LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	4.928	477	483	491	rBV	179650	263760	7.18%	0.802%
2	5.334	547	552	555	rBV	3196727	3507036	95.42%	10.659%
3	6.363	721	727	738	rBV	2970128	3675359	100.00%	11.171%
4	6.493	744	749	752	rBV	3714697	3525401	95.92%	10.715%
5	6.716	784	787	791	rBV	1016278	901090	24.52%	2.739%
6	6.875	810	814	817	rBV	2978024	2661816	72.42%	8.090%
7	7.287	878	884	887	rBV	2157503	2220633	60.42%	6.749%
8	7.998	1001	1005	1009	rBV	1225169	1138153	30.97%	3.459%
9	8.063	1011	1016	1018	rVB	40172	40367	1.10%	0.123%
10	8.422	1073	1077	1079	rBV	73383	62490	1.70%	0.190%
11	8.557	1097	1100	1104	rVB	89004	73852	2.01%	0.224%
12	9.022	1176	1179	1183	rBV	133770	108650	2.96%	0.330%
13	9.081	1183	1189	1192	rBV	3610173	3269032	88.94%	9.936%
14	9.157	1198	1202	1206	rBV2	58633	79770	2.17%	0.242%
15	9.475	1251	1256	1259	rBV2	484465	437517	11.90%	1.330%
16	9.622	1277	1281	1284	rBV4	32522	45747	1.24%	0.139%
17	9.686	1289	1292	1295	rVB2	51798	44416	1.21%	0.135%
18	9.728	1295	1299	1300	rBV3	37137	44500	1.21%	0.135%
19	9.751	1300	1303	1307	rVB	1148992	1069905	29.11%	3.252%
20	9.863	1318	1322	1326	rVB2	56261	70087	1.91%	0.213%
21	9.910	1326	1330	1332	rBV5	38596	63208	1.72%	0.192%
22	9.945	1333	1336	1342	rVV4	84849	130250	3.54%	0.396%
23	10.010	1342	1347	1354	rVB5	79361	149897	4.08%	0.456%
24	10.069	1354	1357	1360	rBV2	69484	77278	2.10%	0.235%
25	10.157	1369	1372	1374	rBV3	38146	48449	1.32%	0.147%
26	10.181	1374	1376	1379	rVB2	53891	54005	1.47%	0.164%
27	10.239	1384	1386	1390	rVB4	41465	52281	1.42%	0.159%
28	10.292	1392	1395	1398	rBV5	42758	53991	1.47%	0.164%
29	10.404	1409	1414	1418	rBV	258524	272592	7.42%	0.829%
30	10.469	1420	1425	1427	rVB	203311	197486	5.37%	0.600%
31	10.545	1431	1438	1441	rBV	1663323	1601301	43.57%	4.867%
32	10.628	1448	1452	1454	rBV4	30187	44816	1.22%	0.136%
33	10.669	1454	1459	1466	rVB	535201	555036	15.10%	1.687%
34	10.875	1492	1494	1499	rVB4	65682	79270	2.16%	0.241%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.992	1510	1514	1516	rBV3	44414	60545	1.65%	0.184%
36	11.133	1534	1538	1544	rVB	249416	284523	7.74%	0.865%
37	11.239	1552	1556	1558	rBV	943271	848413	23.08%	2.579%
38	11.257	1558	1559	1563	rVB	67311	50451	1.37%	0.153%
39	11.480	1595	1597	1600	rVB	54894	48996	1.33%	0.149%
40	11.739	1638	1641	1644	rBV2	35492	41095	1.12%	0.125%
41	12.286	1731	1734	1736	rBV2	40702	37466	1.02%	0.114%
42	12.445	1758	1761	1765	rVB	110866	94383	2.57%	0.287%
43	12.674	1796	1800	1802	rBV	91187	80790	2.20%	0.246%
44	12.822	1821	1825	1829	rBV	2271704	2141236	58.26%	6.508%
45	13.716	1974	1977	1982	rBV	118786	118278	3.22%	0.359%
46	13.869	1999	2003	2006	rBV	865950	868280	23.62%	2.639%
47	14.263	2062	2070	2088	rVB5	191785	822659	22.38%	2.500%
48	14.886	2173	2176	2179	rBV	50812	63479	1.73%	0.193%
49	15.292	2240	2245	2253	rBV	568153	721015	19.62%	2.191%

Sum of corrected areas: 32901050

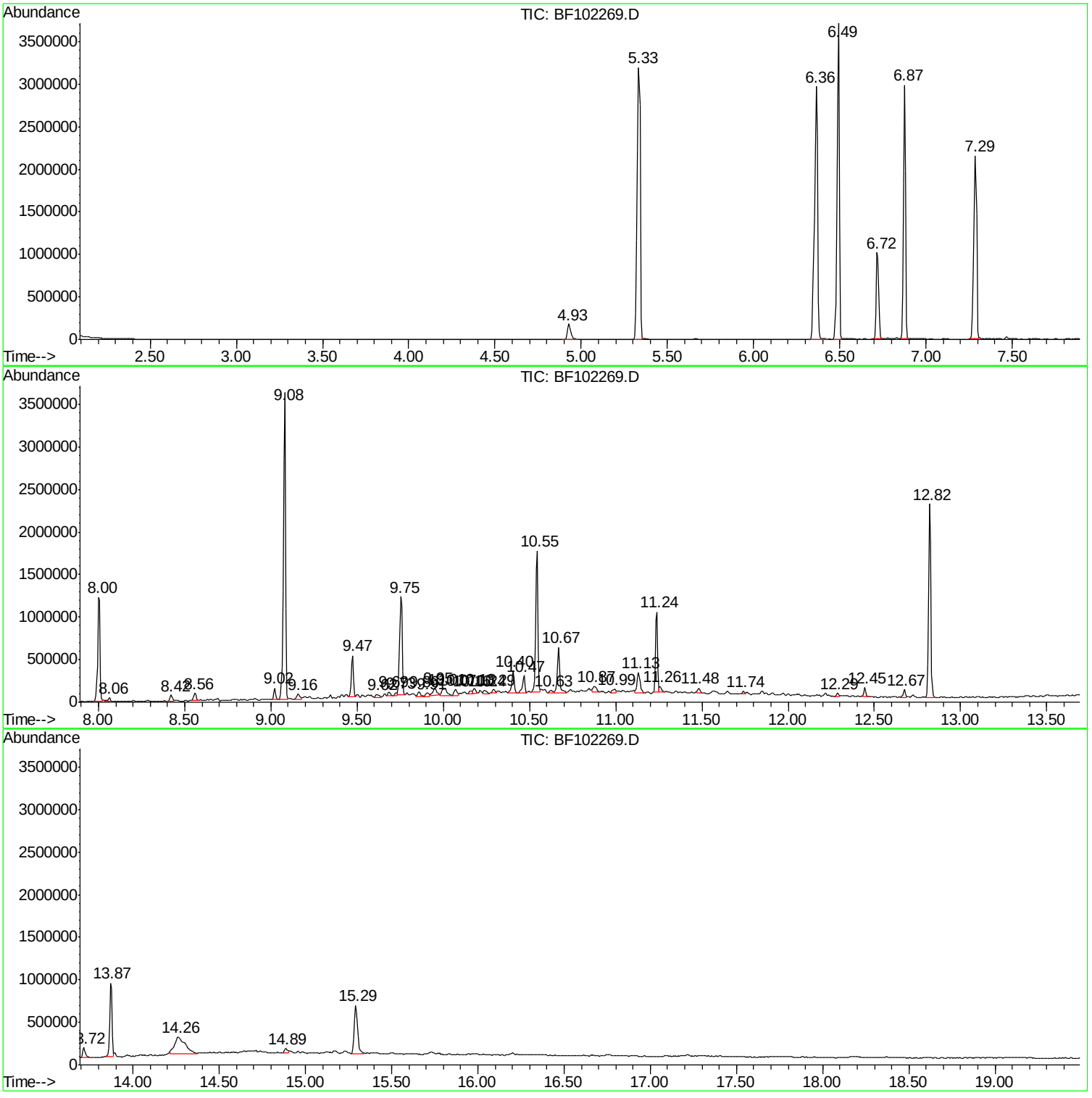
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

