LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130483.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.157	345	352	369	rBV	1416841	1915489	51.77%	9.867%
2	4.846	459	469	472	rBV	2108555	3699716	100.00%	19.057%
3	5.245	533	537	545	rBV	136731	140093	3.79%	0.722%
4	5.645	601	605	612	rBV	145462	133538	3.61%	0.688%
5	6.275	708	712	732	rBV	1223378	1188112	32.11%	6.120%
6	6.634	770	773	777	rVB	811519	670970	18.14%	3.456%
7	7.204	865	870	873	rBV	1657426	1512572	40.88%	7.791%
8	7.863	975	982	983	rBV	37540	65808	1.78%	0.339%
9	7.916	987	991	995	rVV	945166	874446	23.64%	4.504%
10	8.998	1169	1175	1178	rBV	3089944	2949624	79.73%	15.194%
11	9.669	1283	1289	1302	rBV	1085598	1000875	27.05%	5.156%
12	11.145	1537	1540	1543	rBV	982739	937847	25.35%	4.831%
13	11.169	1543	1544	1548	rVB	106293	74545	2.01%	0.384%
14	12.357	1742	1746	1754	rVB	120260	112957	3.05%	0.582%
15	12.580	1779	1784	1787	rBV	94134	102987	2.78%	0.530%
16	12.733	1806	1810	1813	rBV	2879996	2639094	71.33%	13.594%
17	13.780	1983	1988	1991	rBV	660498	696137	18.82%	3.586%
18	14.786	2155	2159	2167	rVB	31943	64259	1.74%	0.331%
19	15.168	2219	2224	2235	rBV	501759	634634	17.15%	3.269%

