

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033428.D
 Acq On : 12 Dec 2021 00:44
 Operator : CG/JU
 Sample : M4965-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-GRAB-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 12 01:15:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	64729	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	247377	20.00	ng	0.00
39) Acenaphthene-d10	14.524	164	145136	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	266744	20.00	ng	0.00
76) Chrysene-d12	21.424	240	231953	20.00	ng	0.00
86) Perylene-d12	23.747	264	237480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	445194	112.83	ng	0.00
7) Phenol-d6	7.072	99	580330	105.49	ng	0.00
23) Nitrobenzene-d5	9.060	82	432005	74.15	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	160140	103.15	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	825920	78.72	ng	0.00
79) Terphenyl-d14	19.877	244	926018	73.96	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.966	122	7410m	3.13	ng	
35) Caprolactam	11.660	113	2415m	3.28	ng	
74) Di-n-butylphthalate	18.224	149	104362	6.79	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.330	149	53929	6.01	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

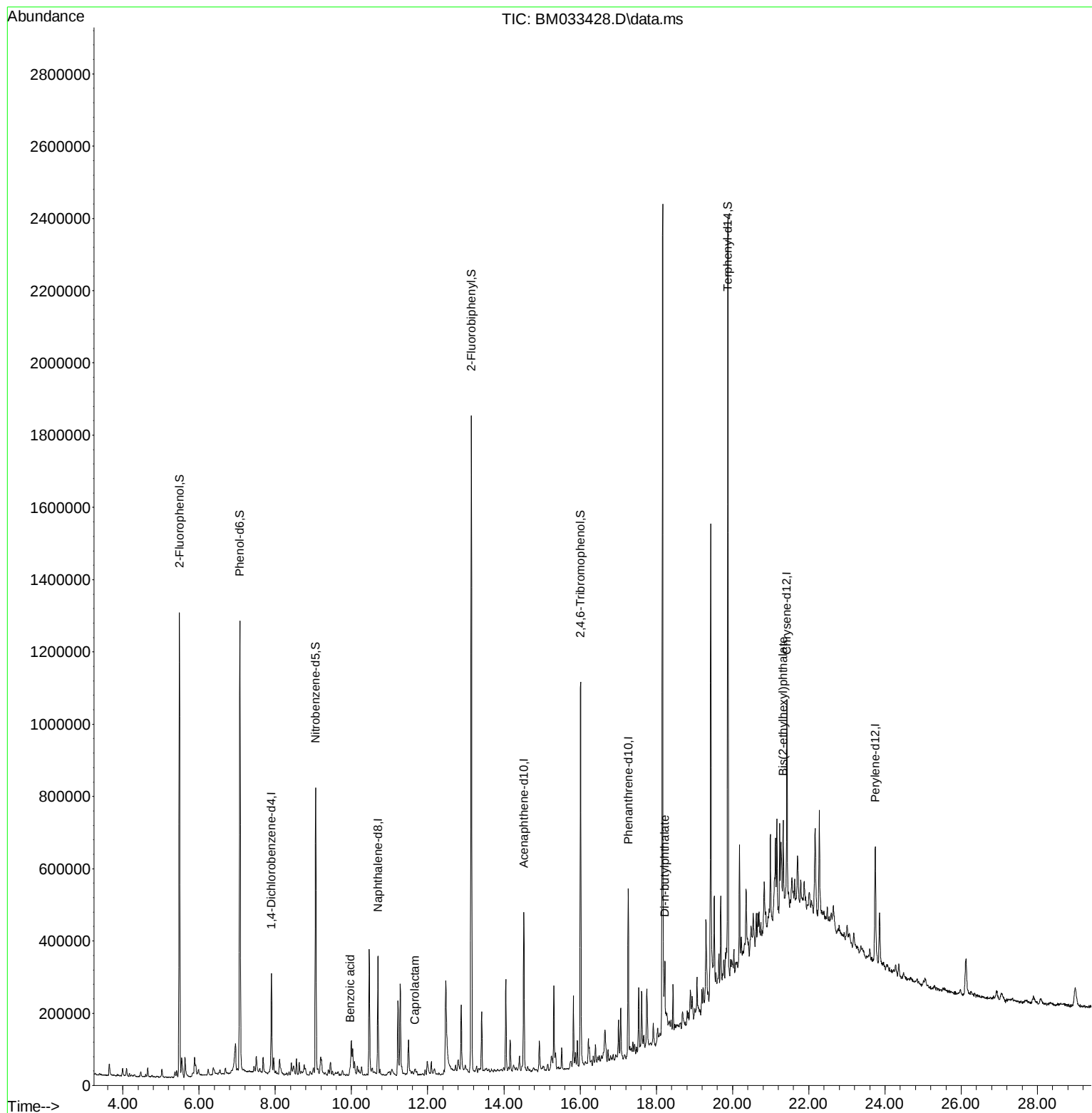
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033428.D
Acq On : 12 Dec 2021 00:44
Operator : CG/JU
Sample : M4965-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

