LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	23	28	33	rBV	1065982	1406636	3.25%	1.540%
2	3.728	106	109	126	rBV	268129	415917	0.96%	0.455%
3	3.922	137	142	148	rVB	40758	59040	0.14%	0.065%
4	4.034	157	161	168	rVB	44431	58371	0.13%	0.064%
5	4.564	244	251	276	rBV	23452993	43335099	100.00%	47.443%
6	5.511	406	412	424	rBV	80507	175542	0.41%	0.192%
7	5.887	471	476	481	rBV	35257	54737	0.13%	0.060%
8	6.381	555	560	565	rBV	44426	62476	0.14%	0.068%
9	7.081	673	679	689	rVB	128397	231162	0.53%	0.253%
10	7.263	703	710	719	rBV	741851	1115130	2.57%	1.221%
11	7.446	734	741	751	rBV	605277	1033890	2.39%	1.132%
12	7.534	751	756	764	rVB	46014	71978	0.17%	0.079%
13	7.922	815	822	832	rBV	501222	789650	1.82%	0.865%
14	8.634	937	943	950	rBV2	180695	292905	0.68%	0.321%
15	9.122	1016	1026	1032	rBV	811004	1358677	3.14%	1.487%
16	9.834	1137	1147	1155	rBV	748904	1180439	2.72%	1.292%
17	10.357	1228	1236	1254	rBV	813101	1387653	3.20%	1.519%
18	10.593	1270	1276	1284	rVB	39112	64382	0.15%	0.070%
19	10.746	1295	1302	1308	rBV	720780	1198396	2.77%	1.312%
20	10.910	1321	1330	1341	rBV	156735	285008	0.66%	0.312%
21	11.563	1435	1441	1449	rBV	162227	272152	0.63%	0.298%
22	11.751	1468	1473	1480	rBV2	23013	45360	0.10%	0.050%
23	12.640	1616	1624	1632	rBV3	22327	51522	0.12%	0.056%
24	13.416	1750	1756	1763	rBV2	48800	87122	0.20%	0.095%
25	13.634	1788	1793	1800	rVB	39289	59604	0.14%	0.065%
26	13.998	1847	1855	1859	rBV	2184049	2866959	6.62%	3.139%
27	14.034	1859	1861	1868	rVB2	112841	144765	0.33%	0.158%
28	14.281	1896	1903	1914	rBV	2211619	3115154	7.19%	3.410%
29	14.581	1944	1954	1961	rBV	1174705	1630582	3.76%	1.785%
30	14.822	1989	1995	2008	rBV	91385	203323	0.47%	0.223%
31	15.581	2116	2124	2131	rBV	2990401	4185500	9.66%	4.582%
32	15.651	2131	2136	2141	rVV	520288	730200	1.69%	0.799%
33	15.710	2141	2146	2158	rVB	842154	1125770	2.60%	1.232%
34	17.351	2419	2425	2436	rBV	1351037	1948495	4.50%	2.133%
35	17.451	2436	2442	2462	rVV	2351352	3351259	7.73%	3.669%
36	18.204	2564	2570	2581	rBV	767572	1124491	2.59%	1.231%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

37	18.575	2629	2633	2641	rBV3	32333	79103	0.18%	0.087%
38	18.728	2654	2659	2667	rBV2	209915	291310	0.67%	0.319%
39	19.269	2747	2751	2754	rBV3	40694	51807	0.12%	0.057%
40	19.339	2760	2763	2772	rVB2	51197	86933	0.20%	0.095%
41	19.439	2775	2780	2796	rBV	576993	933670	2.15%	1.022%
42	19.698	2818	2824	2830	rBV	3511364	4456259	10.28%	4.879%
43	21.127	3064	3067	3077	rVB4	99727	196368	0.45%	0.215%
44	21.457	3118	3123	3131	rBV	1677981	2104759	4.86%	2.304%
45	23.757	3510	3514	3515	rBV	176803	228045	0.53%	0.250%
46	23.804	3516	3522	3536	rVB2	2498269	5211579	12.03%	5.706%
47	23.968	3543	3550	3559	rVB	1050814	2182482	5.04%	2.389%

