LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

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-BF040618.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	4.998	491	495	511	rBV	52121	96263	3.49%	0.422%
2	5.410	561	565	598	rBV	1442131	2210847	80.11%	9.699%
3	6.434	735	739	756	rBV	1704545	2197775	79.63%	9.641%
4	6.557	756	760	779	rVB	2118200	2353370	85.27%	10.324%
5	6.775	794	797	807	rBV	582466	607791	22.02%	2.666%
6	6.934	820	824	840	rBV	1916558	1863548	67.52%	8.175%
7	7.351	890	895	913	rBV	1324368	1418736	51.40%	6.224%
8	8.063	1012	1016	1032	rBV	832420	872838	31.63%	3.829%
9	9.139	1195	1199	1208	rBV	2920647	2759931	100.00%	12.108%
10	9.539	1260	1267	1273	rBV	179634	201394	7.30%	0.884%
11	9.739	1298	1301	1305	rBV	72531	58026	2.10%	0.255%
12	9.822	1311	1315	1323	rBV	995110	954502	34.58%	4.187%
13	10.239	1383	1386	1389	rVB	95822	74826	2.71%	0.328%
14	10.457	1418	1423	1426	rBV2	24148	32876	1.19%	0.144%
15	10.616	1446	1450	1461	rBV	1634474	1603617	58.10%	7.035%
16	10.710	1463	1466	1473	rVV	79645	80173	2.90%	0.352%
17	11.310	1564	1568	1572	rBV	919193	882700	31.98%	3.872%
18	11.833	1652	1657	1667	rBV2	381031	422802	15.32%	1.855%
19	12.245	1724	1727	1730	rBV	90290	77509	2.81%	0.340%
20	12.533	1772	1776	1779	rBV	73923	78118	2.83%	0.343%
21	12.621	1787	1791	1800	rBV	87332	112124	4.06%	0.492%
22	12.763	1813	1815	1821	rVB	63153	68724	2.49%	0.301%
23	12.904	1834	1839	1842	rBV	2287603	2119280	76.79%	9.297%
24	13.827	1992	1996	2009	rVB	93038	121939	4.42%	0.535%
25	14.010	2023	2027	2036	rVB	544755	600511	21.76%	2.634%
26	14.104	2039	2043	2046	rBV	78198	69787	2.53%	0.306%
27	14.592	2122	2126	2130	rBV	115594	117451	4.26%	0.515%
28	14.851	2166	2170	2176	rBV4	36163	51268	1.86%	0.225%
29	15.515	2279	2283	2288	rVB	18500	31980	1.16%	0.140%
30	15.574	2288	2293	2304	rBV	401067	585411	21.21%	2.568%
31	16.015	2364	2368	2371	rBV2	23885	37424	1.36%	0.164%
32	16.268	2409	2411	2418	rVB5	20675	31414	1.14%	0.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 22794955