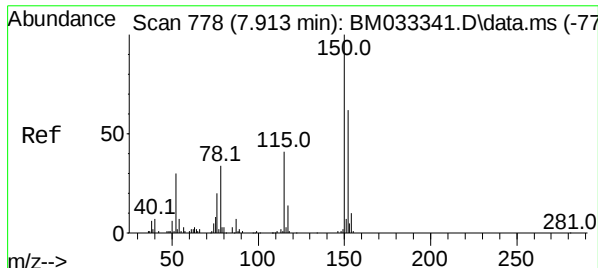
Instrument :
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ClientSampleId :
BLUE-CONCRETE-GRAB-1

Quant Time: Dec 12 01:15:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 12 00:15:00 2021
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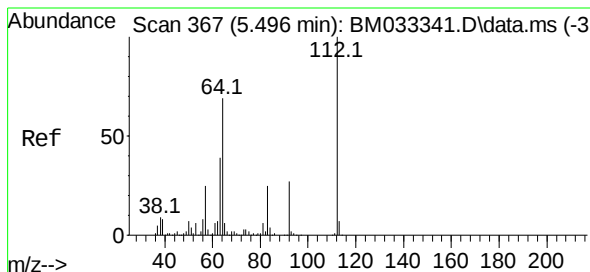
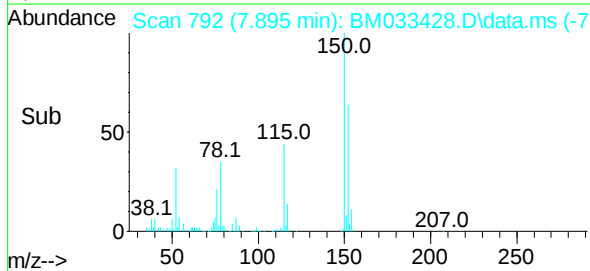
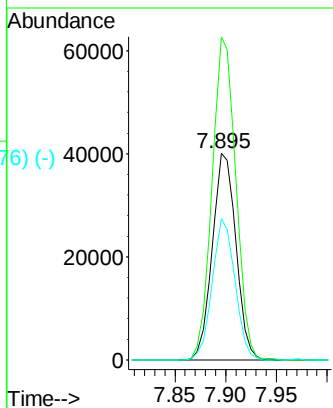
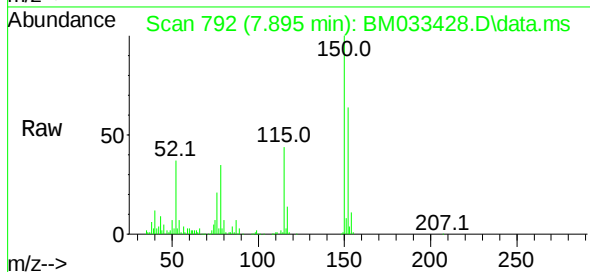
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.895 min Scan#
 Delta R.T. -0.006 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-GRAB-1

Tgt Ion:152 Resp: 6472
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.9 193.3
 115 68.5 53.0 79.6

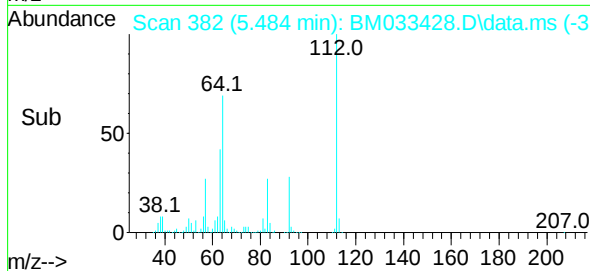
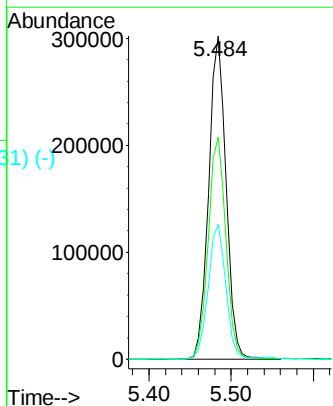
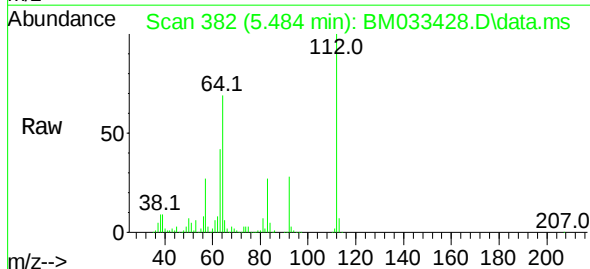
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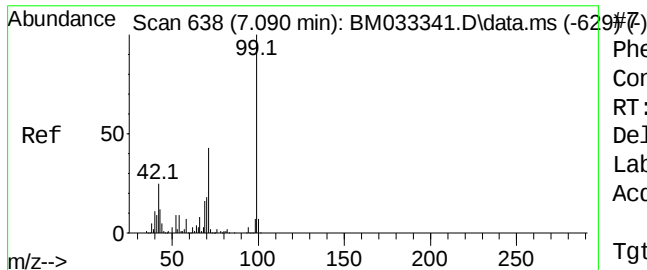
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



2-Fluorophenol
 Concen: 112.83 ng
 RT: 5.484 min Scan# 382
 Delta R.T. 0.000 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