Sum of corrected areas: 91341661

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
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Acq On : 27 Sep 2023 03:47
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Misc :
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Instrument :
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ClientSampleId :
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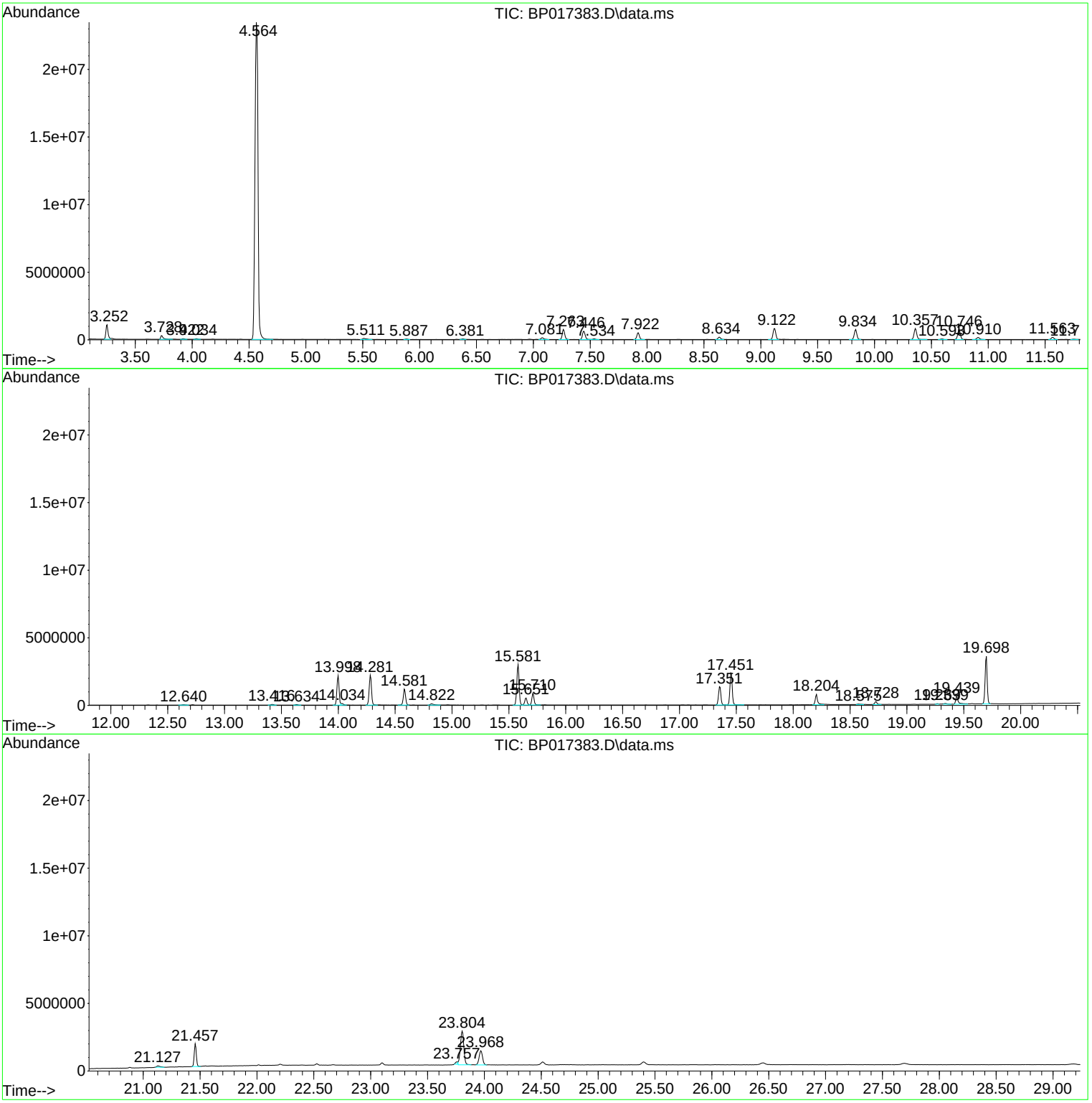
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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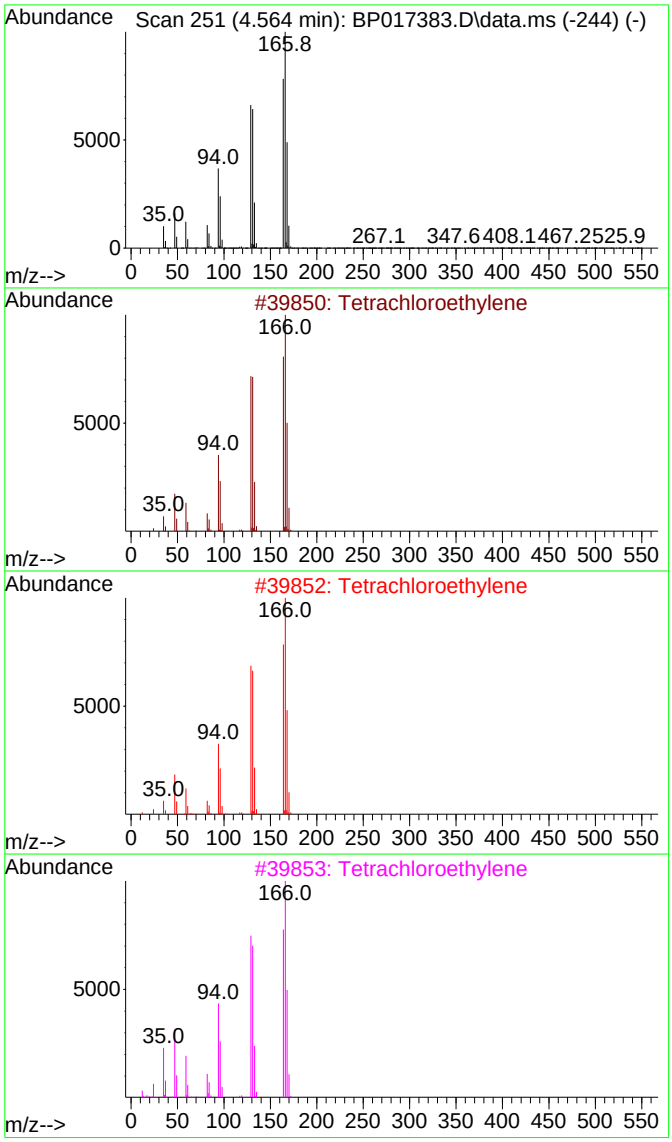
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