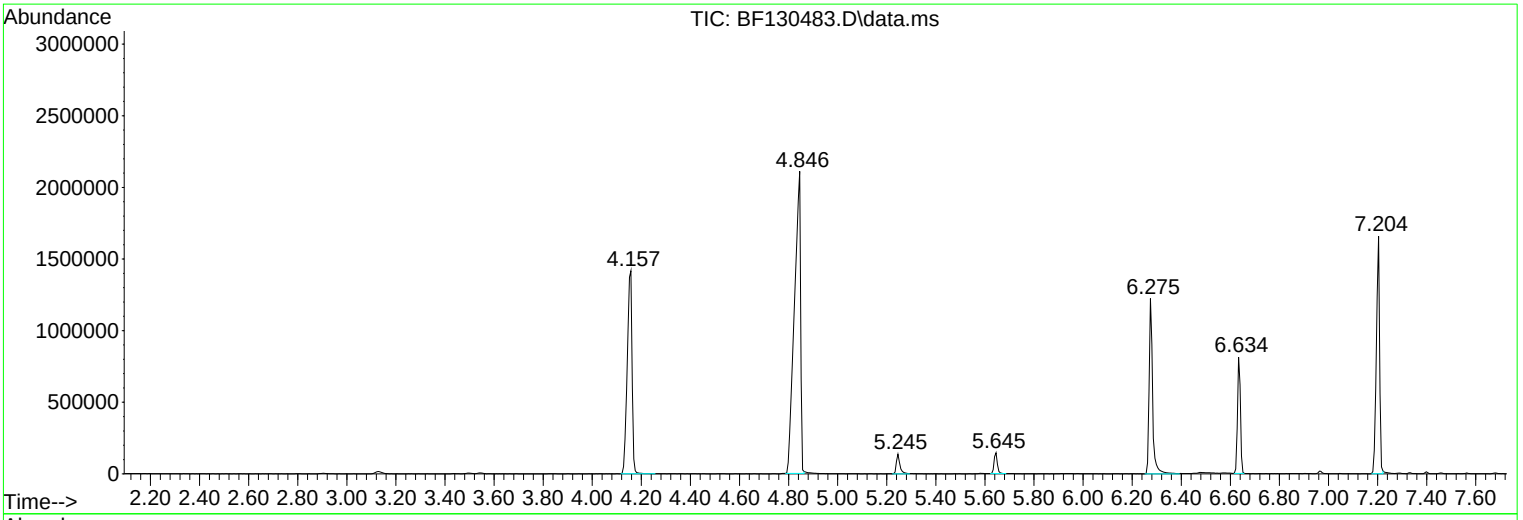
Sum of corrected areas: 19413703

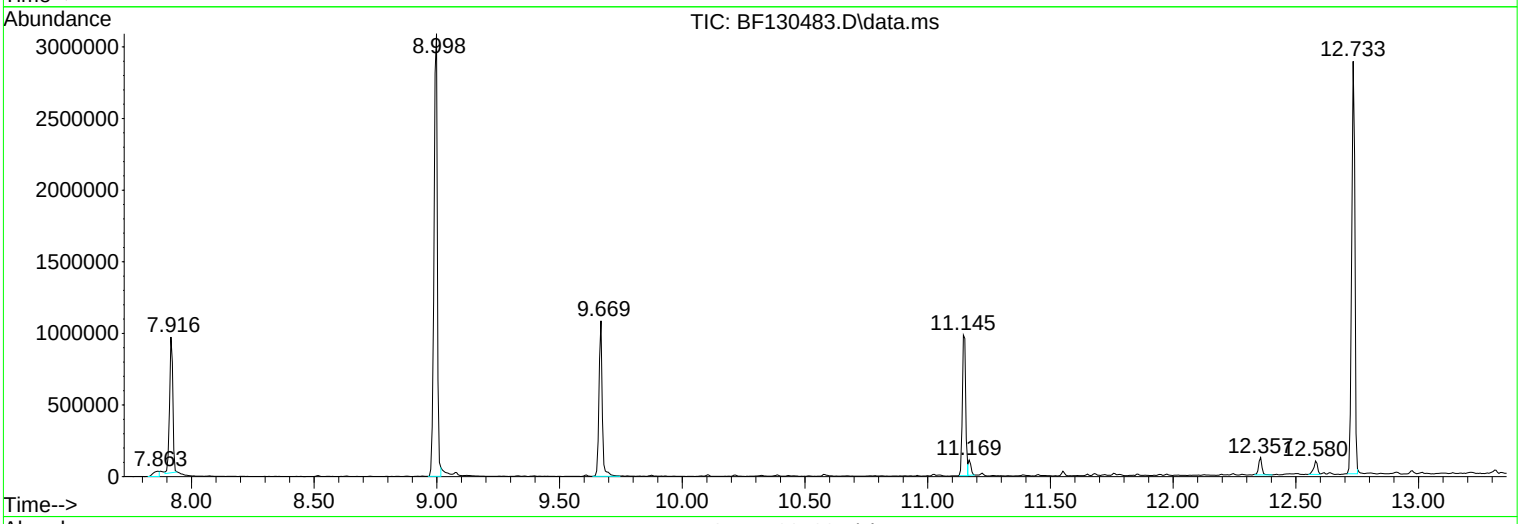
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