Tgt Ion:112 Resp: 445194
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.5 83.3
 63 41.8 31.3 46.9





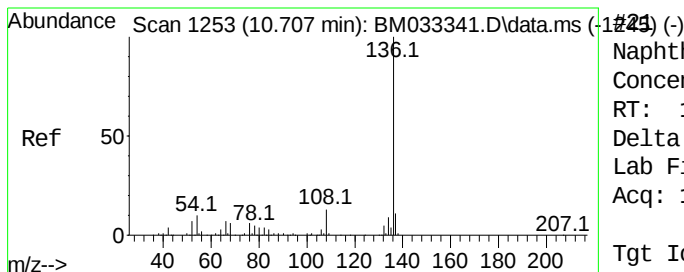
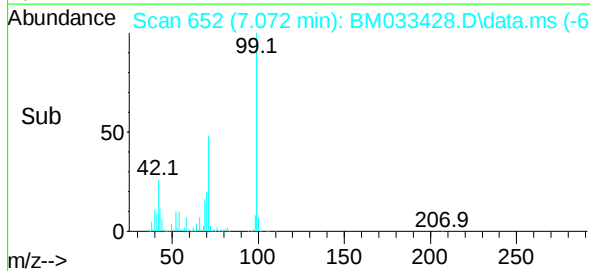
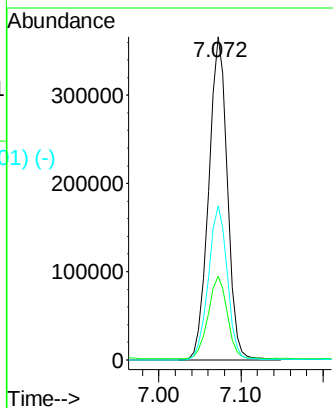
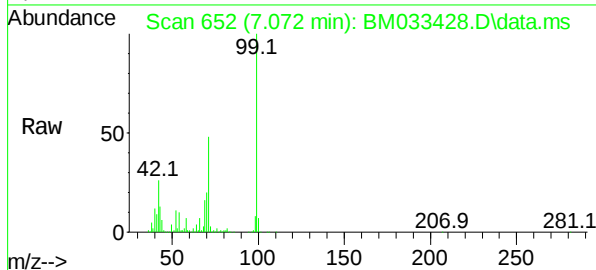
Phenol-d6
Concen: 105.49 ng
RT: 7.072 min Scan# 638
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-GRAB-1

Tgt Ion: 99 Resp: 58033
Ion Ratio Lower Upper
99 100
42 26.0 20.3 30.5
71 47.8 34.5 51.7

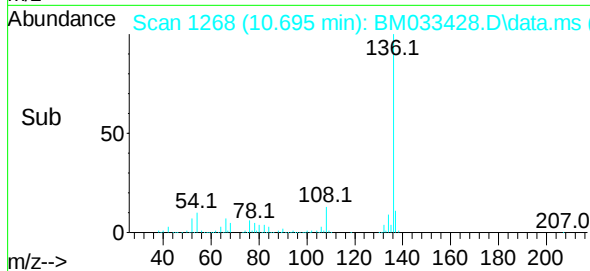
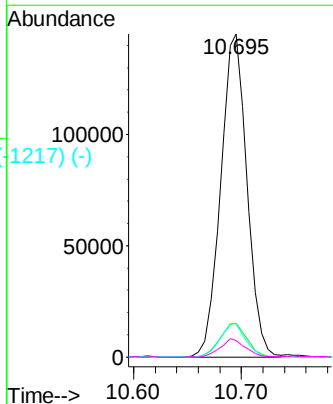
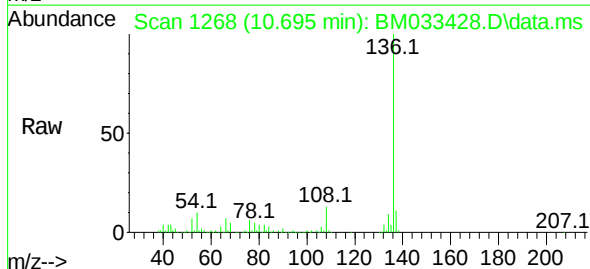
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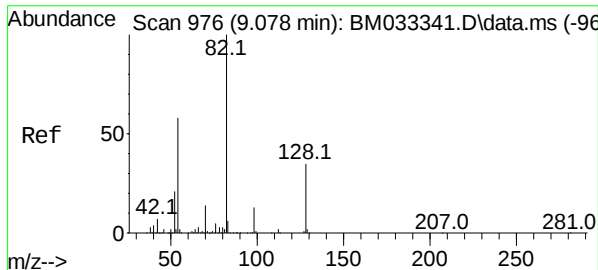
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Naphthalene-d8
Concen: 20.00 ng
RT: 10.695 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:136 Resp: 247377
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.2 8.3 12.5
68 5.1 5.0 7.6