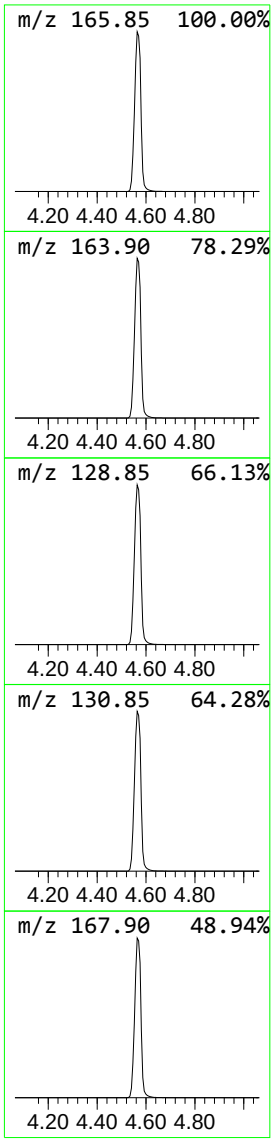
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.564	1097.58 ng/ul	43335100	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

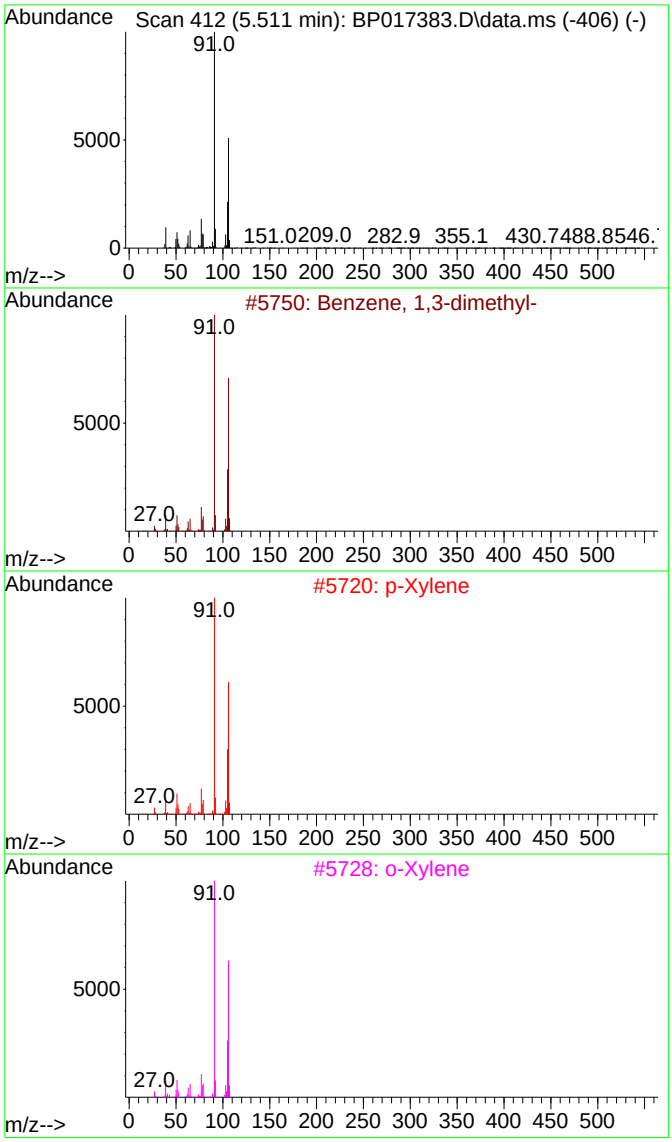
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