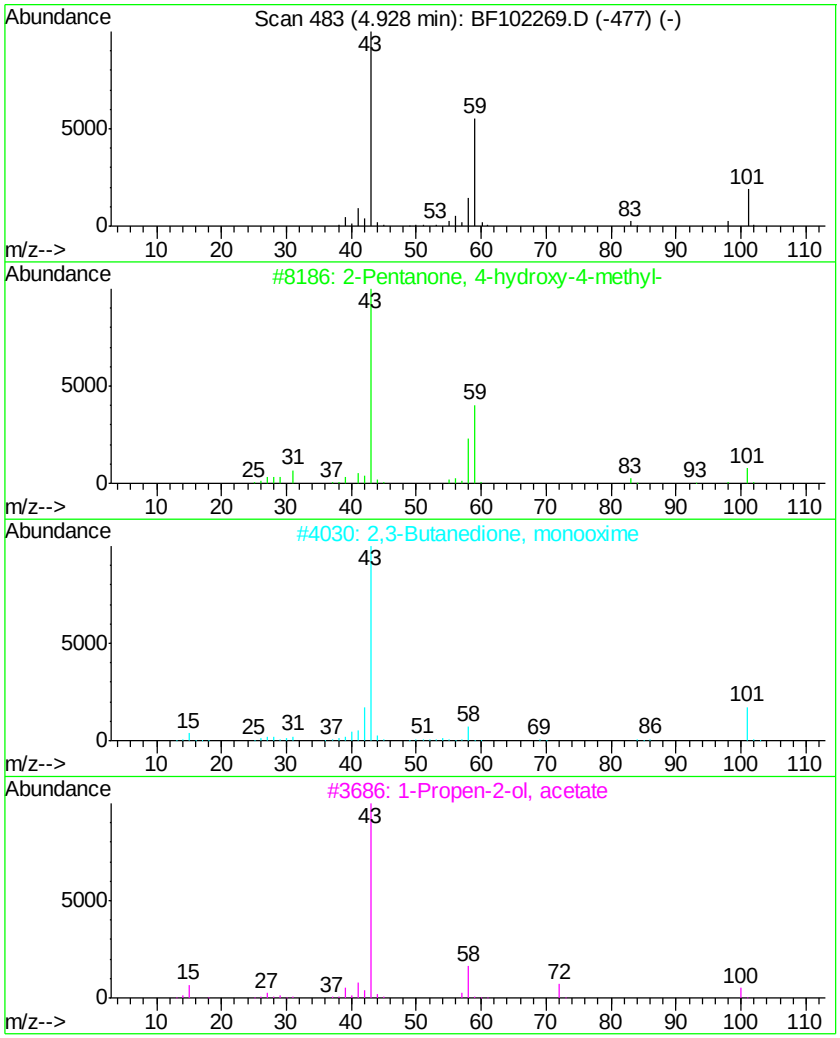
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

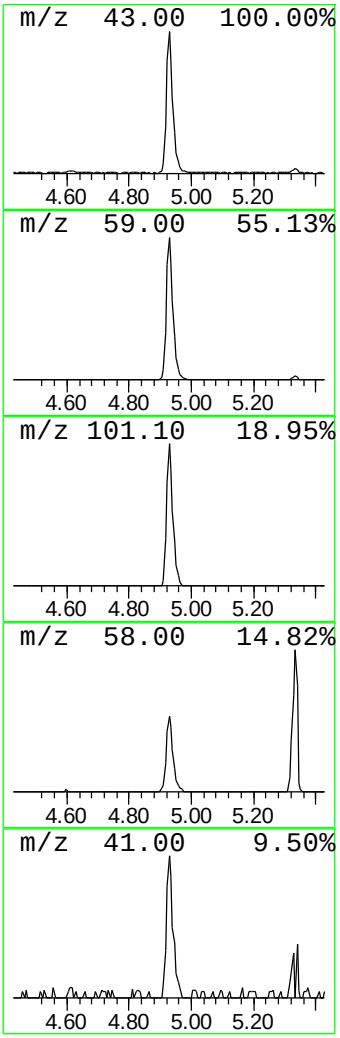
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	5.85 ng	263760	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

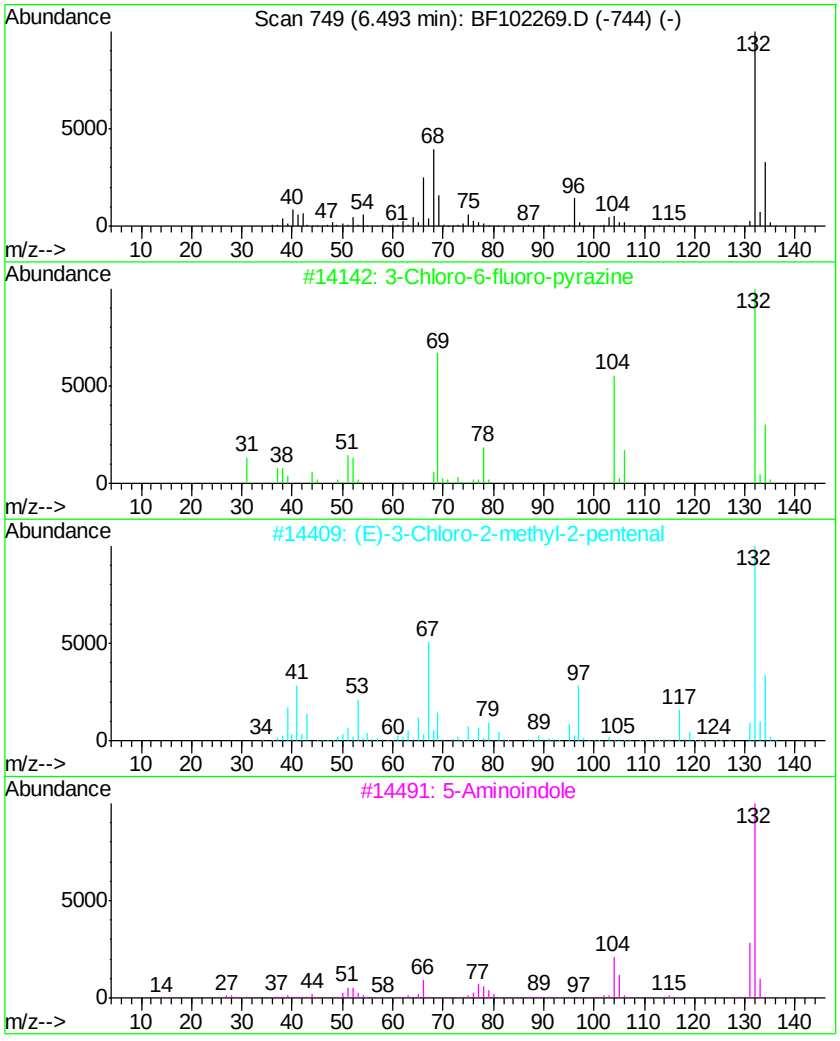
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