Nitrobenzene-d5

Concen: 74.15 ng

RT: 9.060 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM033428.D

Acq: 12 Dec 2021 00:44

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-GRAB-1

Tgt Ion: 82 Resp: 43200

Ion Ratio Lower Upper

82 100

128 34.5 28.1 42.1

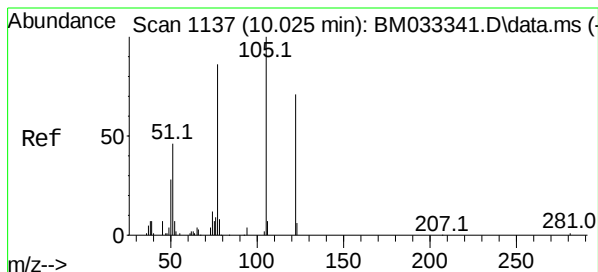
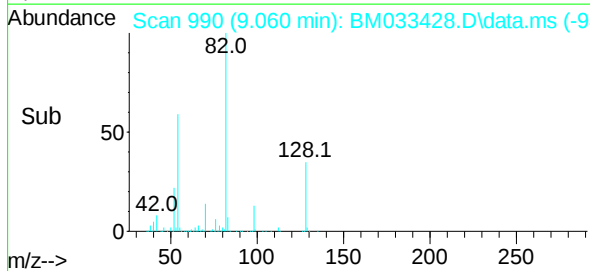
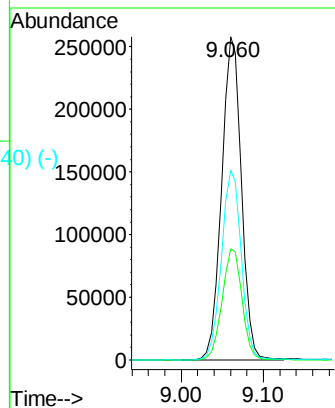
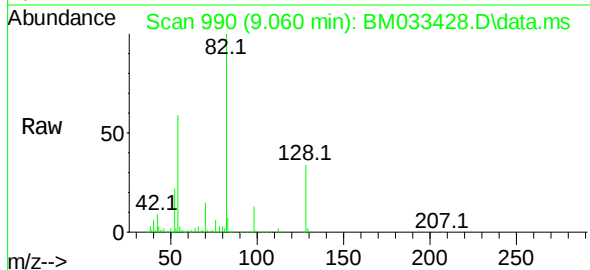
54 58.8 46.1 69.1

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Benzoic acid

Concen: 3.13 ng m

RT: 9.966 min Scan# 1144

Delta R.T. -0.053 min

Lab File: BM033428.D

Acq: 12 Dec 2021 00:44

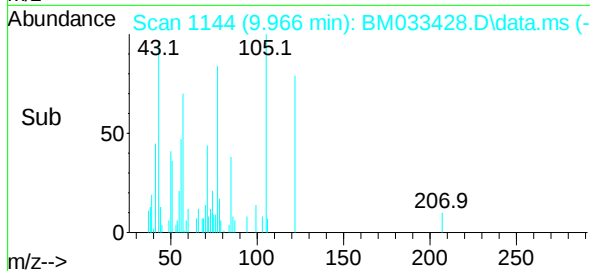
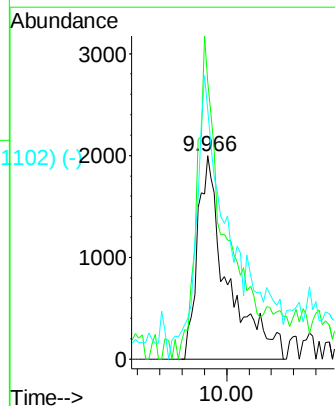
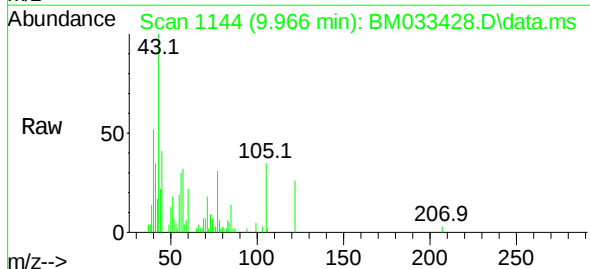
Tgt Ion:122 Resp: 7410

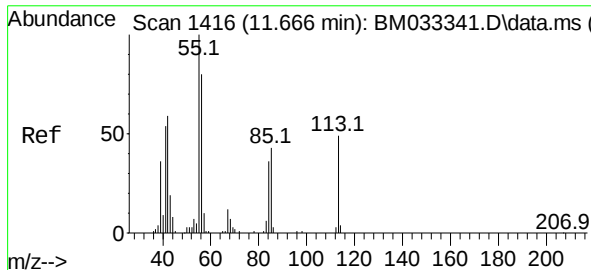
Ion Ratio Lower Upper

122 100

105 136.2 119.6 159.6

77 122.4 101.0 141.0





Caprolactam
Concen: 3.28 ng m
RT: 11.660 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