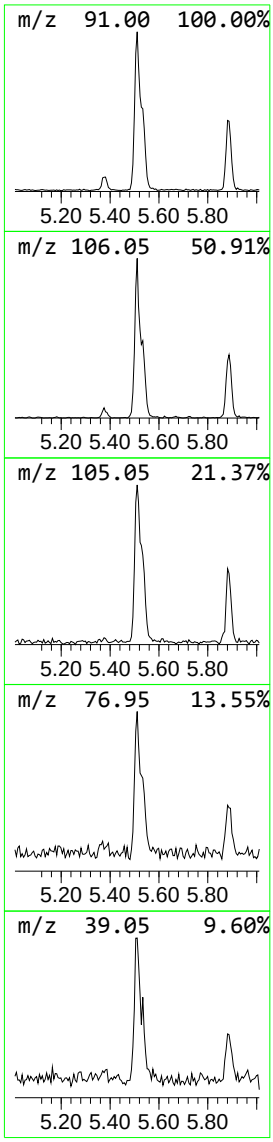
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.511	4.45 ng/ul	175542	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

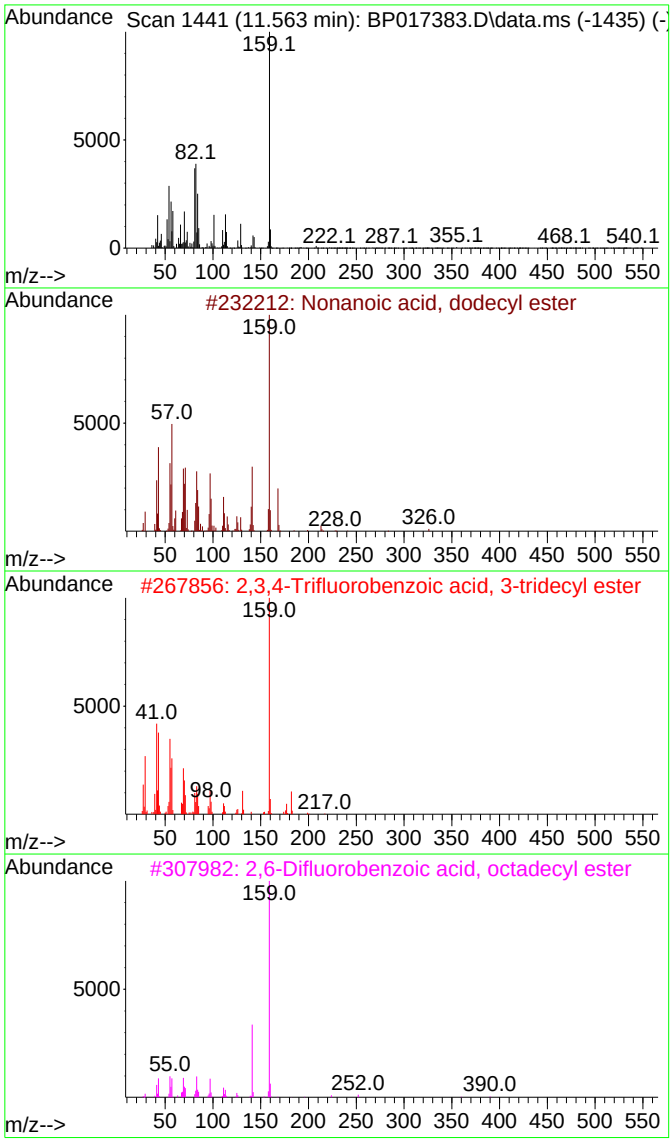
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