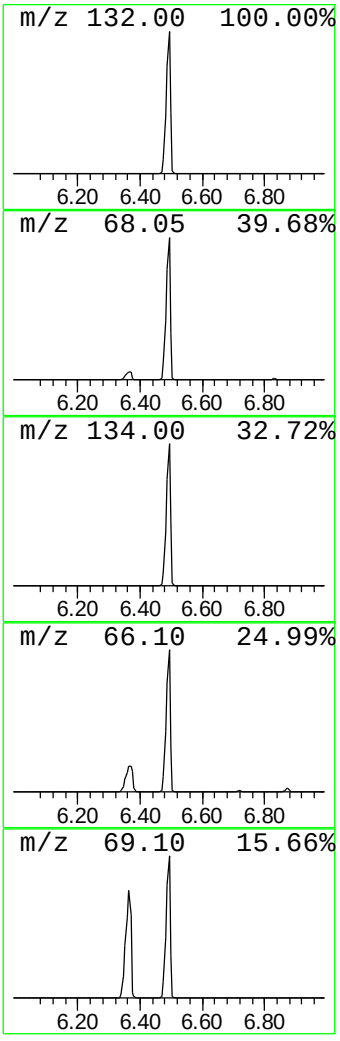
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	78.25 ng	3525400	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

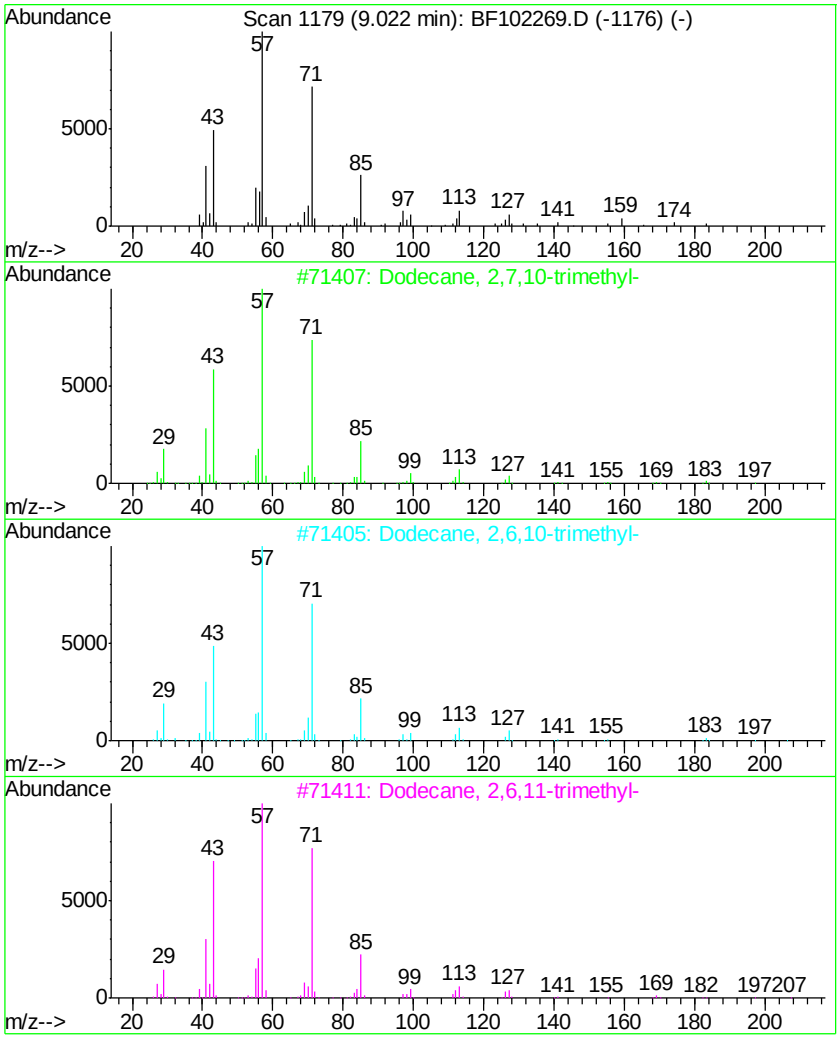
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

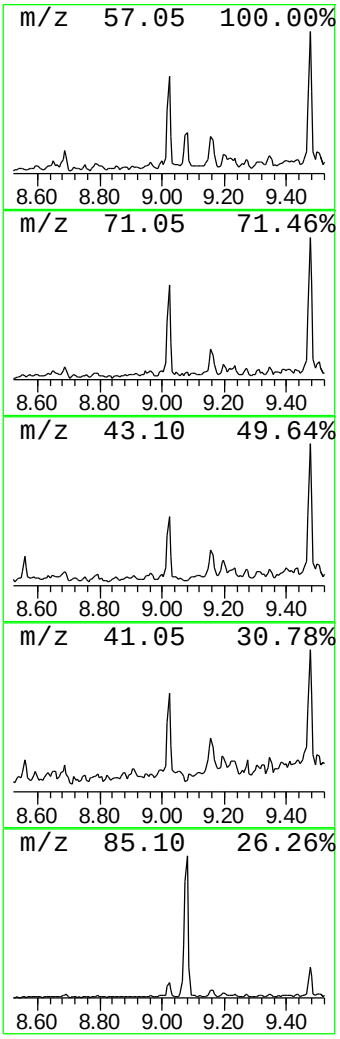
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.03 ng	108650	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