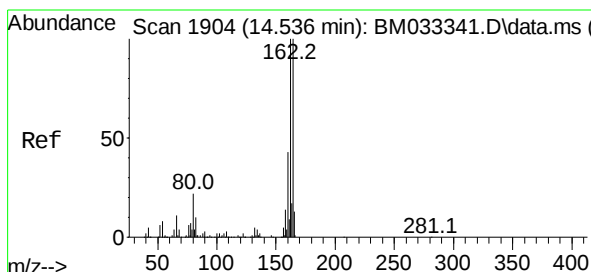
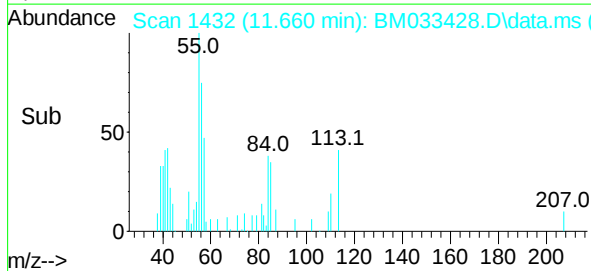
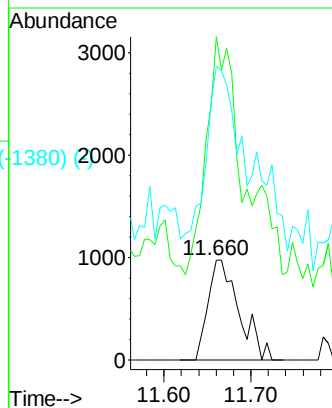
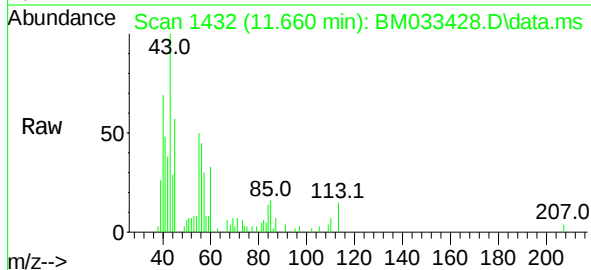
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BLUE-CONCRETE-GRAB-1

Tgt Ion:113 Resp: 245

Ion	Ratio	Lower	Upper
113	100		
55	323.2	183.6	223.6
56	293.9	143.7	183.7

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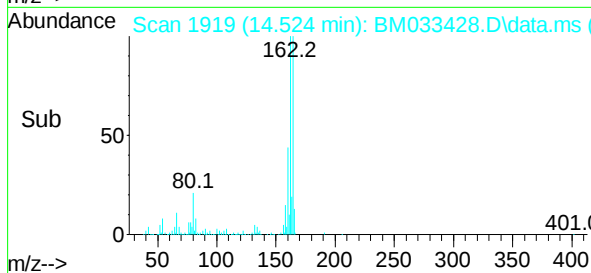
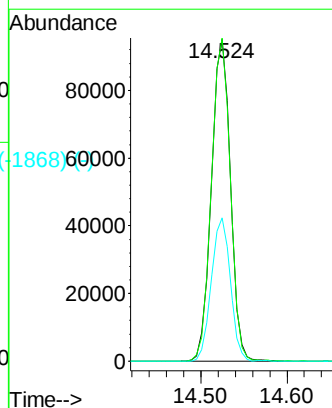
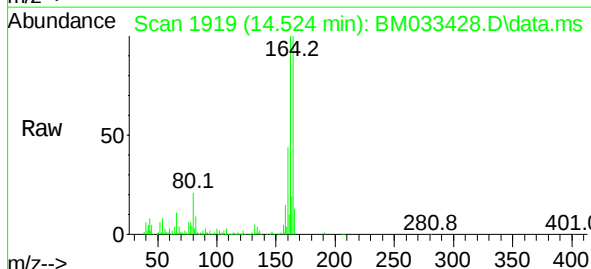
Reviewed By :Christian Giraldo 12/13/2021
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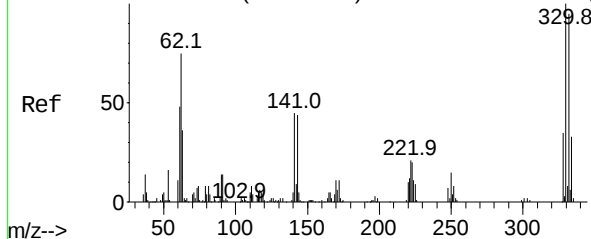
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.524 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:164 Resp: 145136

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.7	119.5
160	44.5	34.2	51.4



Abundance Scan 2157 (16.024 min): BM033341.D\data.ms (-2157) (-)