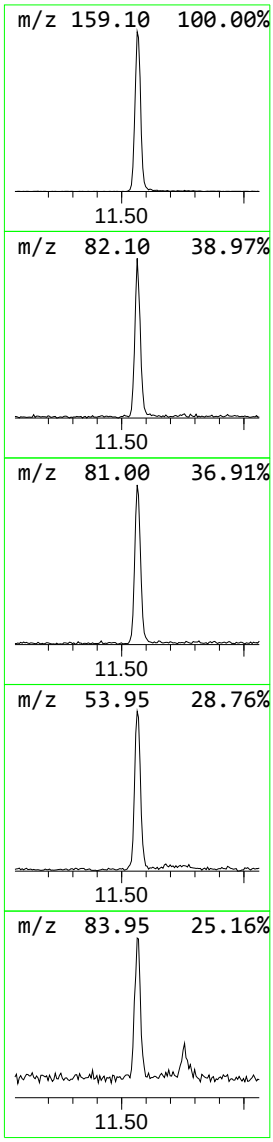
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	4.54 ng/ul	272152	Naphthalene-d8	10.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, dodecyl ester	326	C21H42O2	1000340-27-9	37
2	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	37
3	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	27
4	7-Aminopyrazolo[1,5-a]pyrimidine...	159	C7H5N5	089975-57-5	27
5	Pyrazolo[1,5-a]pyrimidine-7-carb...	159	C7H5N5	1000267-04-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
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Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

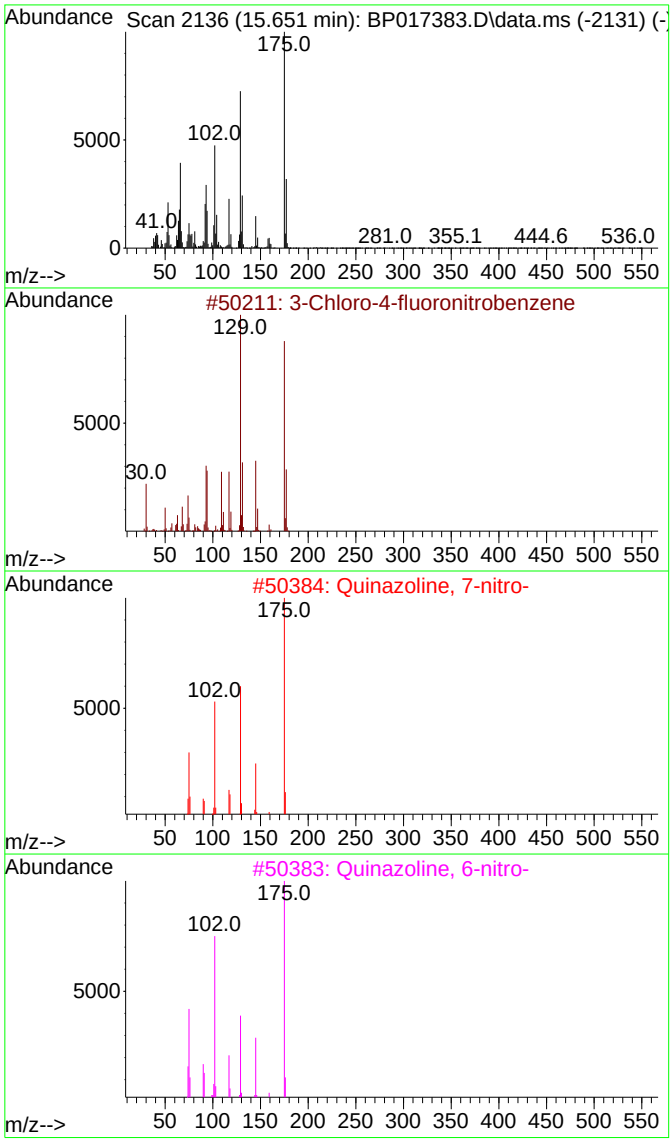
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