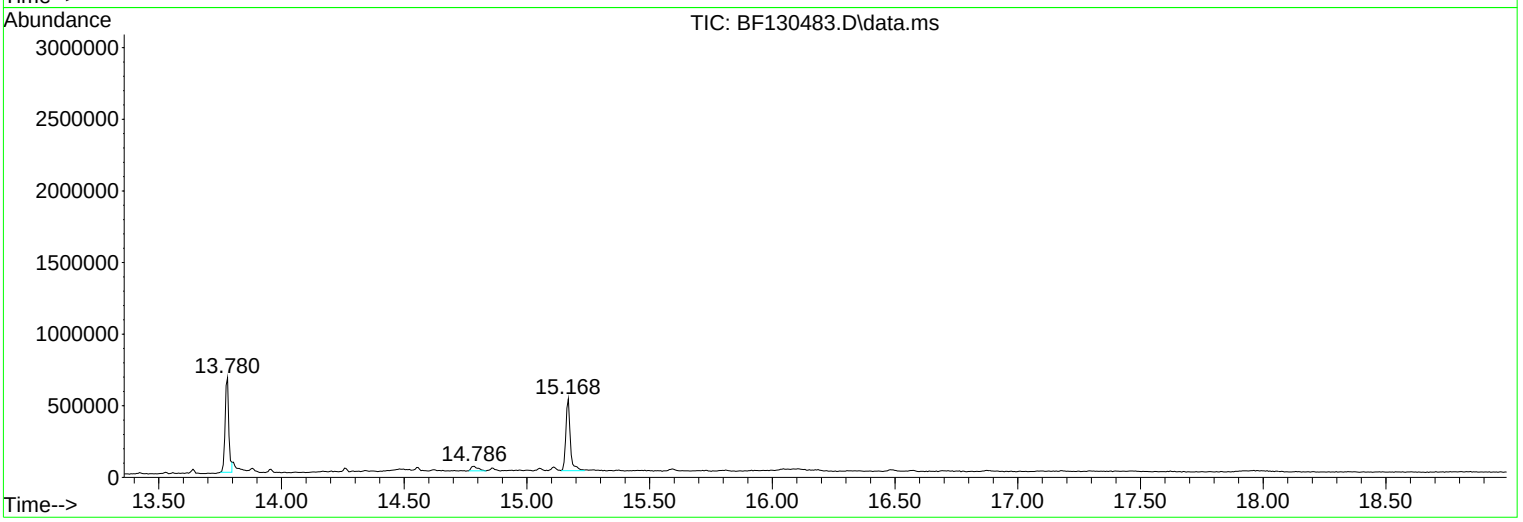
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

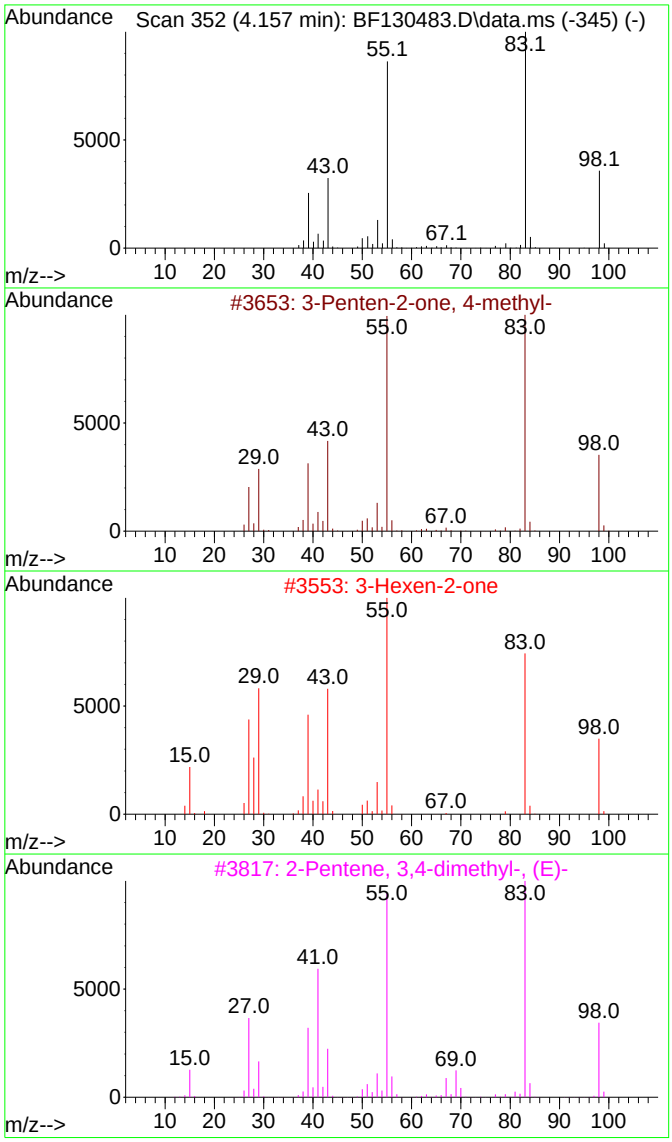
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

