LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113923.D
Acq On : 23 Apr 2019 16:33
Operator : JU/SJ
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

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-BF042219.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	2.216	18	22	29	rVB	47710	68125	2.08%	0.224%
2	5.528	580	585	588	rBV	3031003	3092812	94.23%	10.151%
3	6.528	750	755	758	rBV	2815962	3198506	97.45%	10.497%
4	6.669	775	779	783	rBV	3180342	3282043	100.00%	10.772%
5	6.898	815	818	822	rVB	942236	751972	22.91%	2.468%
6	7.034	838	841	842	rBV	762732	635193	19.35%	2.085%
7	7.057	842	845	848	rVB	3070684	2646499	80.64%	8.686%
8	7.292	882	885	897	rBV	523464	510010	15.54%	1.674%
9	7.457	908	913	916	rBV	2045341	1892246	57.65%	6.210%
10	8.181	1031	1036	1039	rBV	1017481	876003	26.69%	2.875%
11	9.257	1214	1219	1222	rBV	3526148	3246778	98.93%	10.656%
12	9.645	1281	1285	1290	rBV	423905	382403	11.65%	1.255%
13	9.822	1307	1315	1321	rBV	130269	166211	5.06%	0.546%
14	9.933	1330	1334	1339	rVB	1086905	927189	28.25%	3.043%
15	10.722	1464	1468	1480	rBV	2296612	2103561	64.09%	6.904%
16	10.857	1486	1491	1497	rVB4	32957	55141	1.68%	0.181%
17	11.422	1583	1587	1590	rBV	1008375	935241	28.50%	3.069%
18	11.869	1660	1663	1671	rBV8	17521	50769	1.55%	0.167%
19	11.939	1672	1675	1685	rVV	185531	197948	6.03%	0.650%
20	12.727	1806	1809	1814	rBV2	69058	85101	2.59%	0.279%