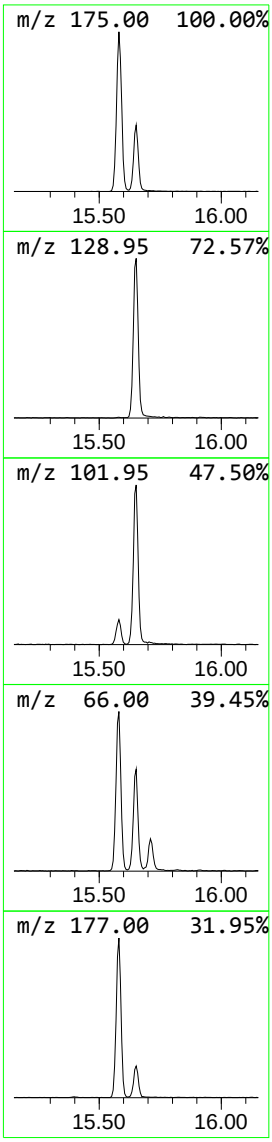
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	8.96 ng/ul	730200	Acenaphthene-d10	14.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38
2	Quinazoline, 7-nitro-	175	C8H5N3O2	007557-00-8	33
3	Quinazoline, 6-nitro-	175	C8H5N3O2	007556-95-8	32
4	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	30
5	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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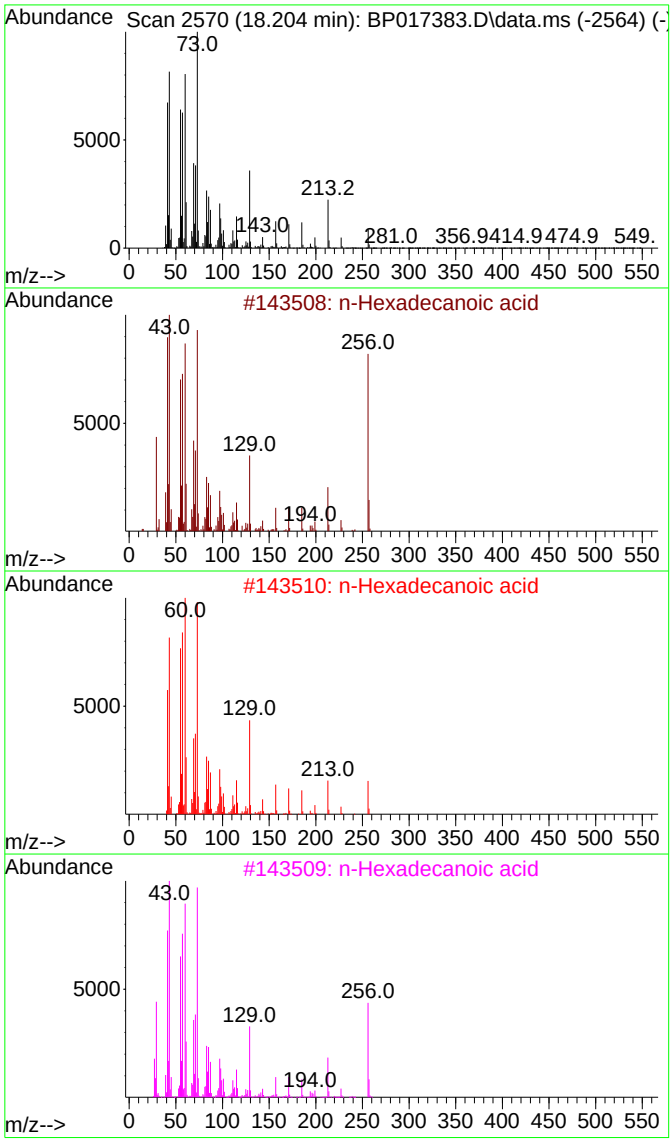
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

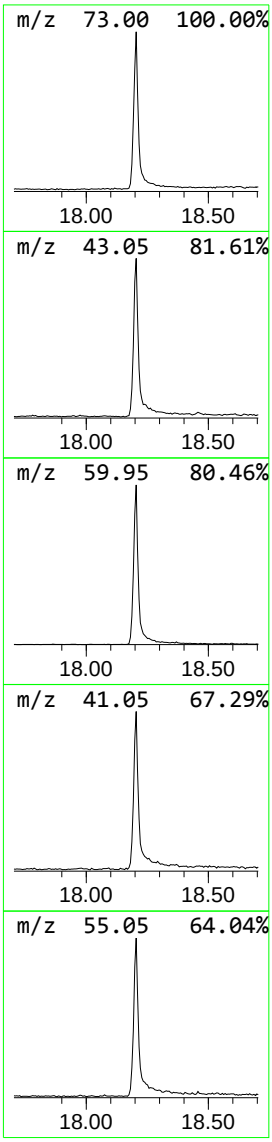
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	11.54 ng/ul	1124490	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