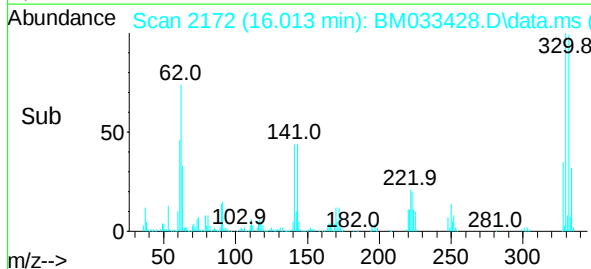
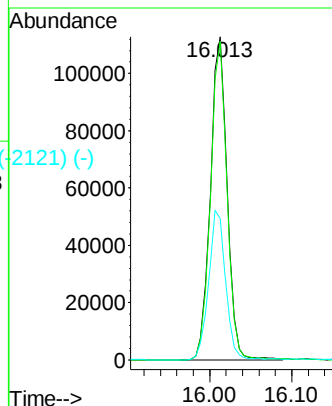
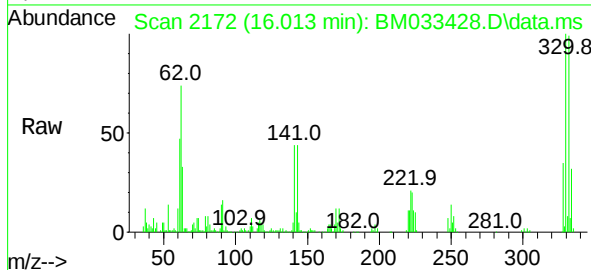
2,4,6-Tribromophenol
Concen: 103.15 ng
RT: 16.013 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-GRAB-1

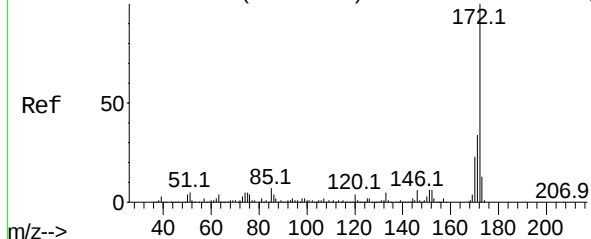
Tgt Ion:	330	Resp:	16014
Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.5	114.7
141	47.0	35.9	53.9

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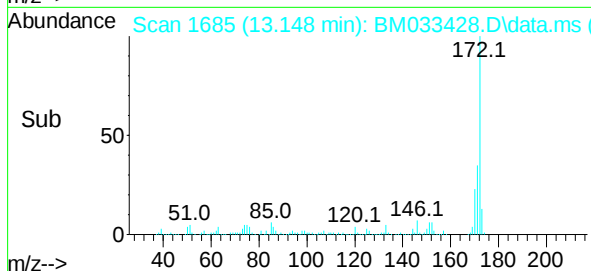
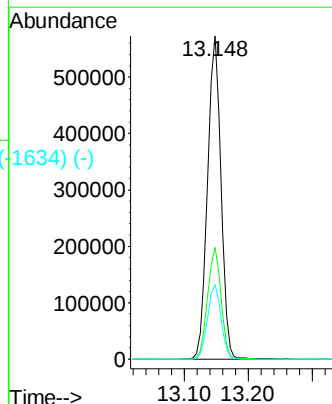
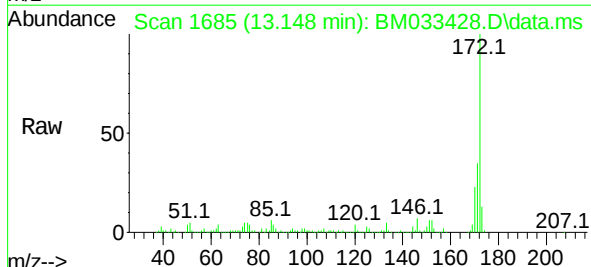


Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1670) (-)

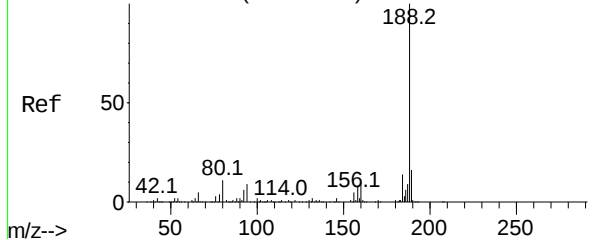


2-Fluorobiphenyl
Concen: 78.72 ng
RT: 13.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:	172	Resp:	825920
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	23.2	18.7	28.1



Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2364) (-)



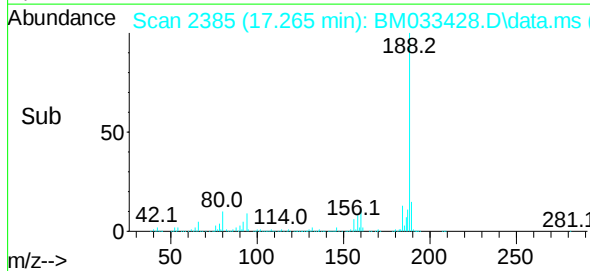
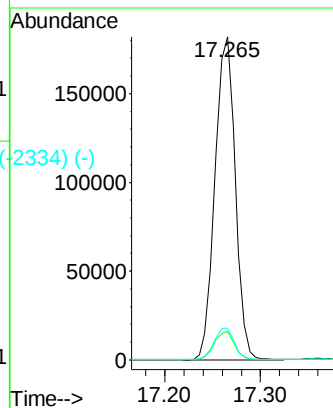
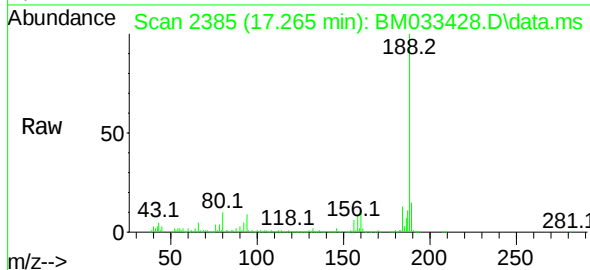
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.265 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-GRAB-1