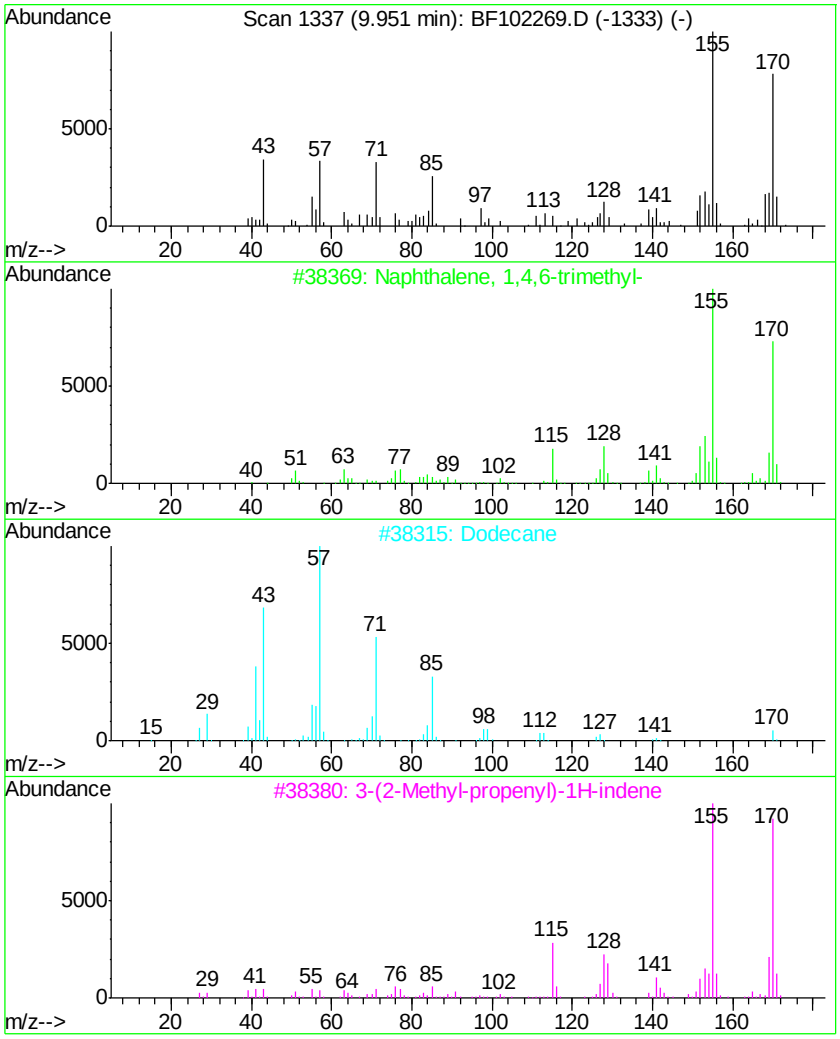
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

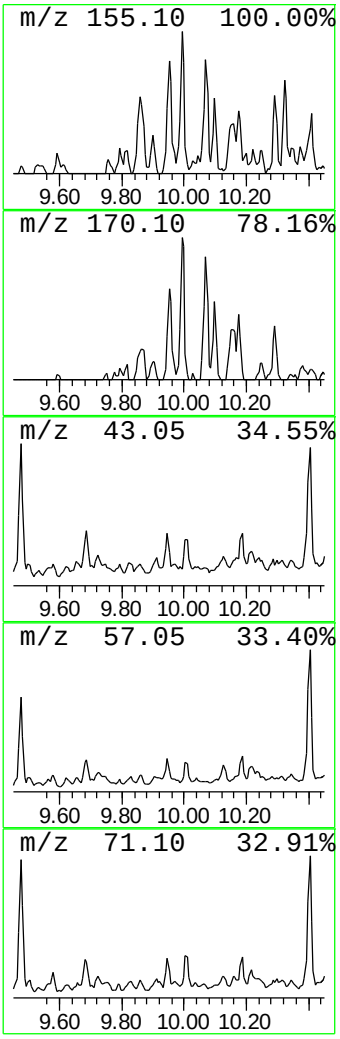
****

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.43 ng	130250	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2	Dodecane	170	C12H26	000112-40-3	49
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	45
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	38
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

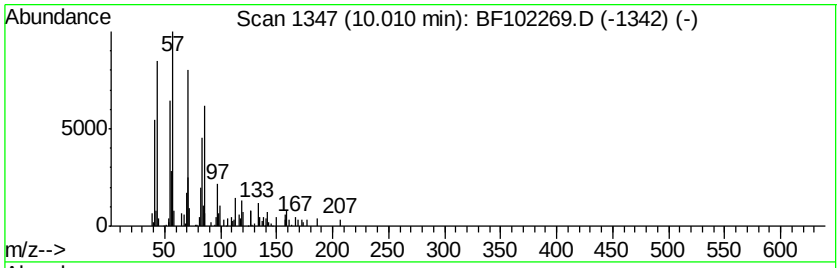
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

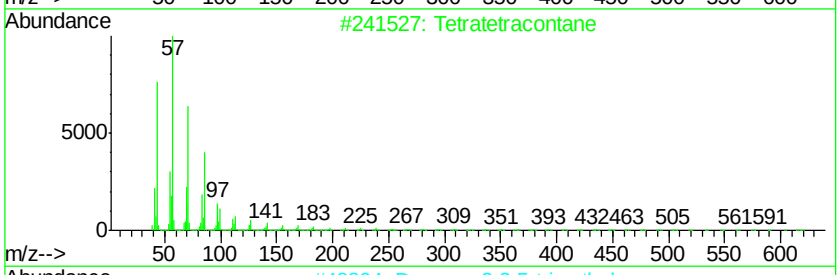
****

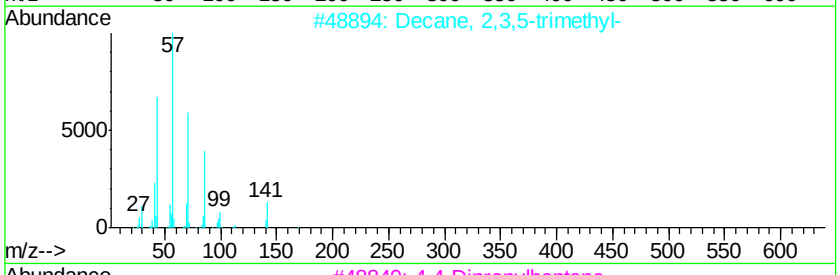
Peak Number 6 Tetratetracontane Concentration Rank 9

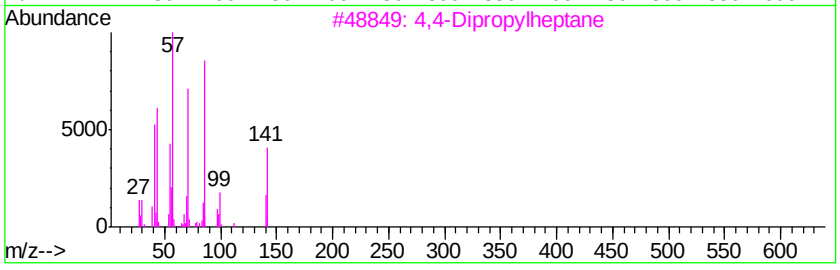
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	2.80 ng	149897	Acenaphthene-d10	9.75