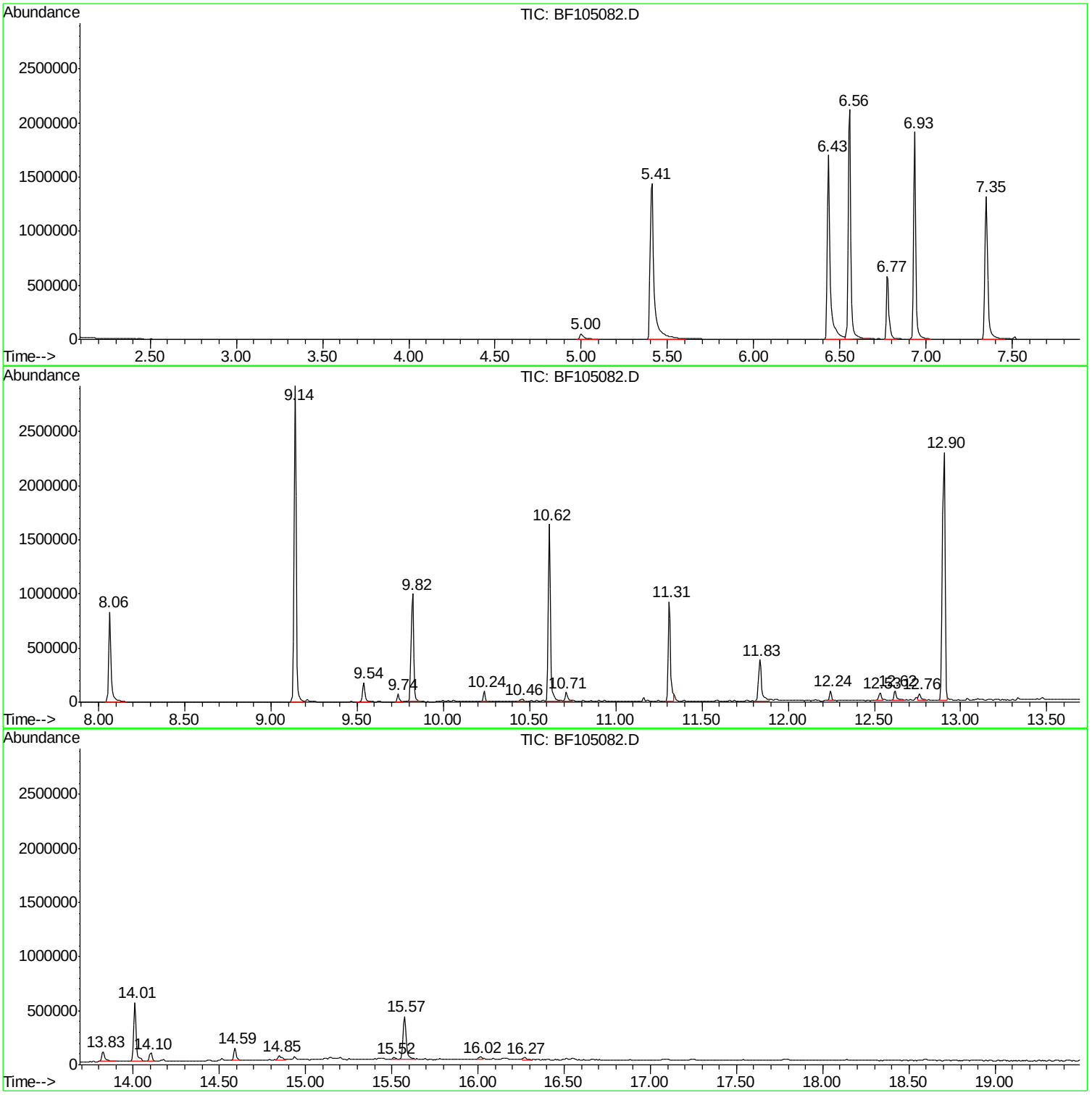
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

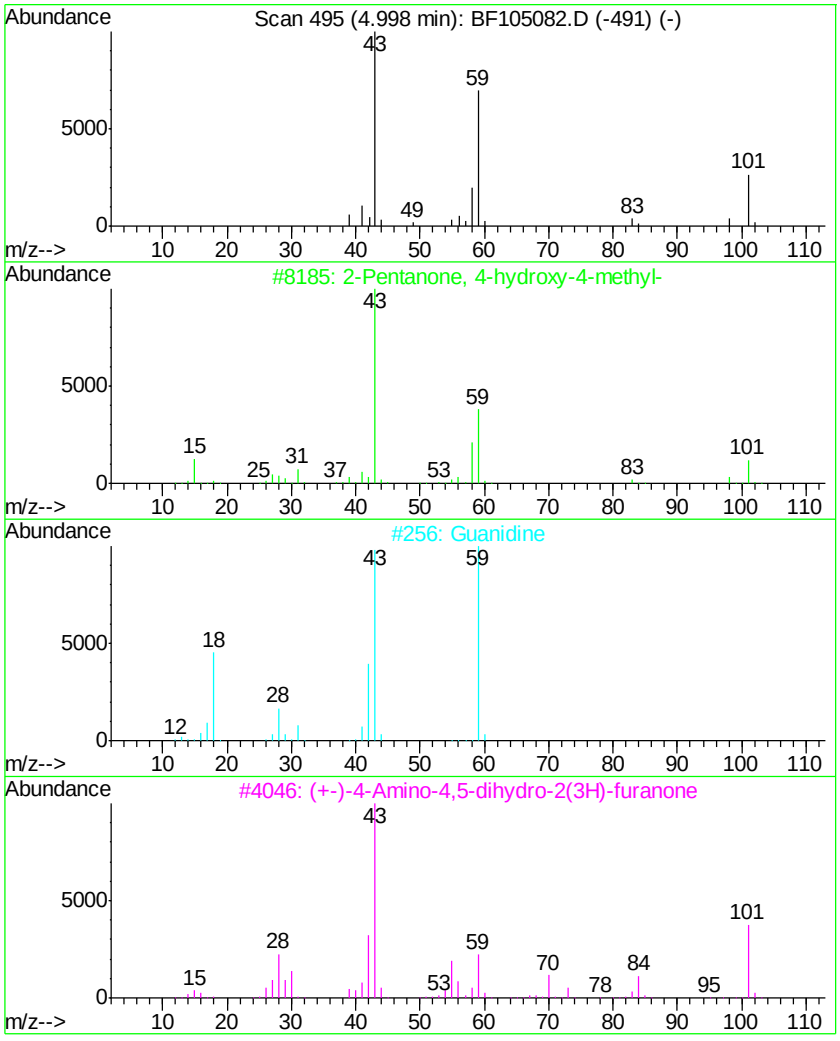
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

