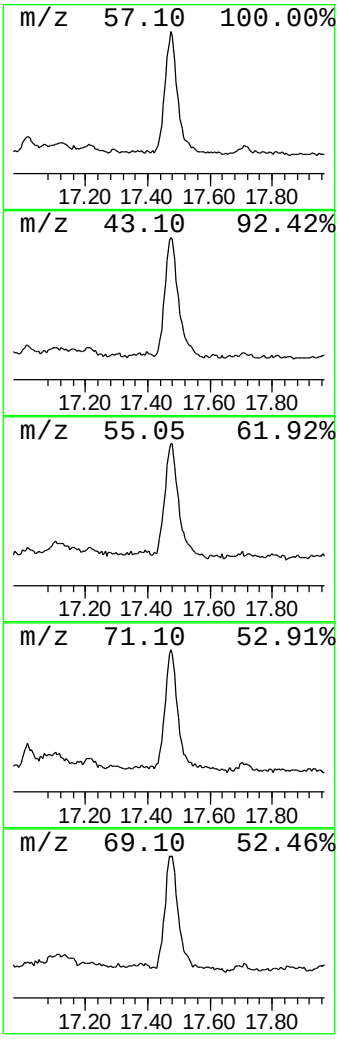
****

Peak Number 20 Docosyl pentafluoropropionate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	34.75 ng	1527950	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	70
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	70
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092120\
Data File : BF121640.D
Acq On : 21 Sep 2020 22:12
Operator : JU/CG
Sample : L4053-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1799-1801

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Pentanoic acid	5.96	43.8	ng	1834550	1	6.82	837507	20.0
Pentanoic acid, 2...	6.34	39.1	ng	1637620	1	6.82	837507	20.0
Cyclohexanecarbox...	7.82	62.3	ng	12155300	2	8.12	3901510	20.0
Hydrocinnamic acid	8.99	19.9	ng	3872340	2	8.12	3901510	20.0
Benzenepropanoic ...	9.31	34.6	ng	3317970	3	9.87	1919860	20.0
unknown9.71	9.71	23.7	ng	2277340	3	9.87	1919860	20.0
5-Phenylvaleric acid	10.08	49.9	ng	4789030	3	9.87	1919860	20.0
unknown10.62	10.62	18.5	ng	1531710	4	11.36	1653010	20.0
Undecane, 6-ethyl-	10.79	30.3	ng	2504370	4	11.36	1653010	20.0
Heptadecane, 2,6,...	11.26	38.8	ng	3208800	4	11.36	1653010	20.0
Octadecanoic acid	12.69	26.2	ng	1227990	5	13.99	936240	20.0
1-Hexadecanol, 2-...	14.07	33.1	ng	1550980	5	13.99	936240	20.0
Cyclotetradecane	14.38	37.1	ng	1738610	5	13.99	936240	20.0
1-Heneicosyl formate	14.69	185.4	ng	8676920	5	13.99	936240	20.0
Pentafluoropropio...	15.01	118.5	ng	5208320	6	15.46	879387	20.0
Cyclopentadecane	15.39	320.6	ng	14096500	6	15.46	879387	20.0
Trifluoroacetoxy ...	15.79	144.3	ng	6342730	6	15.46	879387	20.0
Heptadecyl heptaf...	16.27	178.2	ng	7836140	6	15.46	879387	20.0
Heptadecyl triflu...	16.82	44.8	ng	1968570	6	15.46	879387	20.0
Docosyl pentafluo...	17.47	34.8	ng	1527950	6	15.46	879387	20.0