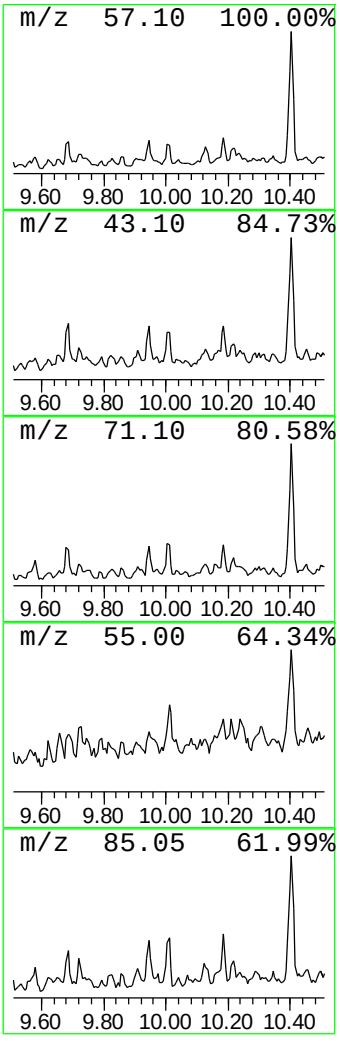
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	53
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
3	4,4-Dipropylheptane	184	C13H28	017312-72-0	43
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
5	Octadecane	254	C18H38	000593-45-3	43











Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

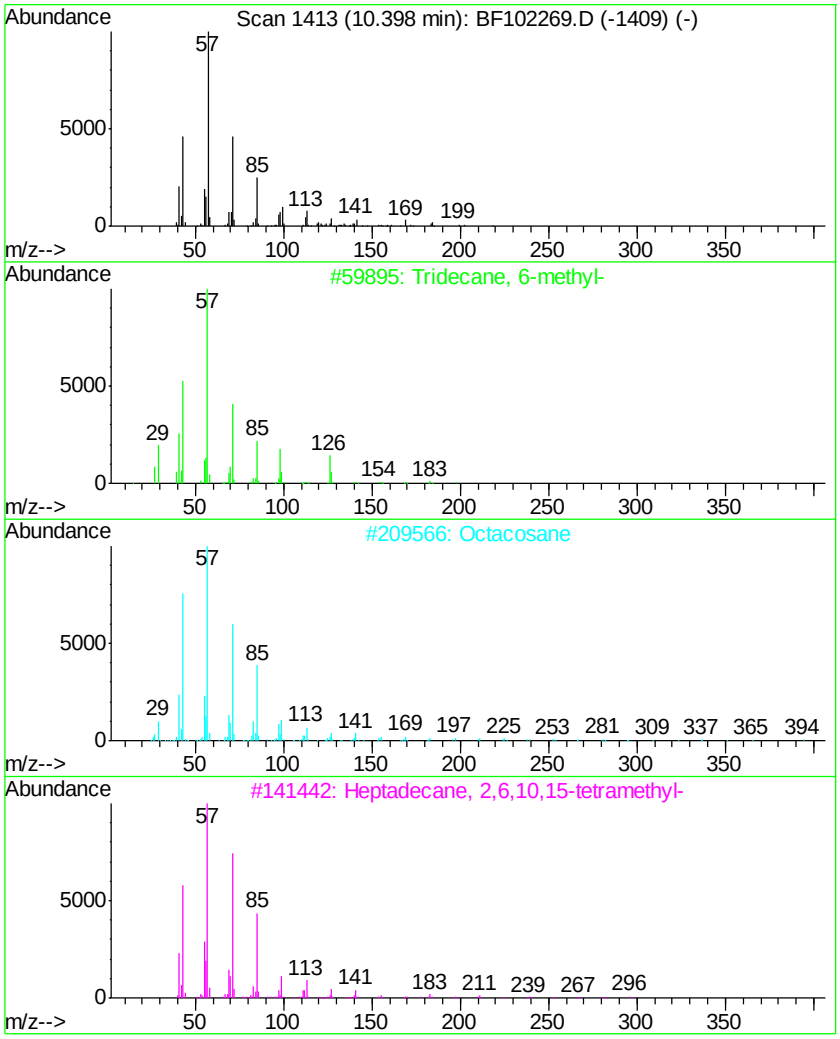
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