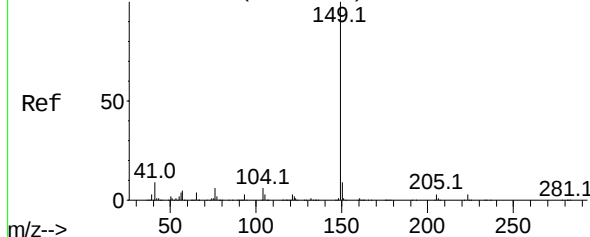
Tgt Ion:188 Resp: 26674
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.9 8.9 13.3

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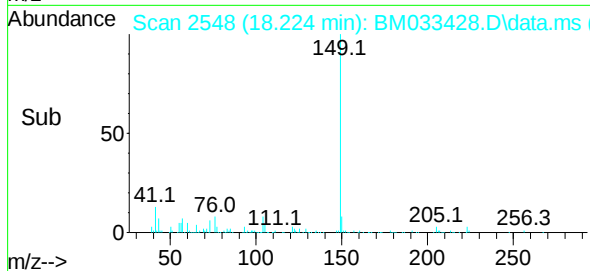
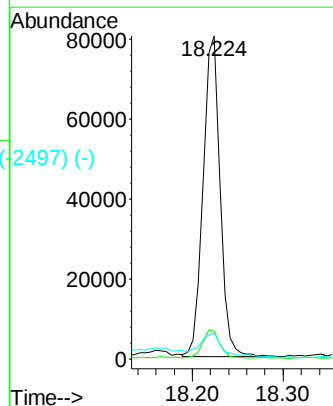
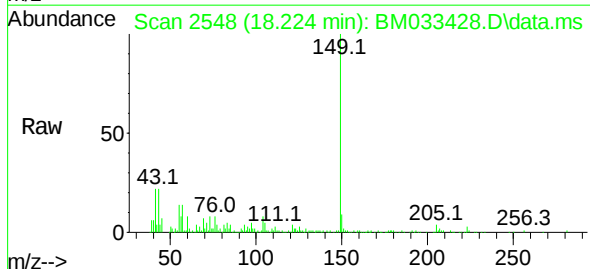


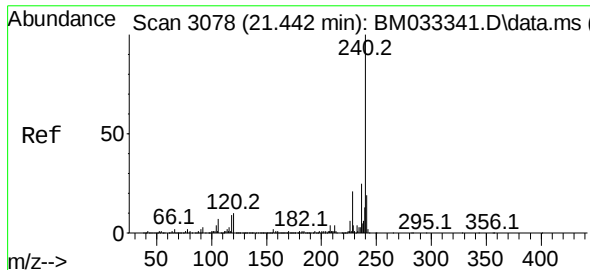
Abundance Scan 2533 (18.236 min): BM033341.D\data.ms (-2570) (-)



Di-n-butylphthalate
Concen: 6.79 ng
RT: 18.224 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:149 Resp: 104362
Ion Ratio Lower Upper
149 100
150 8.7 7.3 10.9
104 8.1 4.6 6.8#





Chrysene-d12
 Concen: 20.00 ng
 RT: 21.424 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

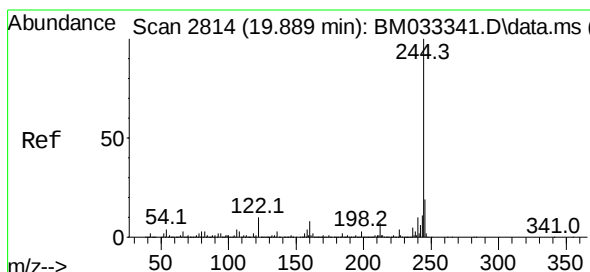
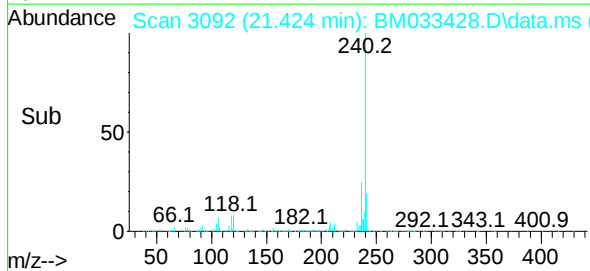
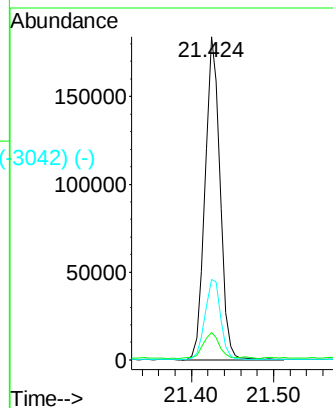
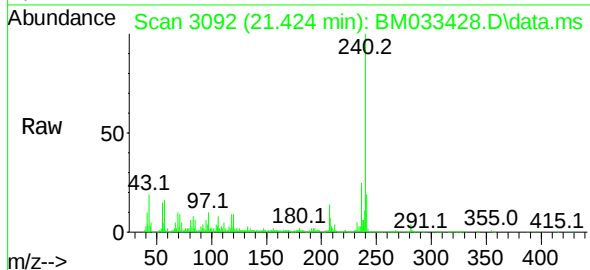
Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-GRAB-1