21	12.898	1834	1838	1850	rBV	258616	453856	13.83%	1.490%
22	13.004	1852	1856	1859	rBV	3465824	3062386	93.31%	10.051%
23	14.057	2029	2035	2039	rBV	1087492	1099195	33.49%	3.608%
24	15.551	2284	2289	2292	rBV	605822	750281	22.86%	2.462%

Sum of corrected areas: 30469469

LSC Report - Integrated Chromatogram

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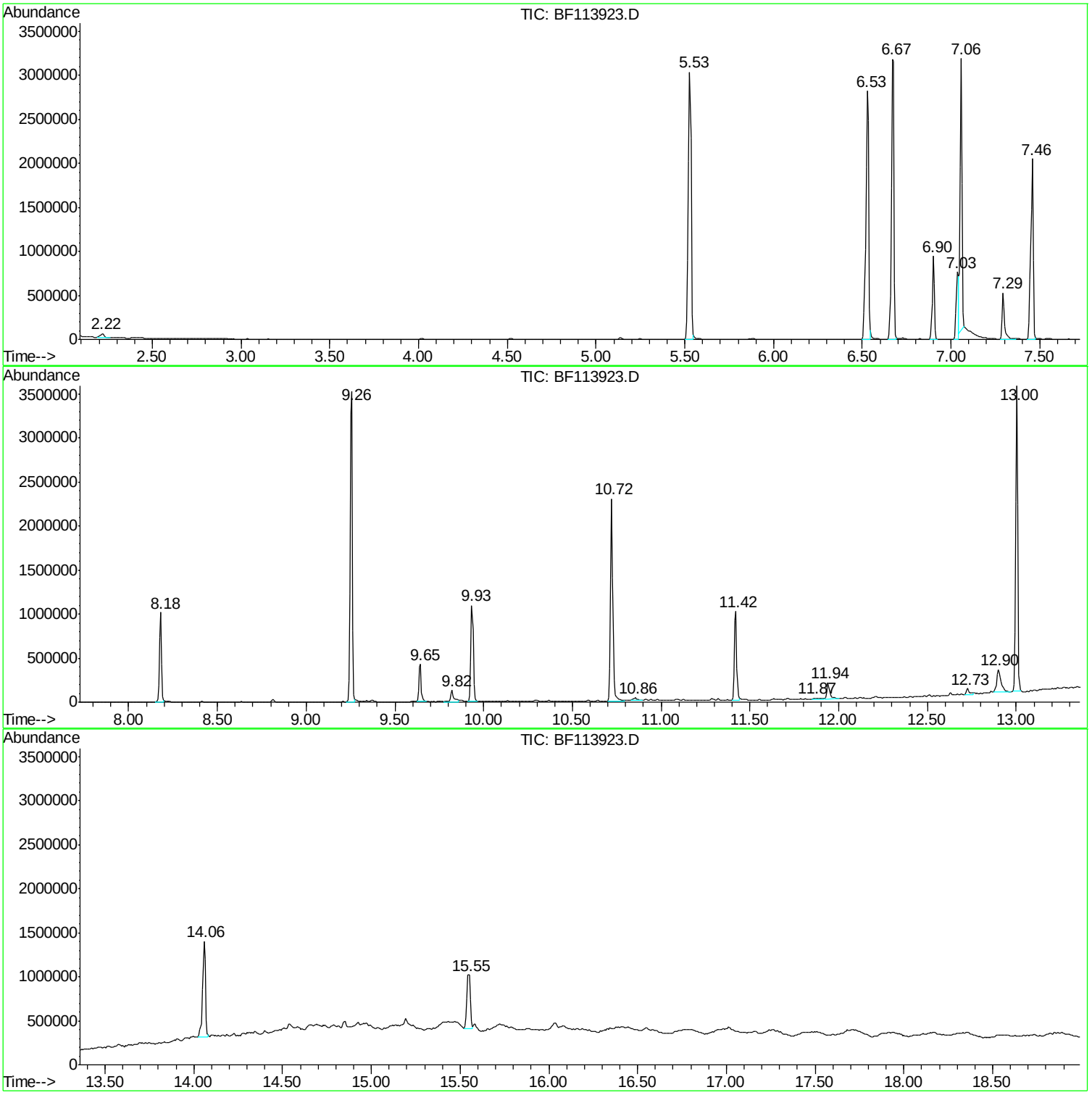
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113923.D
Acq On : 23 Apr 2019 16:33
Operator : JU/SJ
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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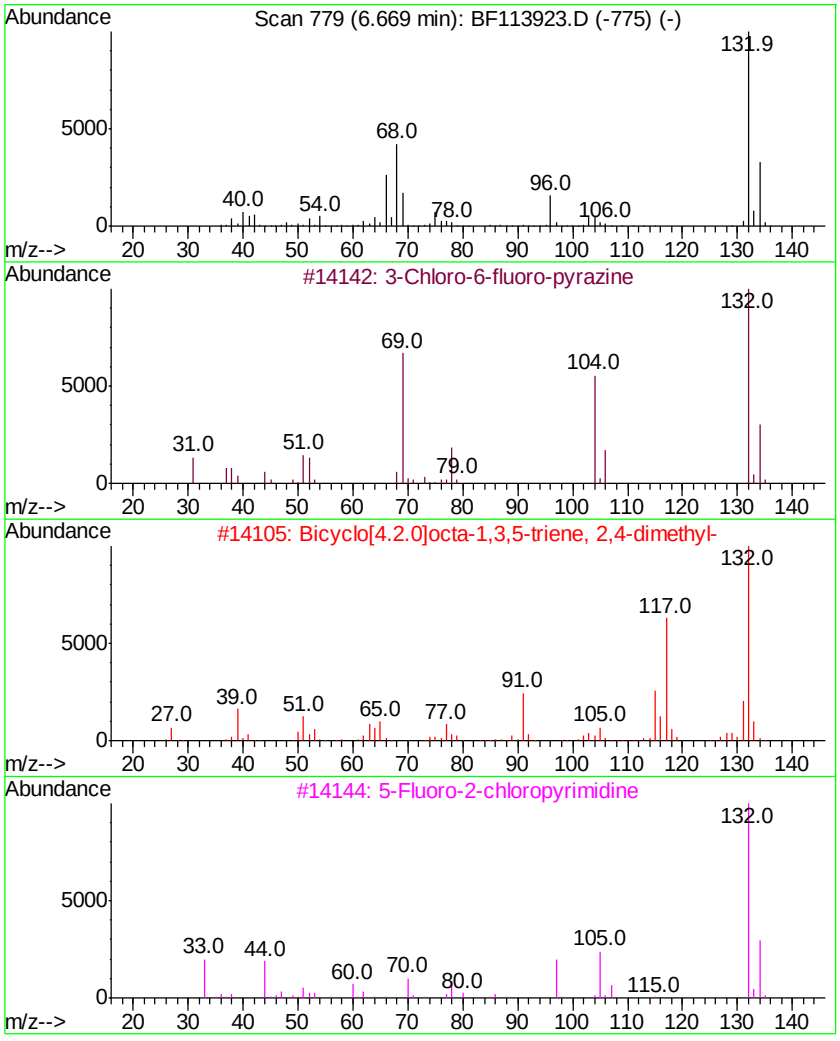
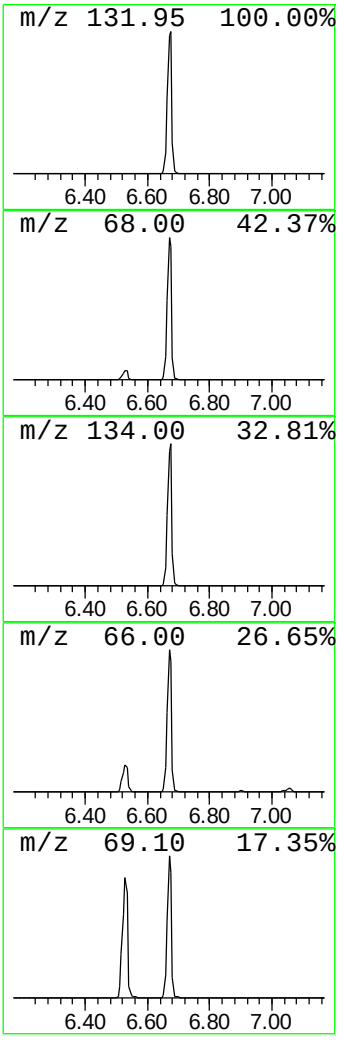
Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	87.29 ng	3282040	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF113923.D
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Operator : JU/SJ
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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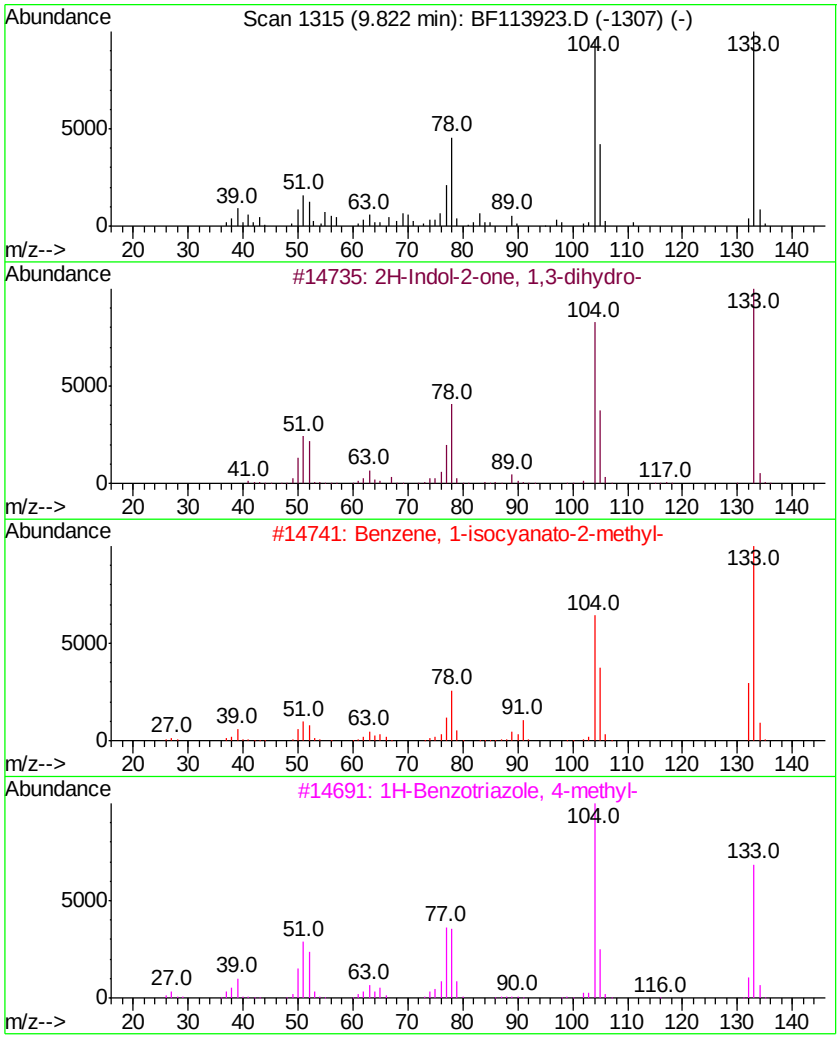
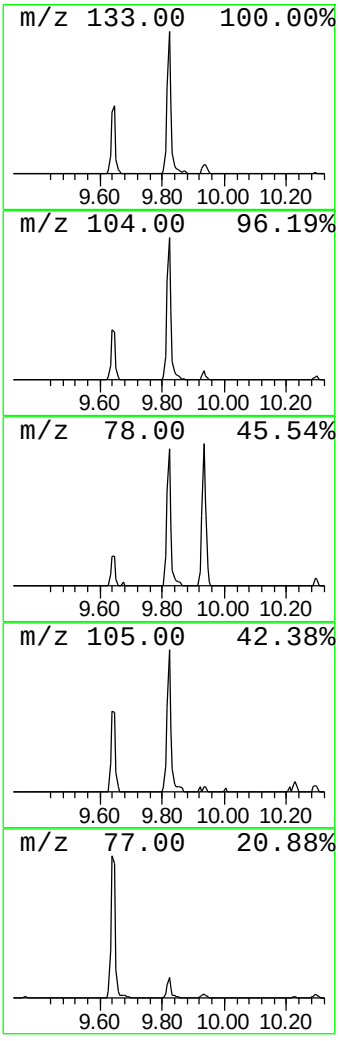
Peak Number 2 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.59 ng	166211	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	95
2	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	91
3	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	90