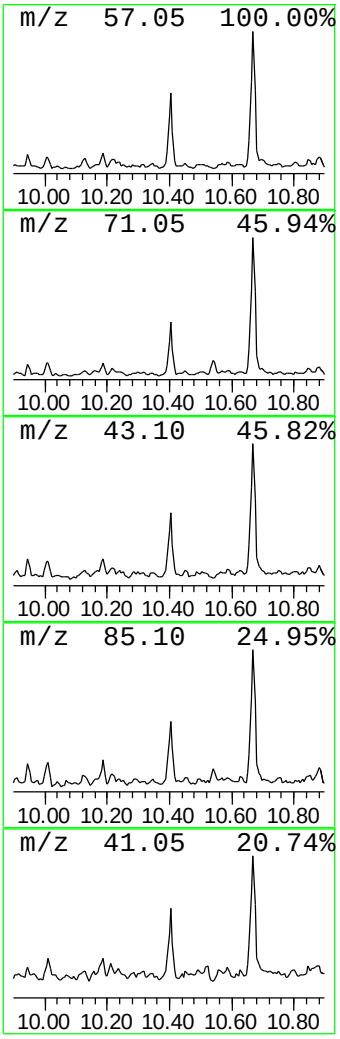
****

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.10 ng	272592	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2	Octacosane	394	C28H58	000630-02-4	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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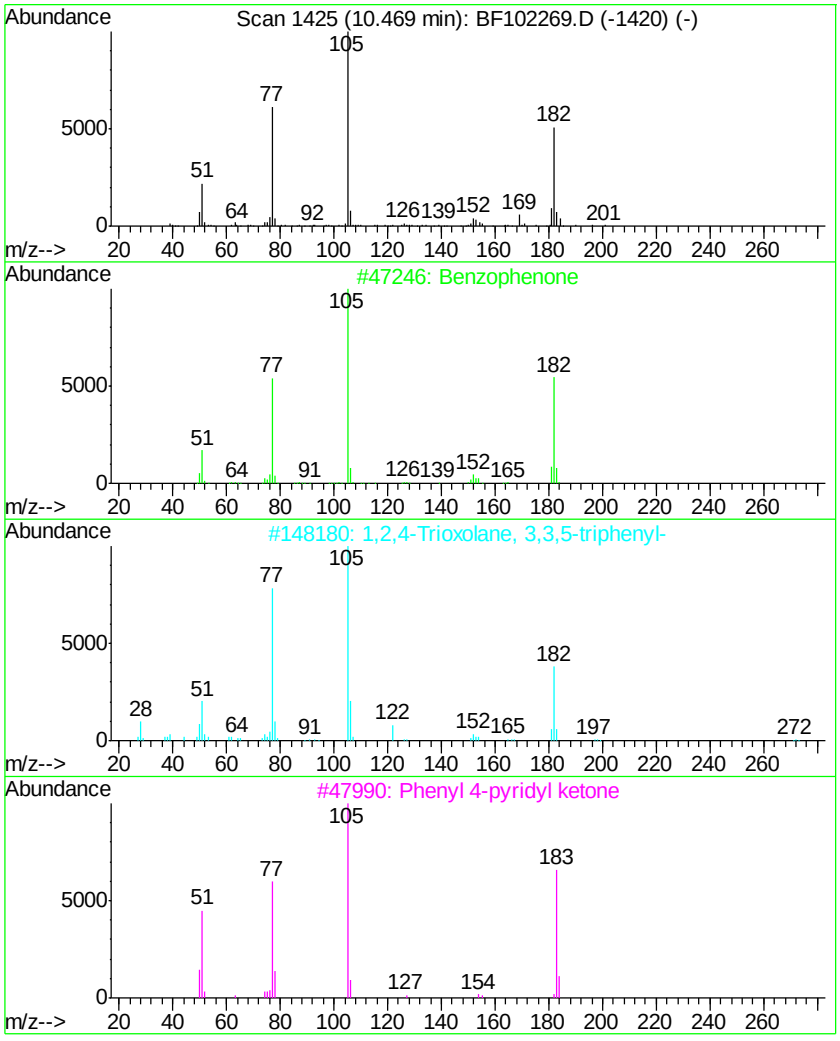
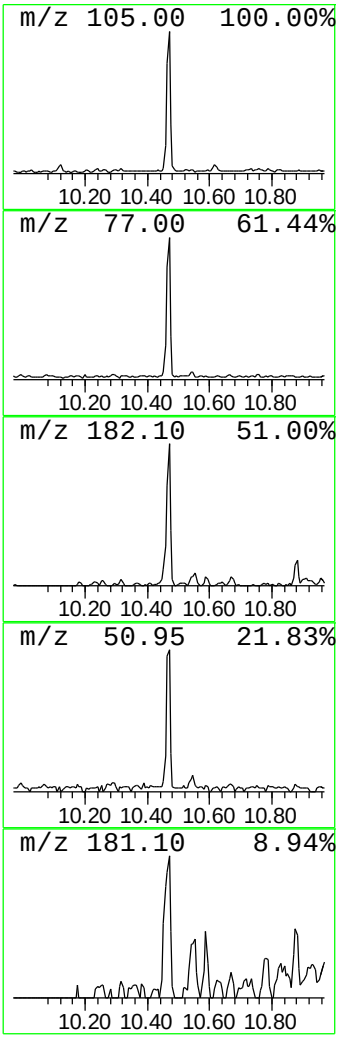
Peak Number 8 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.69 ng	197486	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	59
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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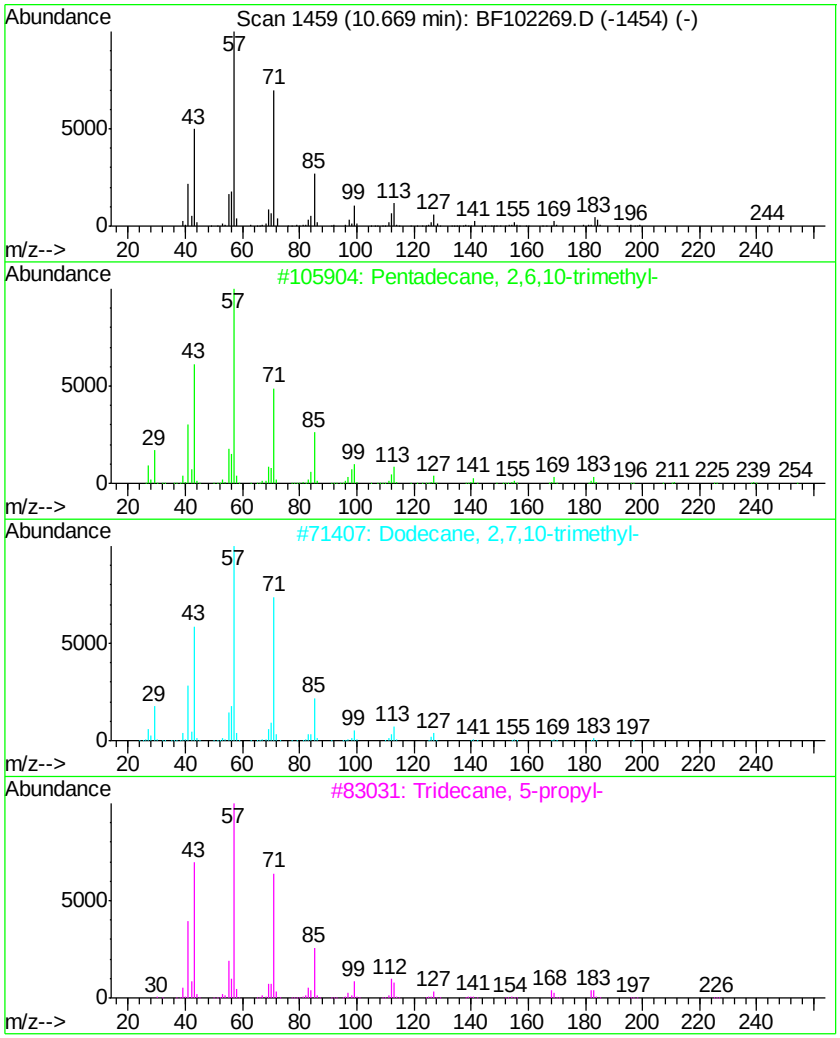
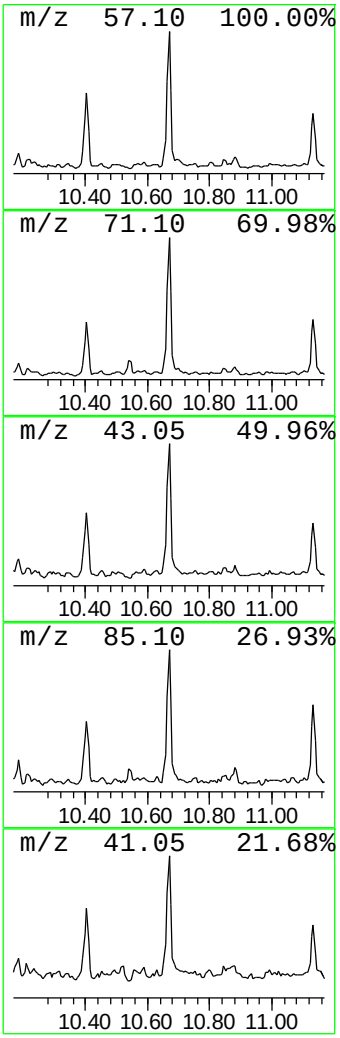
Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	13.08 ng	555036	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78





