LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SL-01

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_P\METHODS\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.923	3	6	19	rVB	722632	971824	67.06%	7.356%
2	3.075	27	32	42	rVB	52707	116775	8.06%	0.884%
3	3.170	43	48	54	rVV	36840	52544	3.63%	0.398%
4	5.269	398	405	415	rBV	149538	218243	15.06%	1.652%
5	5.805	490	496	505	rBV	225625	355426	24.53%	2.690%
6	7.458	772	777	788	rVB	215392	375740	25.93%	2.844%
7	8.269	908	915	922	rVB	467647	736328	50.81%	5.573%
8	8.863	1010	1016	1021	rVB4	17546	31664	2.18%	0.240%
9	9.187	1064	1071	1080	rVB10	8797	20679	1.43%	0.157%
10	9.434	1097	1113	1119	rBV	131815	260034	17.94%	1.968%
11	10.187	1232	1241	1246	rBV5	9594	24110	1.66%	0.182%
12	10.293	1253	1259	1268	rBV8	8848	20340	1.40%	0.154%
13	10.787	1337	1343	1350	rBV	17892	36007	2.48%	0.273%
14	11.099	1387	1396	1407	rBV	603697	1010099	69.70%	7.645%
15	11.281	1422	1427	1437	rVB3	17760	34870	2.41%	0.264%
16	13.510	1798	1806	1821	rBV	281559	447839	30.90%	3.390%
17	14.316	1936	1943	1948	rBV	14370	29202	2.01%	0.221%
18	14.893	2034	2041	2049	rBV	856580	1294320	89.31%	9.797%
19	15.881	2205	2209	2214	rVB	32421	40774	2.81%	0.309%
20	16.375	2288	2293	2301	rBV	200384	310496	21.42%	2.350%
21	16.563	2322	2325	2328	rBV	17926	20932	1.44%	0.158%
22	16.610	2329	2333	2342	rVB	56301	90379	6.24%	0.684%
23	16.704	2344	2349	2353	rBV	129778	190344	13.13%	1.441%
24	16.757	2353	2358	2365	rVV2	106137	245385	16.93%	1.857%
25	16.822	2365	2369	2373	rVV	135292	194588	13.43%	1.473%
26	16.869	2373	2377	2381	rVV	80654	116429	8.03%	0.881%
27	16.916	2381	2385	2387	rVV2	30773	46369	3.20%	0.351%
28	16.939	2387	2389	2392	rVV	46137	63638	4.39%	0.482%
29	16.969	2392	2394	2397	rVV	39603	45392	3.13%	0.344%
30	17.022	2397	2403	2409	rVV4	105621	210301	14.51%	1.592%
31	17.087	2409	2414	2417	rVV	138248	192683	13.30%	1.458%
32	17.122	2418	2420	2423	rVV2	45401	62859	4.34%	0.476%
33	17.163	2424	2427	2433	rVB	72698	97001	6.69%	0.734%
34	17.410	2466	2469	2473	rVB	21186	26100	1.80%	0.198%
35	17.628	2500	2506	2510	rBV	1020731	1449231	100.00%	10.969%
36	17.669	2510	2513	2518	rVB	77895	107768	7.44%	0.816%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SL-01

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_P\METHODS\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.075	2580	2582	2586	rBV3	18480	26546	1.83%	0.201%
38	19.604	2838	2842	2846	rBV	183397	235802	16.27%	1.785%
39	19.951	2898	2901	2906	rVB	165506	212597	14.67%	1.609%
40	20.122	2926	2930	2935	rVB	459563	538919	37.19%	4.079%
41	21.663	3188	3192	3196	rVB	1004987	1367254	94.34%	10.349%
42	24.139	3608	3613	3619	rVB	684196	1283982	88.60%	9.718%