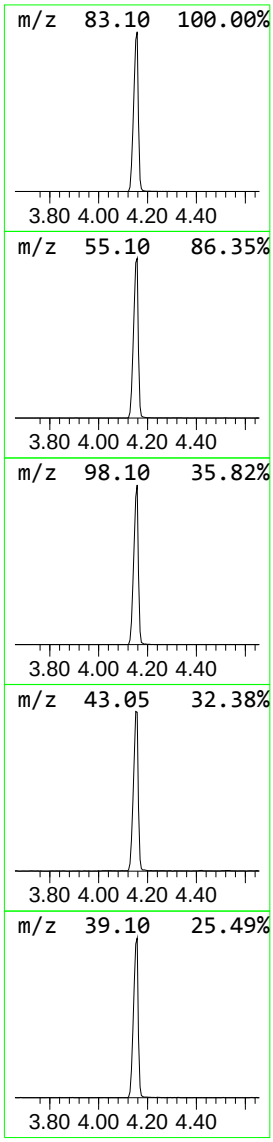
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.157	57.10 ng	1915490	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

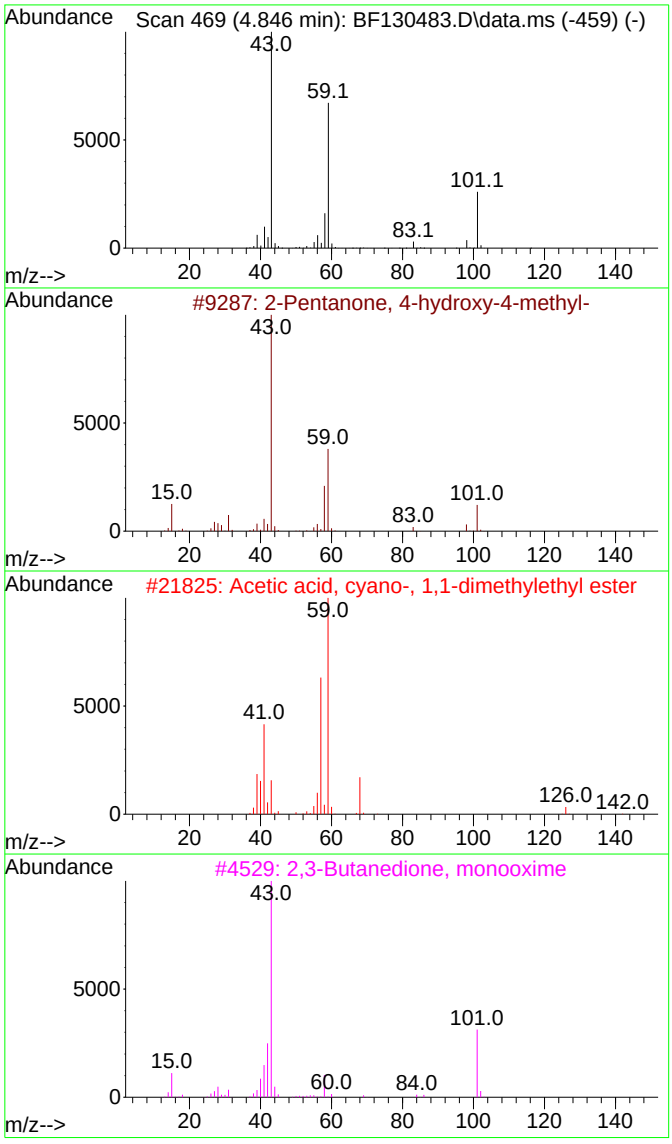
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

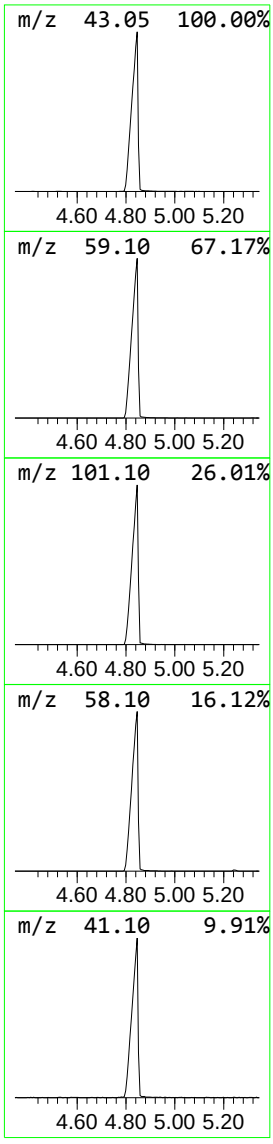
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	110.28 ng	3699720	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