Tgt Ion:240 Resp: 23195

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.6
236	25.0	20.3	30.5

Manual Integrations
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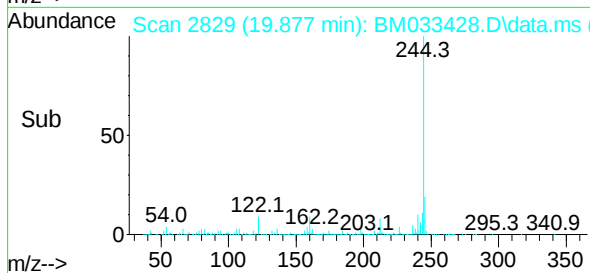
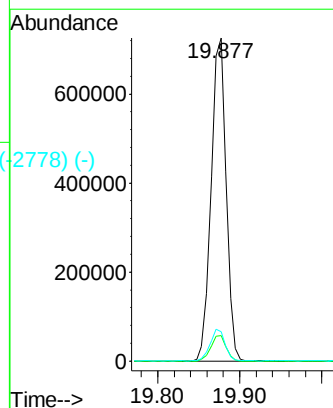
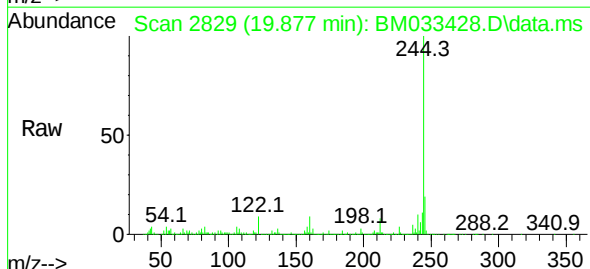
Reviewed By :Christian Giraldo 12/13/2021
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Terphenyl-d14
 Concen: 73.96 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

Tgt Ion:244 Resp: 926018

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	9.0	8.4	12.6



Abundance Scan 3061 (21.342 min): BM033341.D\data.ms (-3061) (-)

Bis(2-ethylhexyl)phthalate

Concen: 6.01 ng

RT: 21.330 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM033428.D

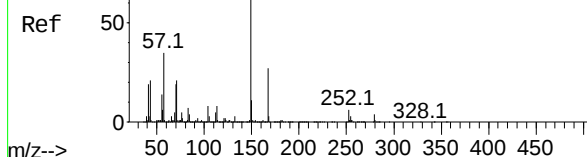
Acq: 12 Dec 2021 00:44

Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-GRAB-1



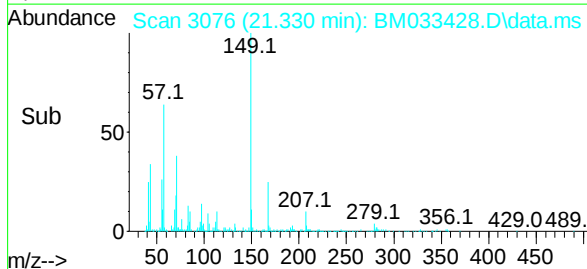
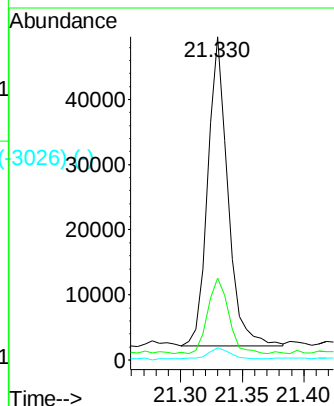
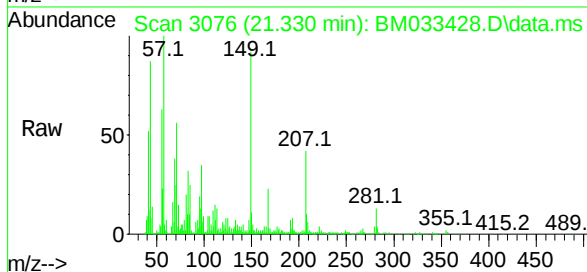
Tgt Ion:	149	Resp:	5392
Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.4	32.0
279	3.8	3.0	4.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2021

Supervised By :Jagrut Upadhyay 12/13/2021



Abundance Scan 3473 (23.765 min): BM033341.D\data.ms (-3473) (-)

Perylene-d12

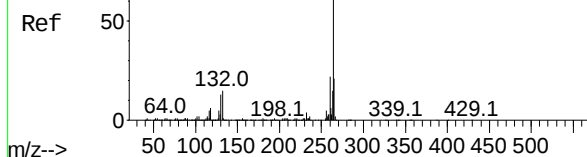
Concen: 20.00 ng

RT: 23.747 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM033428.D

Acq: 12 Dec 2021 00:44



Tgt Ion:	264	Resp:	237480
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	21.2	17.7	26.5