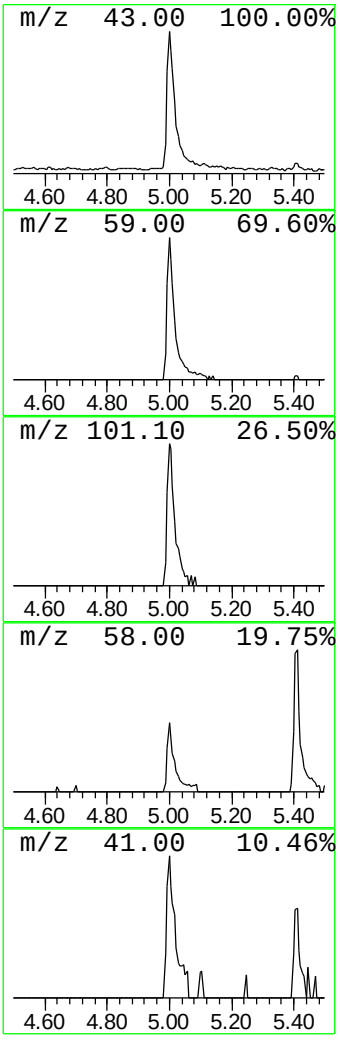
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.17 ng	96263	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

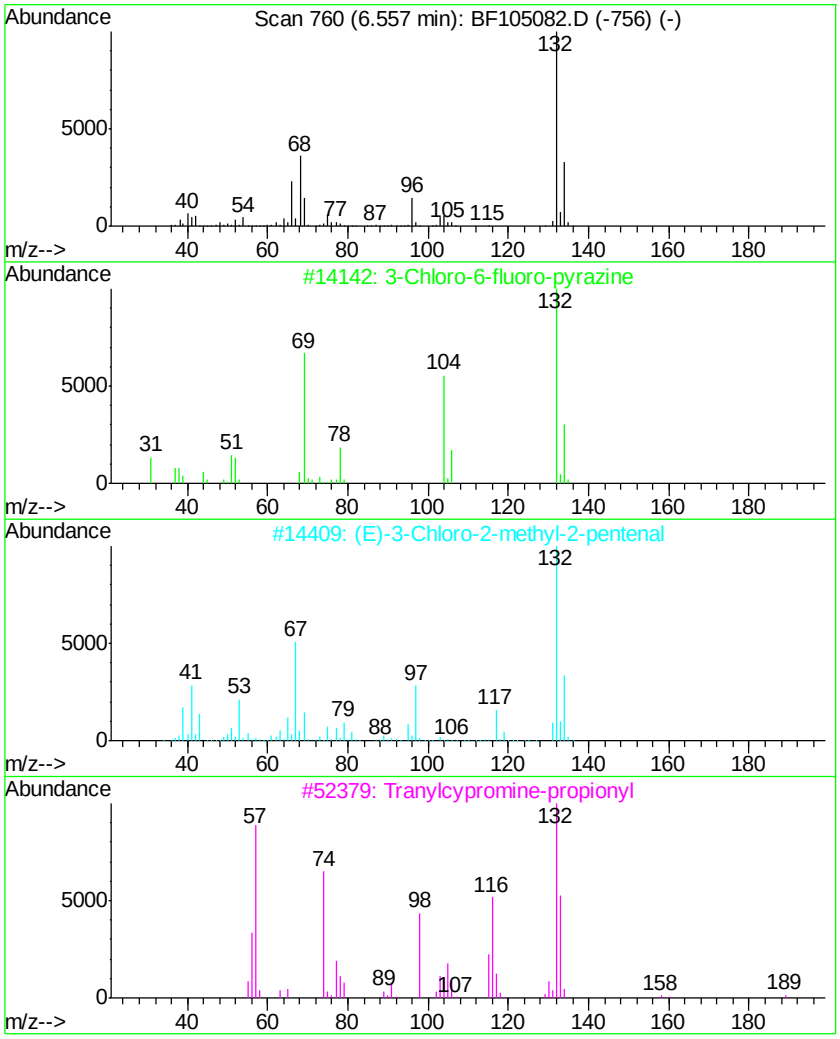
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