4	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	90
5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113923.D
Acq On : 23 Apr 2019 16:33
Operator : JU/SJ
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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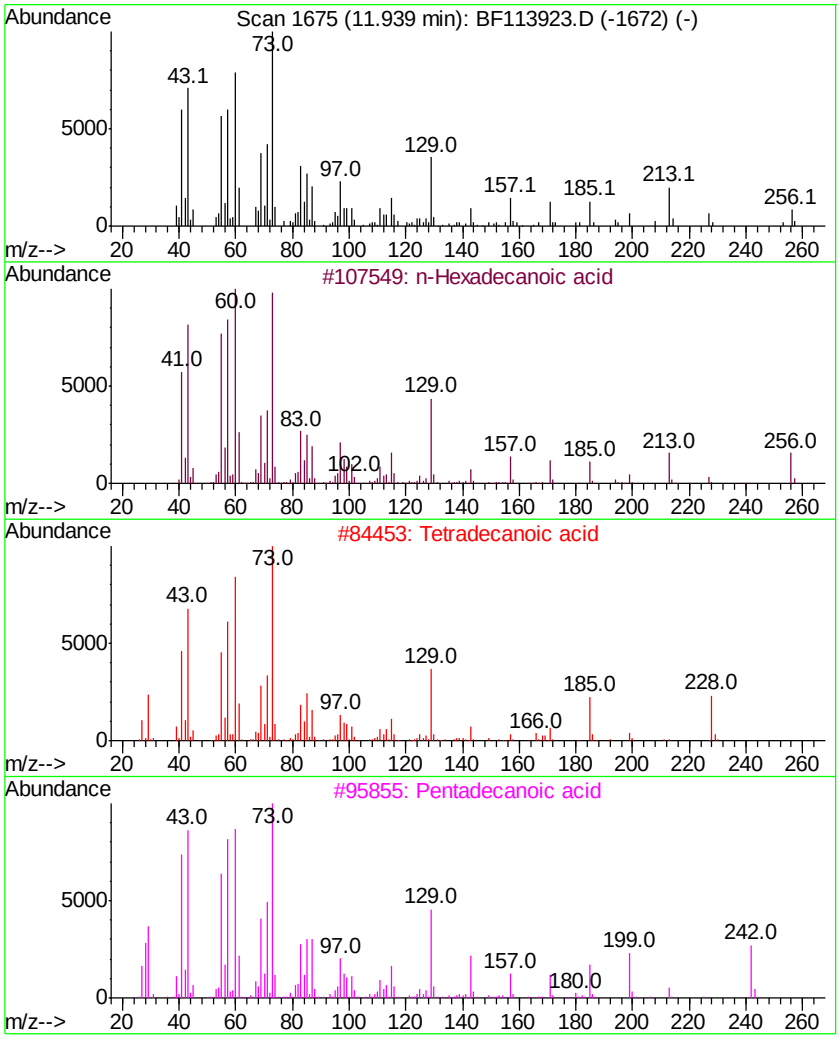
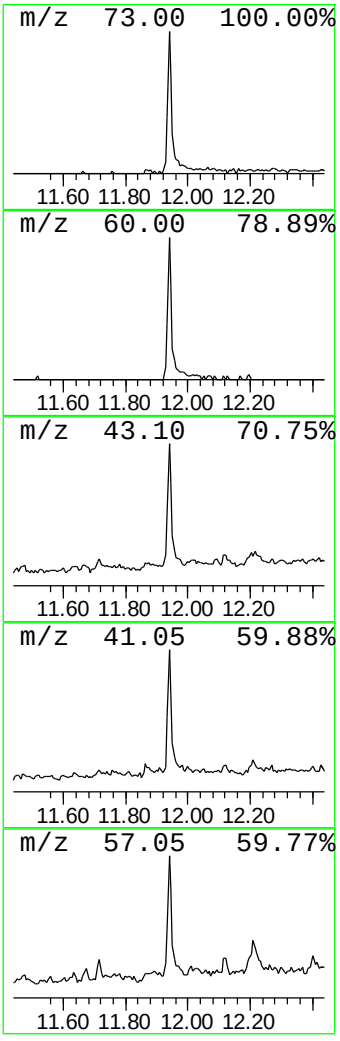
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.23 ng	197948	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Data File : BF113923.D
Acq On : 23 Apr 2019 16:33
Operator : JU/SJ
Sample : K2518-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MUDDY-BAGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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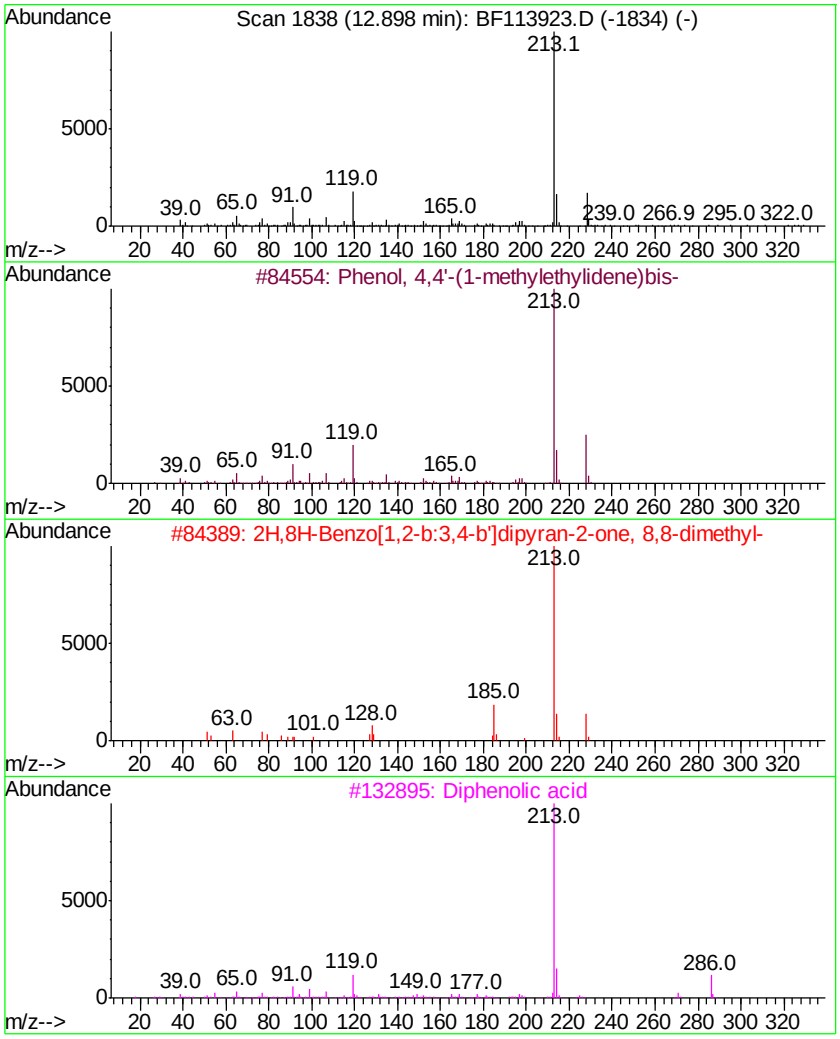