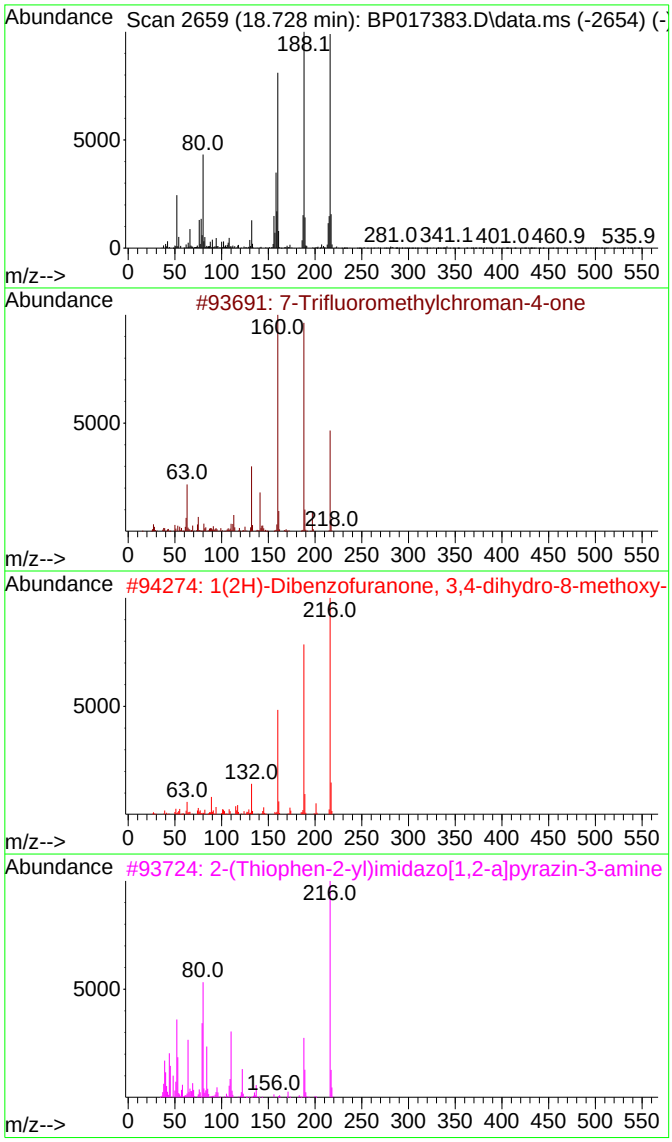
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

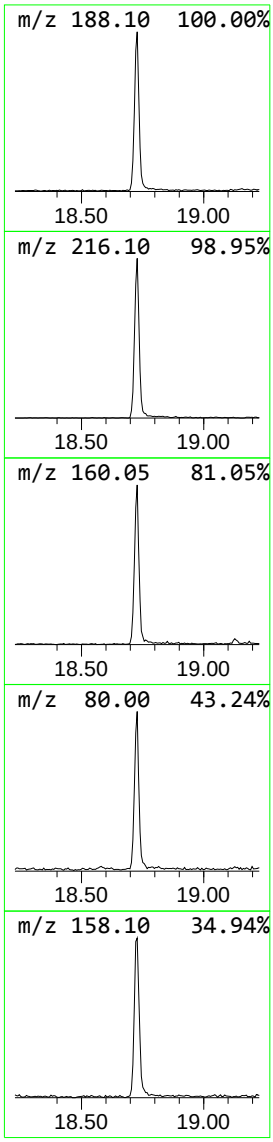
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7-Trifluoromethylchroman-4-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.99 ng/ul	291310	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Trifluoromethylchroman-4-one	216	C10H7F3O2	111141-02-7	53
2	1(2H)-Dibenzofuranone, 3,4-dihyd...	216	C13H12O3	095338-40-2	45
3	2-(Thiophen-2-yl)imidazo[1,2-a]p...	216	C10H8N4S	1000388-92-8	43
4	1,2-Dihydro-3-isopropyl-2-oxoqui...	188	C11H12N2O	015054-64-5	30
5	Phenanthrene-D10	188	C14D10	001517-22-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