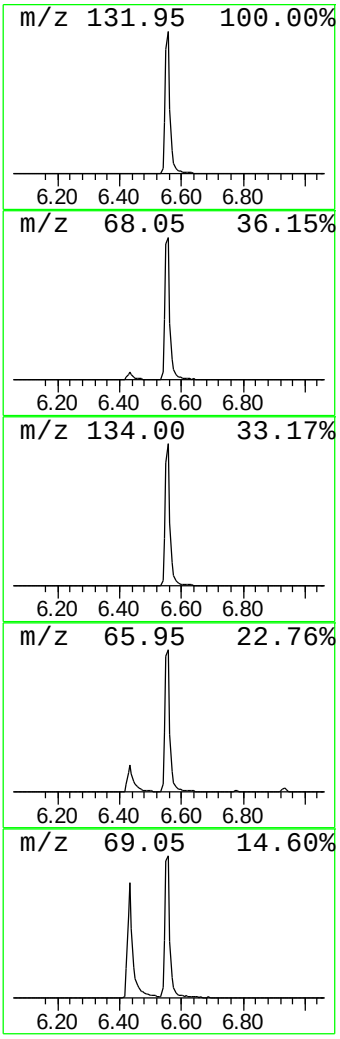
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	77.44 ng	2353370	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

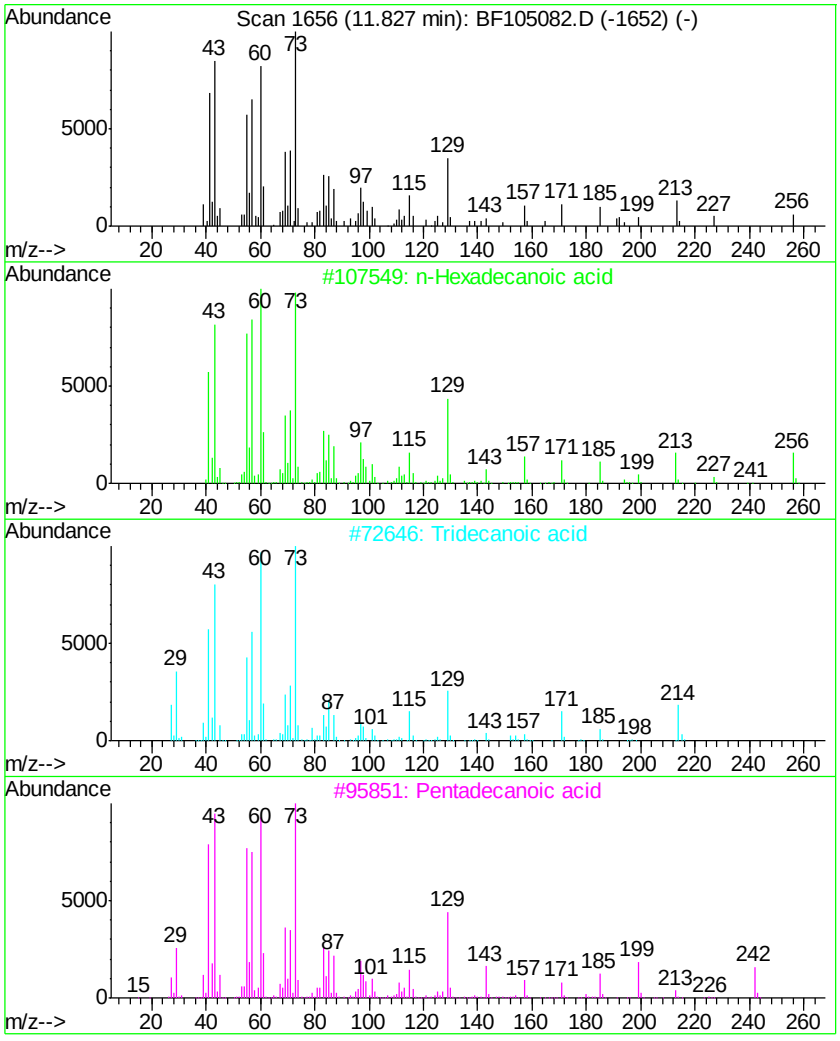
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

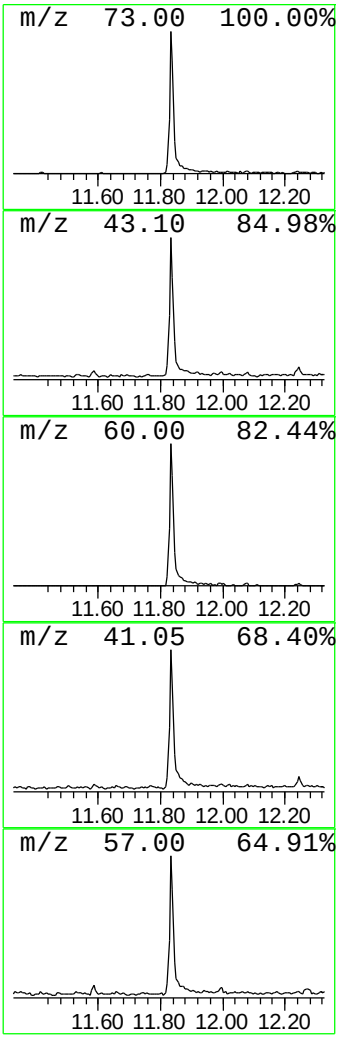
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.58 ng	422802	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