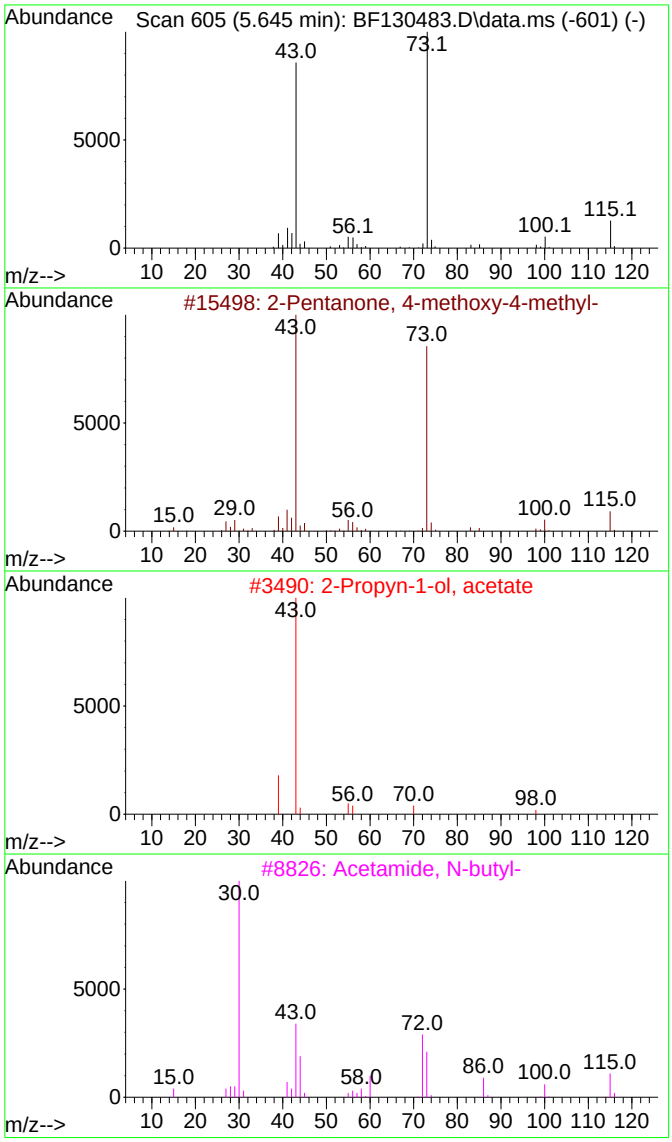
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

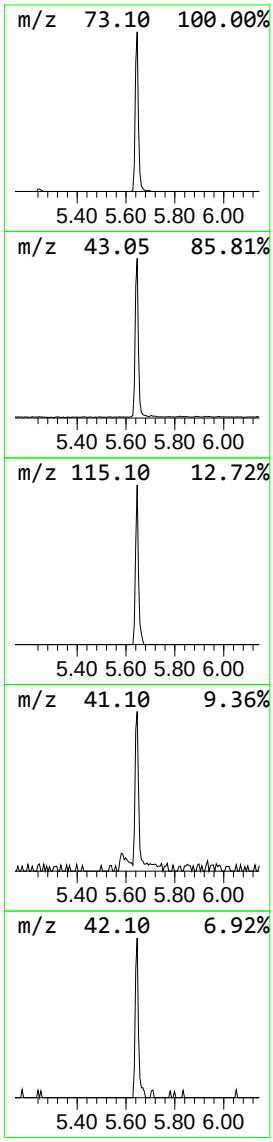
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	3.98 ng	133538	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
3	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