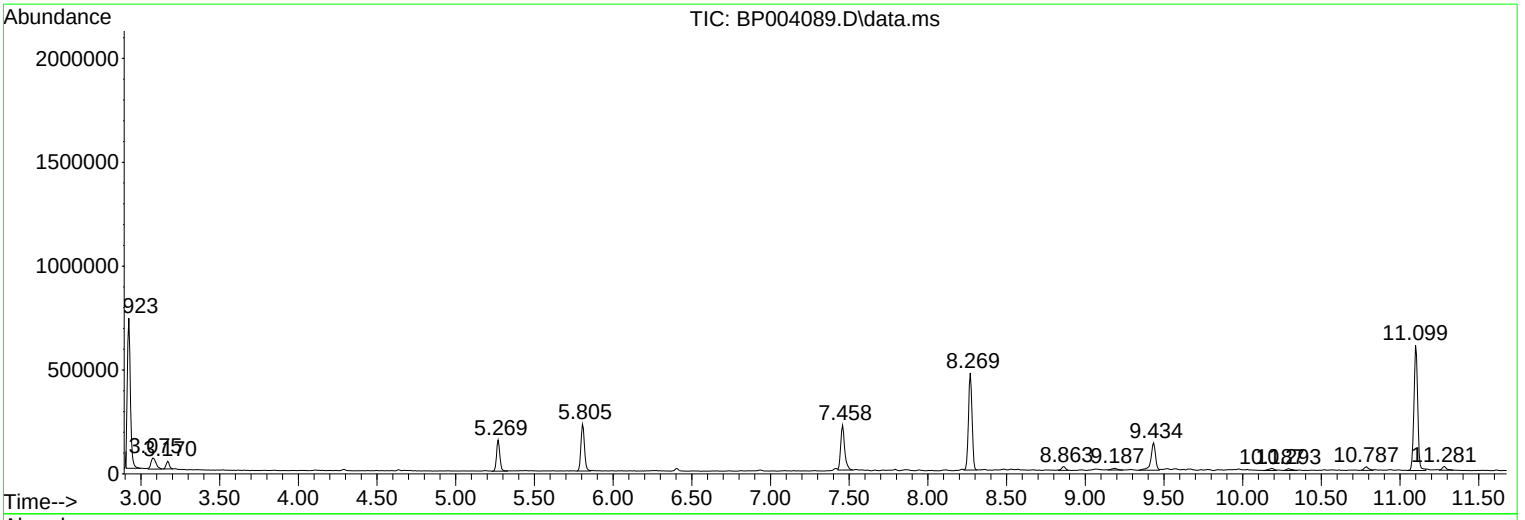
Sum of corrected areas: 13211813

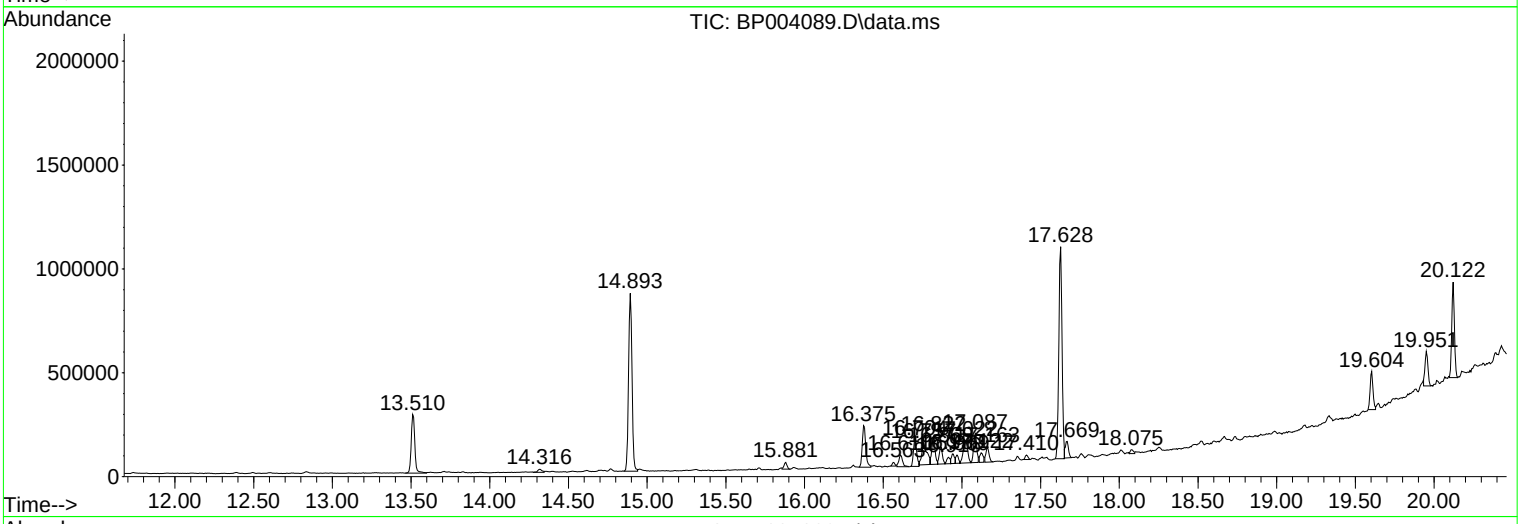
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