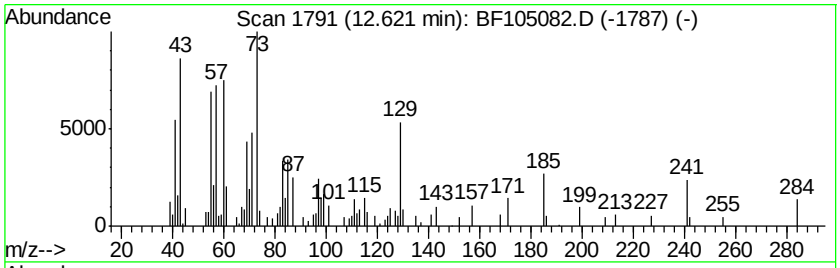
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

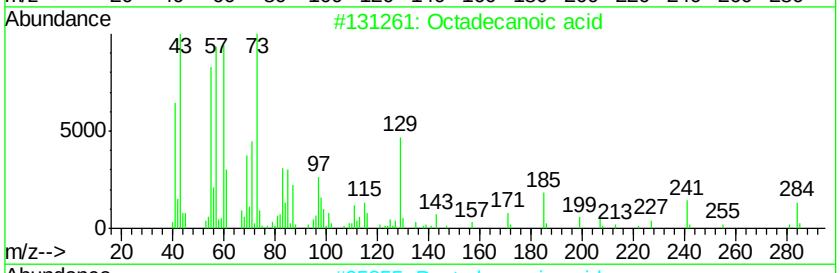
****

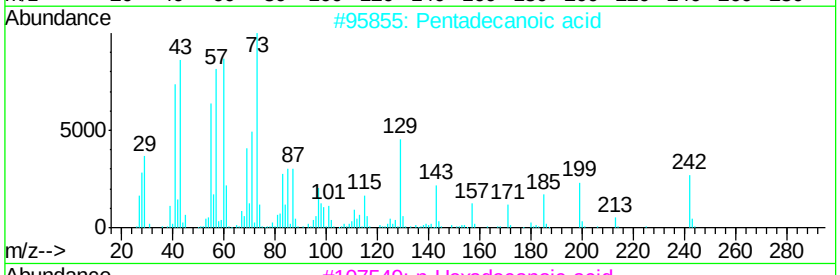
Peak Number 5 Octadecanoic acid Concentration Rank 7

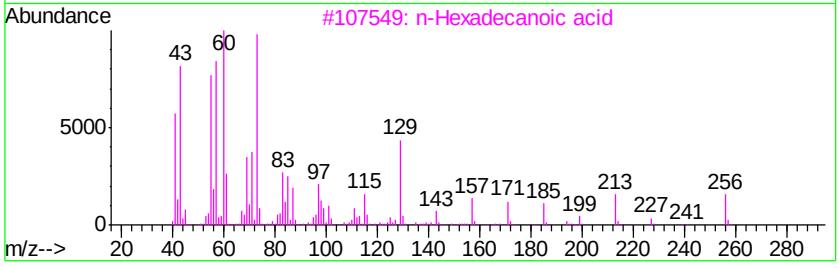
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.54 ng	112124	Phenanthrene-d10	11.31

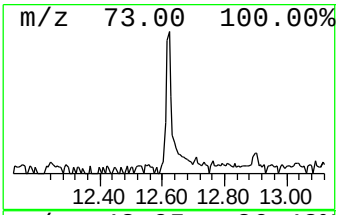
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38