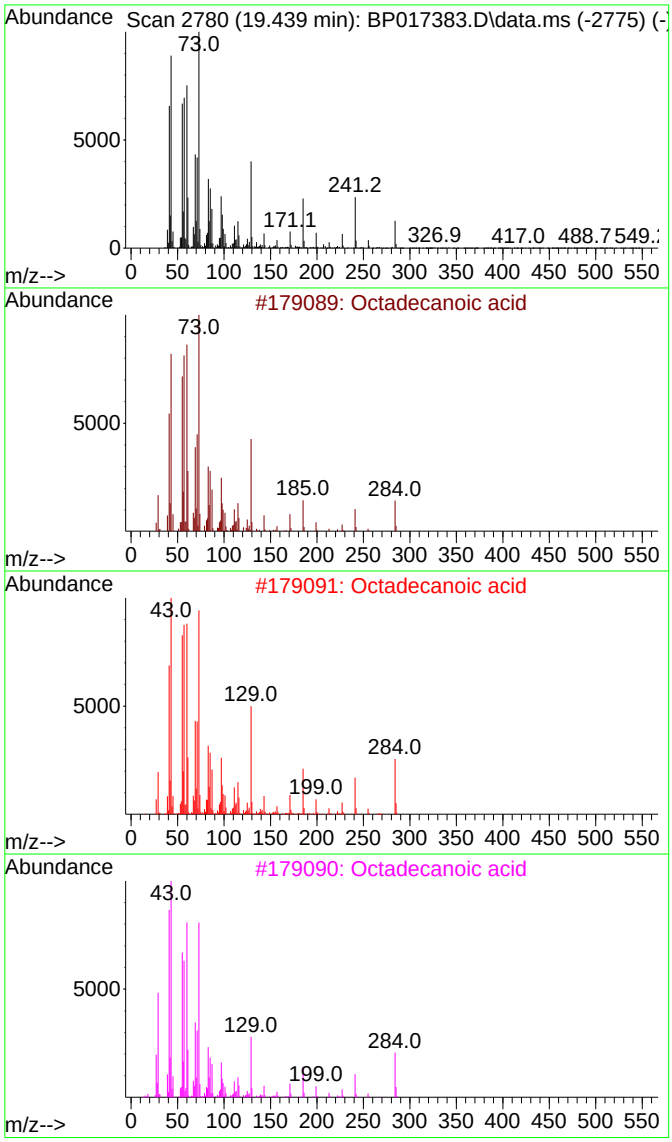
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

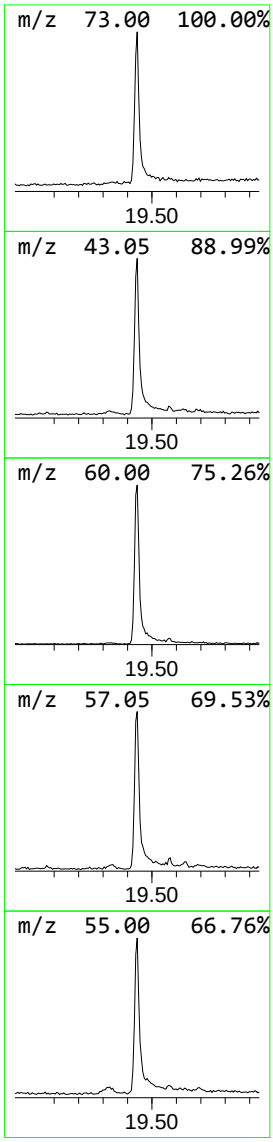
****

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	8.87 ng/ul	933670	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017383.D
Acq On : 27 Sep 2023 03:47
Operator : MA/JU
Sample : 04450-21
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA 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
Tetrachloroethy...	4.564	1097.6	ng/ul	43335100	1	7.922	789650	20.0
Benzene, 1,3-di...	5.511	4.5	ng/ul	175542	1	7.922	789650	20.0
unknown-01	11.563	4.5	ng/ul	272152	2	10.746	1198400	20.0
unknown-02	15.651	9.0	ng/ul	730200	3	14.581	1630580	20.0
n-Hexadecanoic ...	18.204	11.5	ng/ul	1124490	4	17.351	1948500	20.0
7-Trifluorometh...	18.728	3.0	ng/ul	291310	4	17.351	1948500	20.0
Octadecanoic acid	19.439	8.9	ng/ul	933670	5	21.457	2104760	20.0