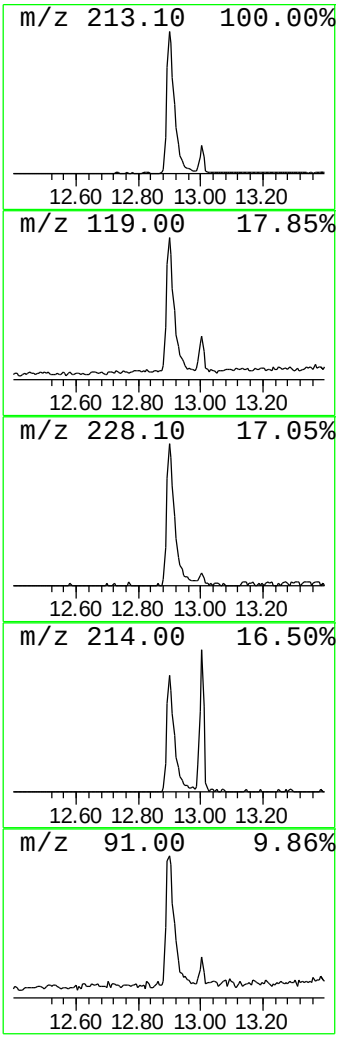
Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	8.26 ng	453856	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59
3	Diphenolic acid	286	C17H18O4	000126-00-1	59
4	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	58
5	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
Data File : BF113923.D
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	87.3	ng	3282040	1	6.90	751972	20.0
2H-Indol-2-one, 1...	9.82	3.6	ng	166211	3	9.93	927189	20.0
n-Hexadecanoic acid	11.94	4.2	ng	197948	4	11.42	935241	20.0
Phenol, 4,4'-(1-m...	12.90	8.3	ng	453856	5	14.06	1099200	20.0