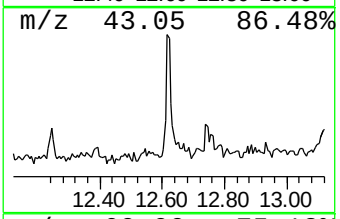


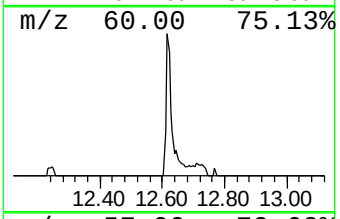


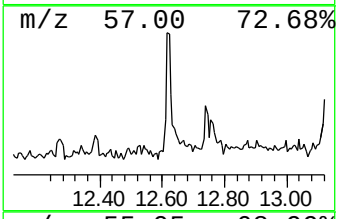


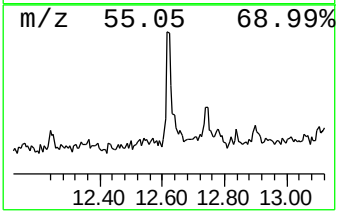












Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

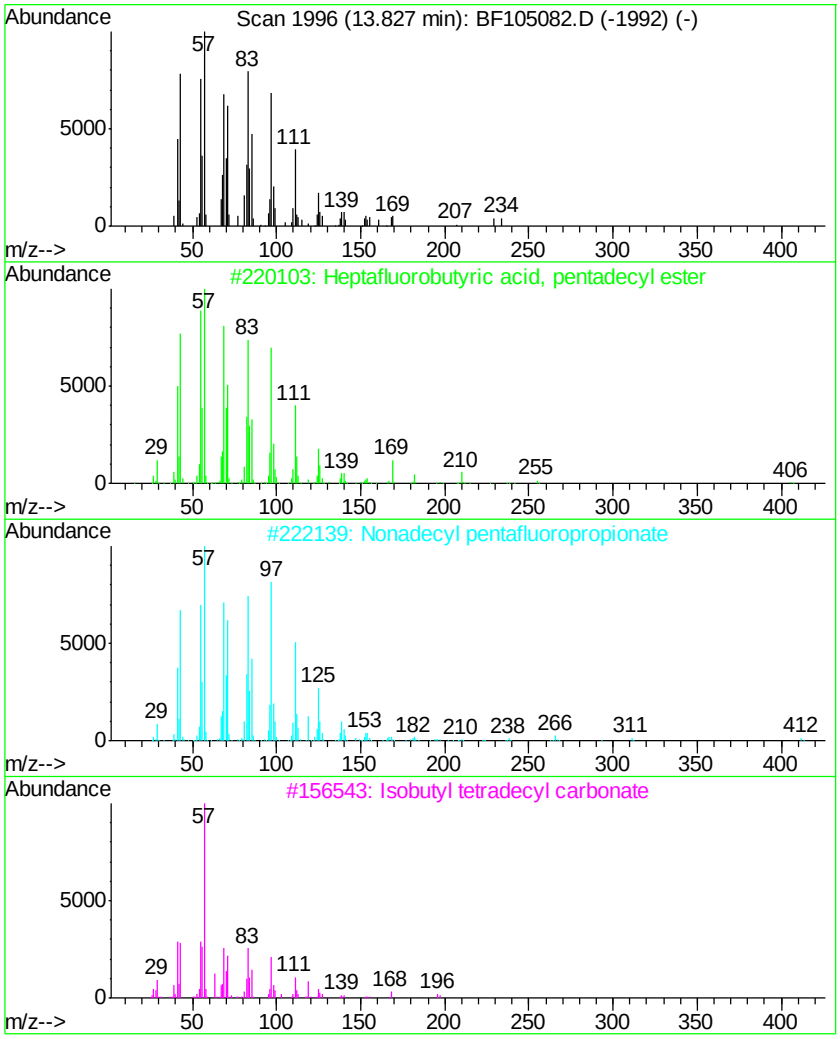
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

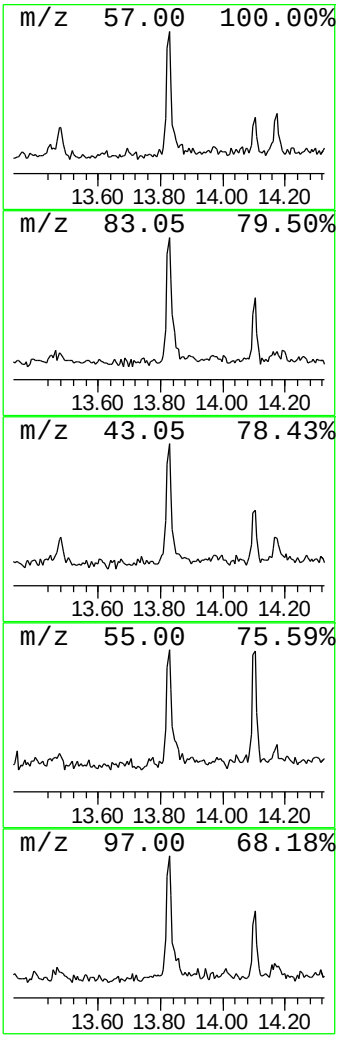
****

Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.06 ng	121939	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87





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Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