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Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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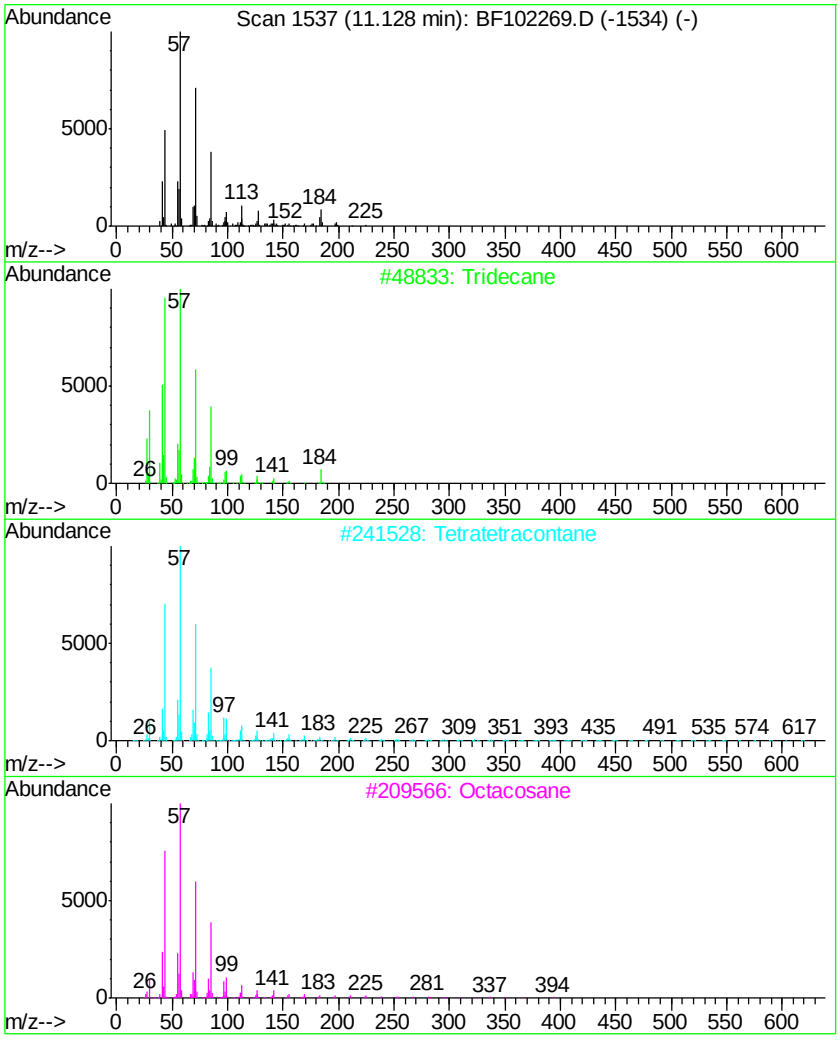
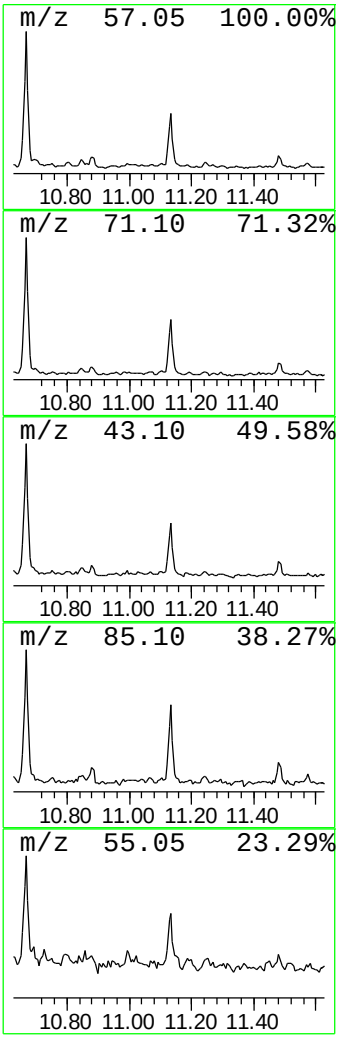
Peak Number 10 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.71 ng	284523	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Tetratetracontane	619	C44H90	007098-22-8	78
3	Octacosane	394	C28H58	000630-02-4	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68