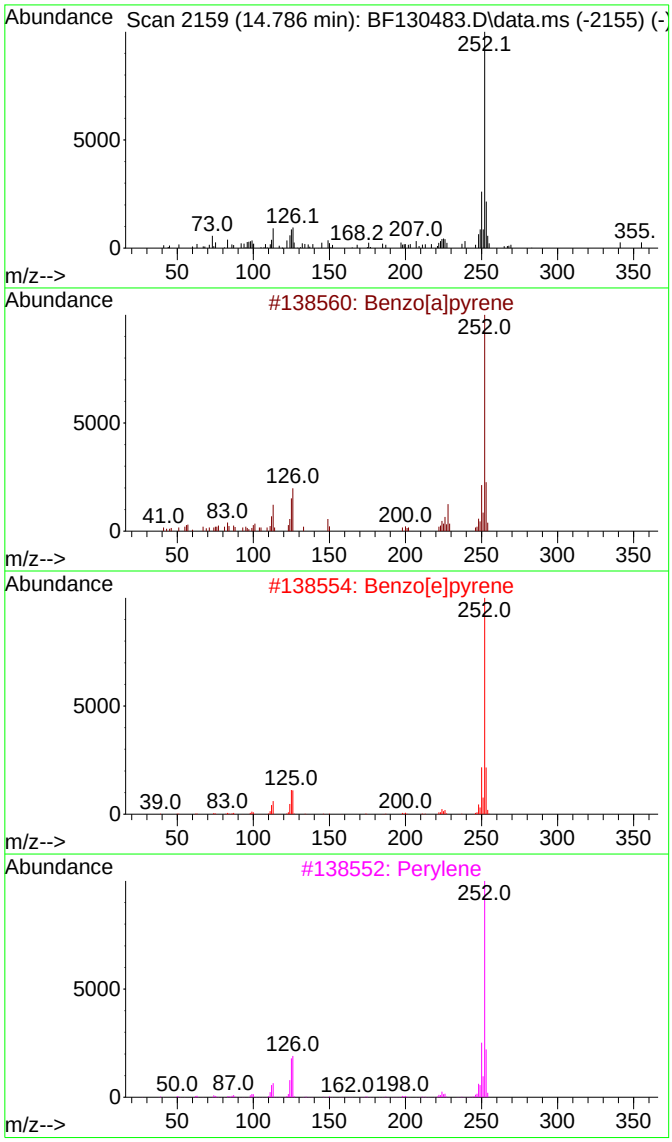
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

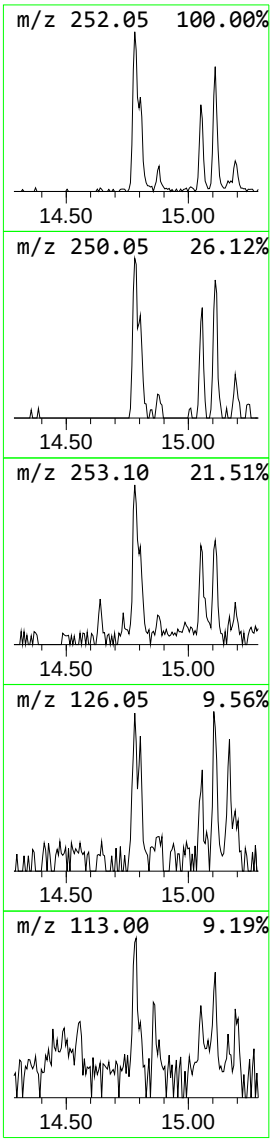
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.03 ng	64259	Perylene-d12	15.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Perylene	252	C20H12	000198-55-0	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130483.D
Acq On : 30 Sep 2022 14:36
Operator : CG\JU
Sample : N4898-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.157	57.1	ng	1915490	1	6.634	670970	20.0
2-Pentanone, 4-...	4.846	110.3	ng	3699720	1	6.634	670970	20.0
2-Pentanone, 4-...	5.645	4.0	ng	133538	1	6.634	670970	20.0
Benzo[e]pyrene	14.786	2.0	ng	64259	6	15.168	634634	20.0