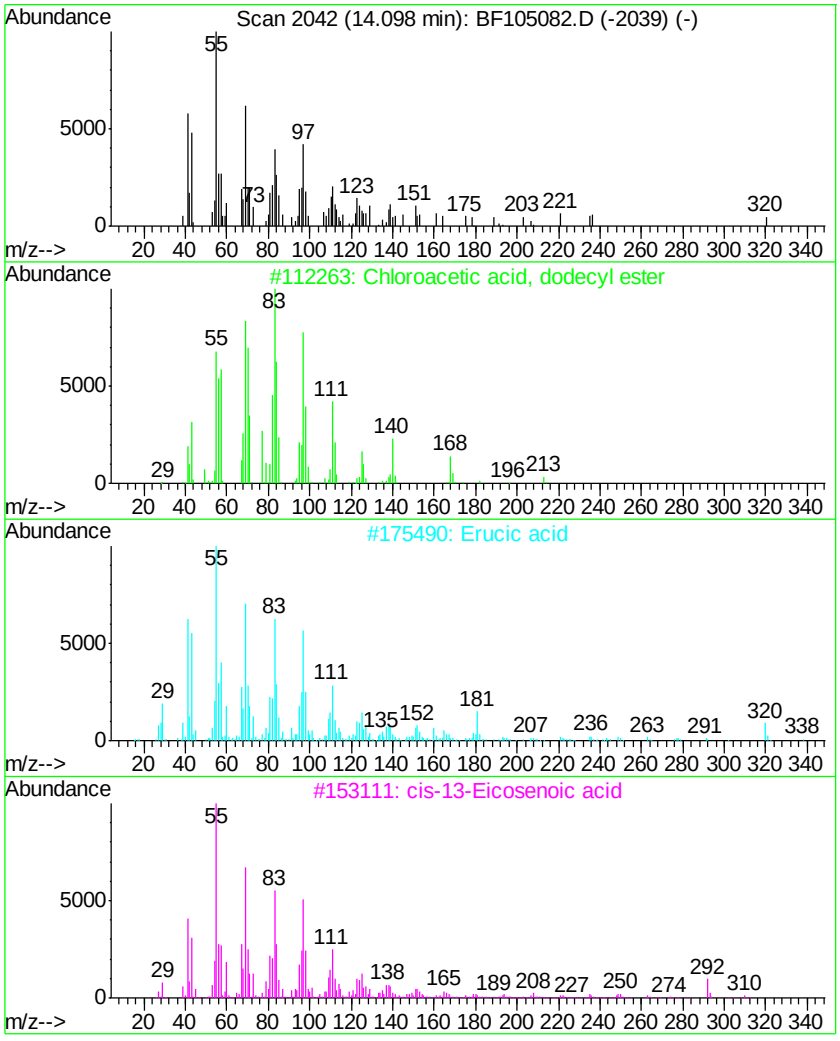
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

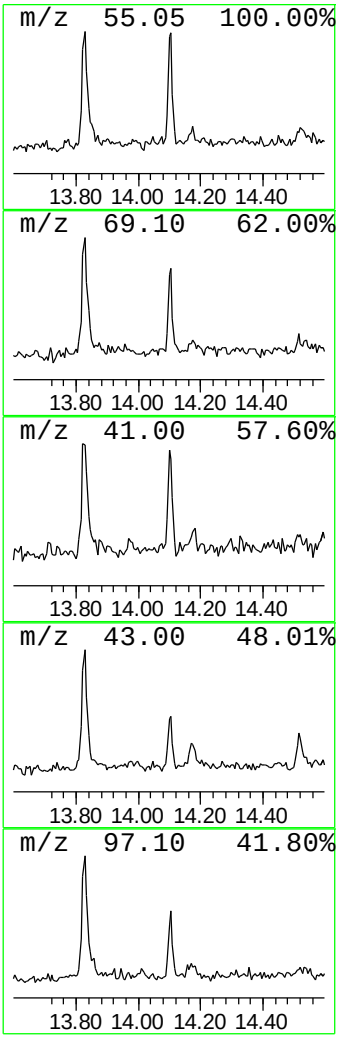
****

Peak Number 8 Chloroacetic acid, dodecyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.32 ng	69787	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	81
2	Erucic acid	338	C22H42O2	000112-86-7	81
3	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	81
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	81
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