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Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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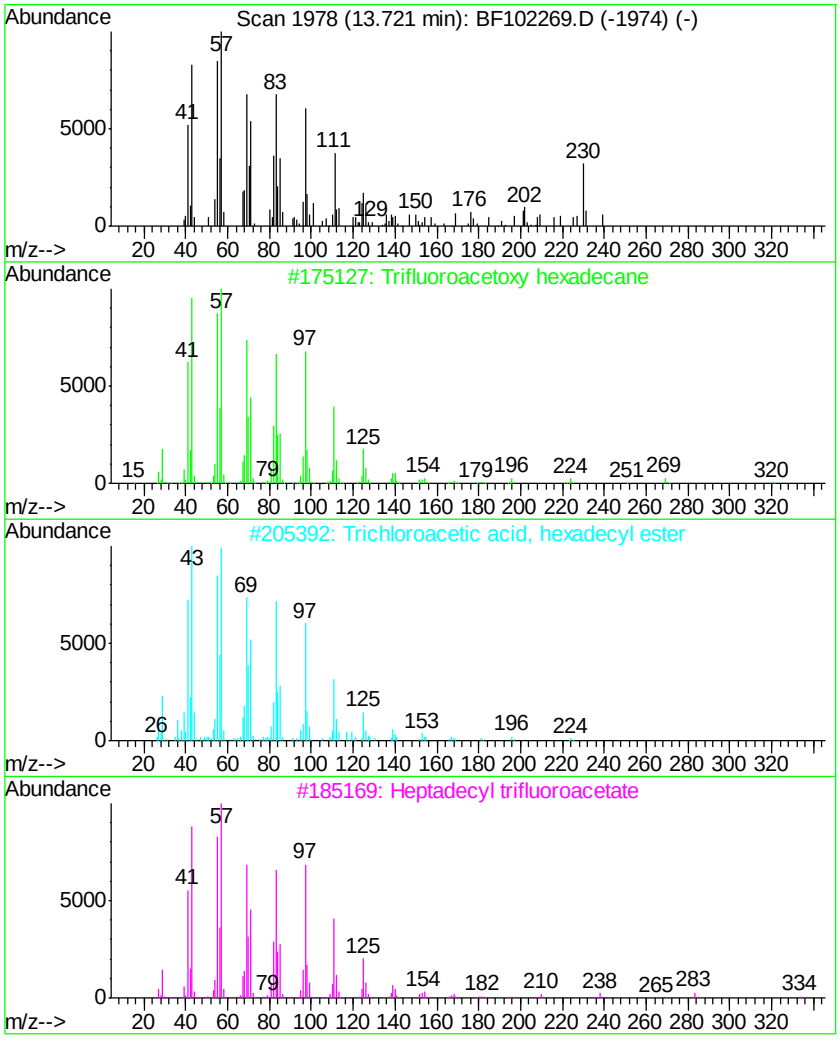
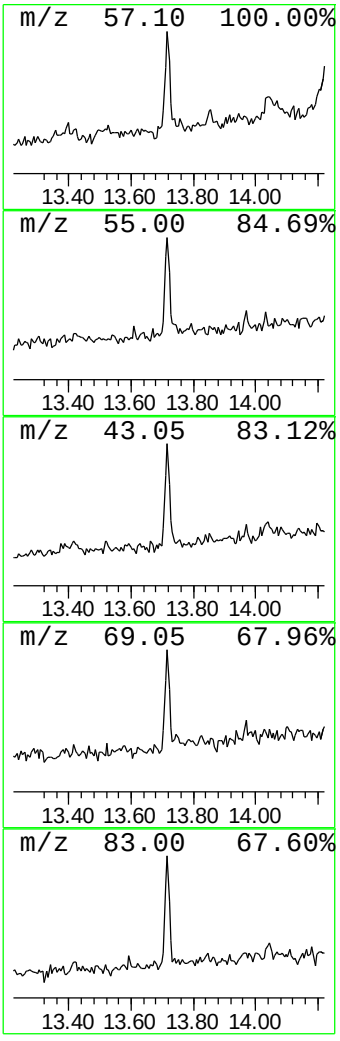
Peak Number 11 Trifluoroacetoxy hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.72 ng	118278	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	89
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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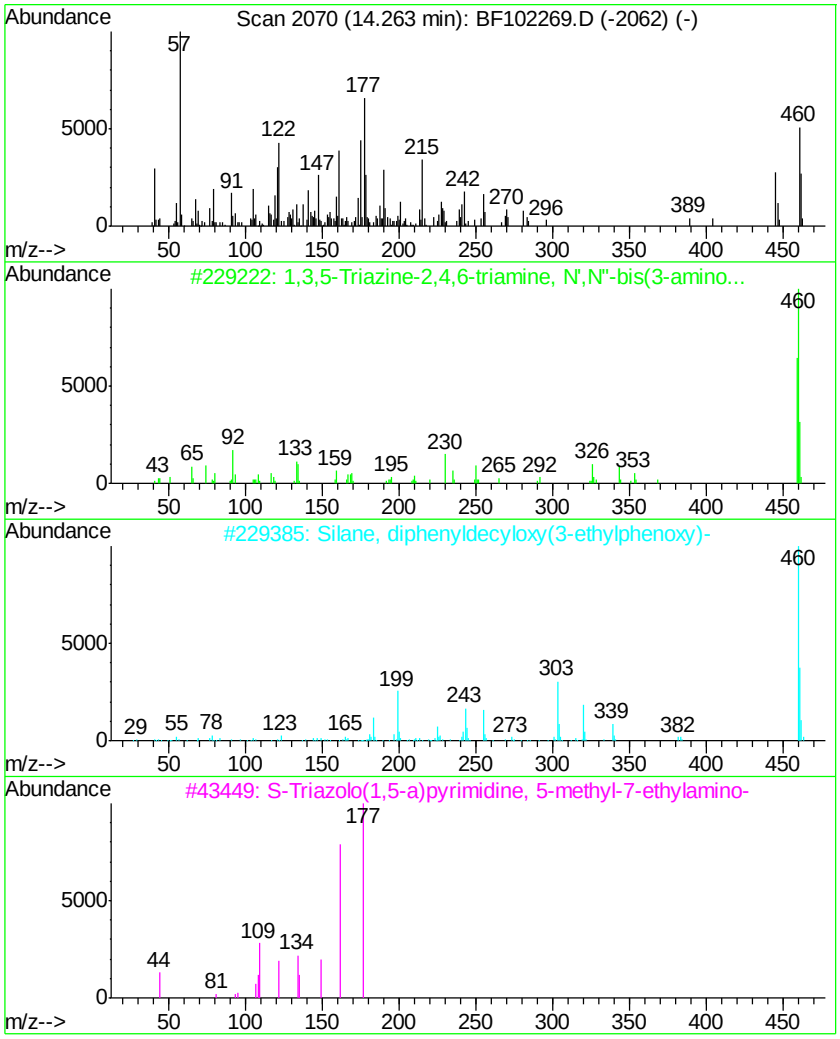
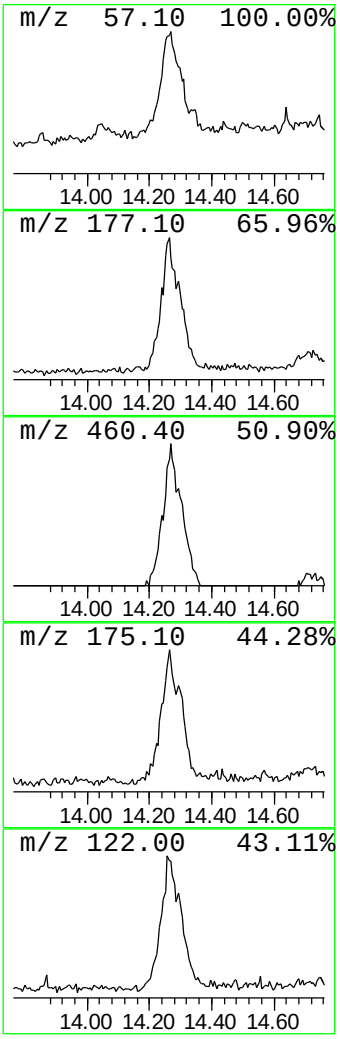
Peak Number 12 unknown14.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	18.95 ng	822659	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	9
2	Silane, diphenyldecyloxy(3-ethyl...	460	C30H40O2Si	1000367-46-2	9
3	S-Triazolo(1,5-a)pyrimidine, 5-m...	177	C8H11N5	051806-90-7	9
4	2-Propenethioamide, 3-(5-bromo-2...	256	C8H5BrN2OS	1000319-19-5	9
5	Acethydrazide, 2-(4-bromo-1-pyra...	336	C13H13BrN4O2	1000268-56-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012018\
Data File : BF102269.D
Acq On : 20 Jan 2018 16:47
Operator : SJ/JU
Sample : J1210-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3992

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
2-Pentanone, 4-hy...	4.93	5.8	ng	263760	1	6.72	901090	20.0
unknown6.49	6.49	78.3	ng	3525400	1	6.72	901090	20.0
Dodecane, 2,7,10-...	9.02	2.0	ng	108650	3	9.75	1069910	20.0
Naphthalene, 1,4,...	9.95	2.4	ng	130250	3	9.75	1069910	20.0
Tetratetracontane	10.01	2.8	ng	149897	3	9.75	1069910	20.0
Tridecane, 6-methyl-	10.40	5.1	ng	272592	3	9.75	1069910	20.0
Benzophenone	10.47	3.7	ng	197486	3	9.75	1069910	20.0
Pentadecane, 2,6,...	10.67	13.1	ng	555036	4	11.24	848413	20.0
Tridecane	11.13	6.7	ng	284523	4	11.24	848413	20.0
Trifluoroacetoxy ...	13.72	2.7	ng	118278	5	13.87	868280	20.0
unknown14.26	14.26	18.9	ng	822659	5	13.87	868280	20.0