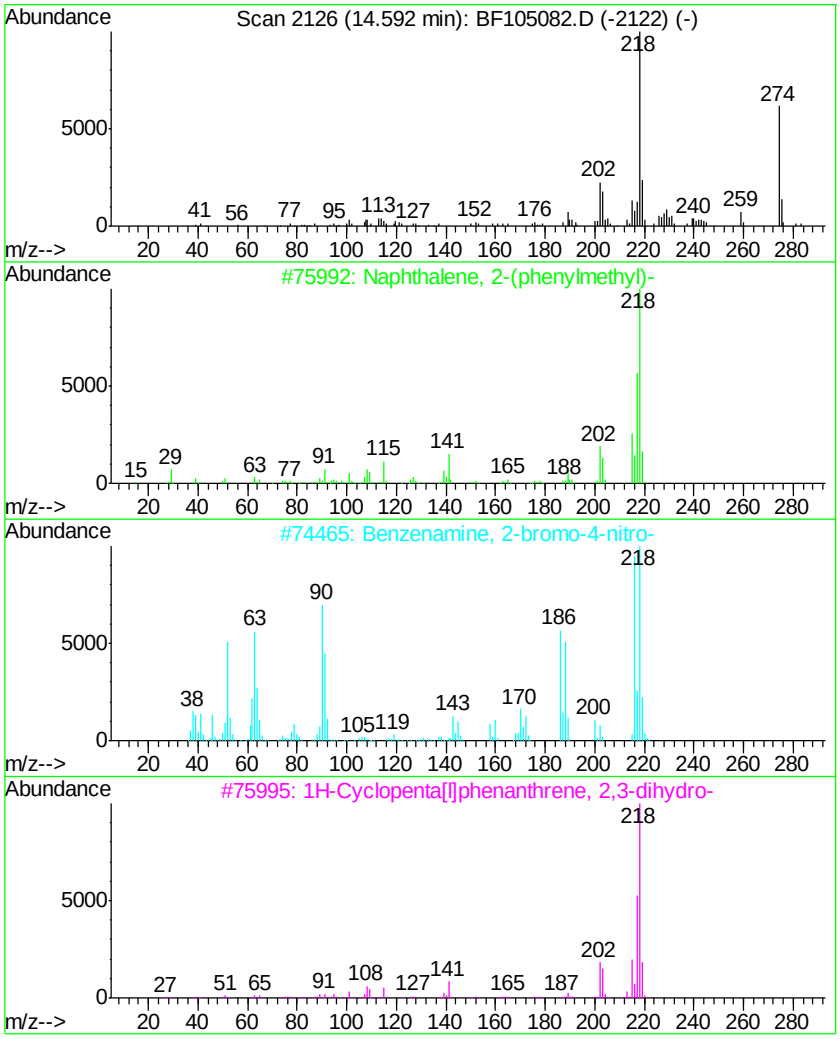
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

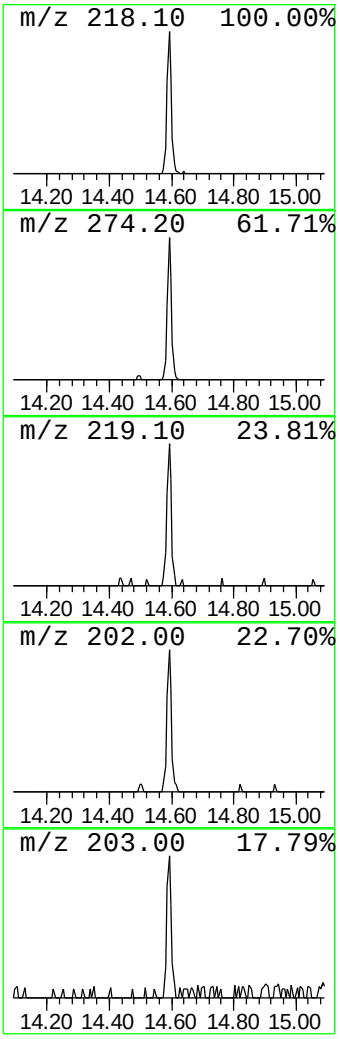
****

Peak Number 9 Naphthalene, 2-(phenylmethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.91 ng	117451	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	60
2	Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	49
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
4	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	43
5	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105082.D
Acq On : 3 May 2018 19:37
Operator : JU/SJ
Sample : J2667-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.00	3.2	ng	96263	1	6.78	607791	20.0
unknown6.56	6.56	77.4	ng	2353370	1	6.78	607791	20.0
n-Hexadecanoic acid	11.83	9.6	ng	422802	4	11.31	882700	20.0
Octadecanoic acid	12.62	2.5	ng	112124	4	11.31	882700	20.0
Heptafluorobutyri...	13.83	4.1	ng	121939	5	14.01	600511	20.0
Chloroacetic acid...	14.10	2.3	ng	69787	5	14.01	600511	20.0
Naphthalene, 2-(p...	14.59	3.9	ng	117451	5	14.01	600511	20.0