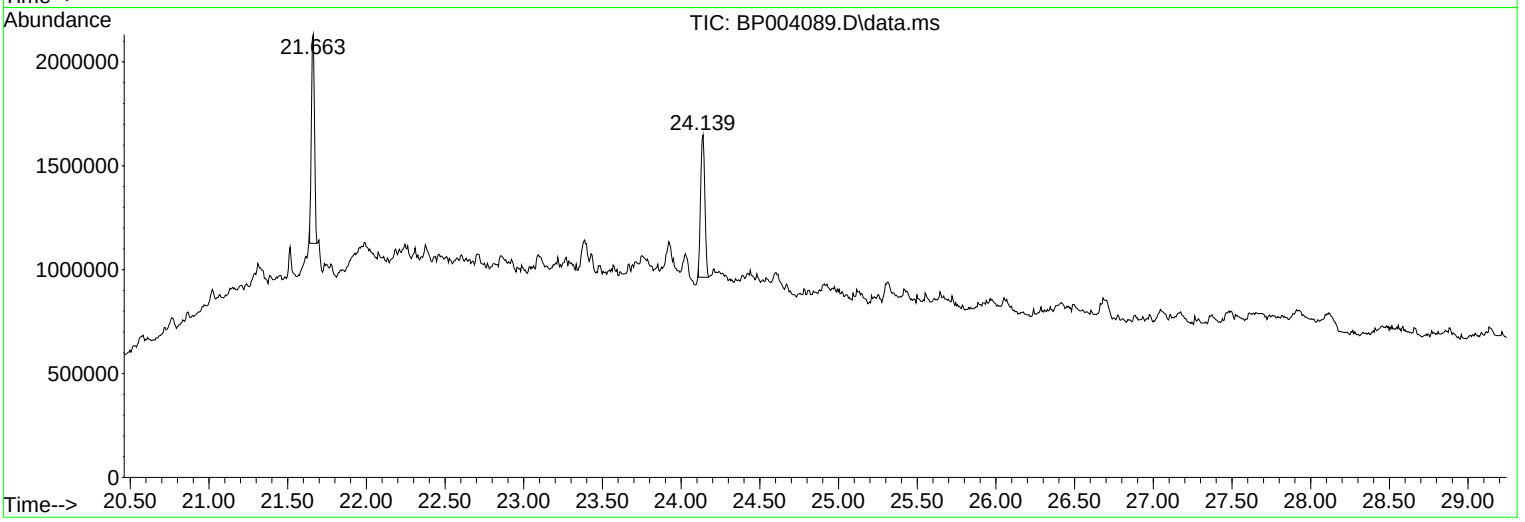
Instrument :
BNA_P
ClientSampleId :
SL-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

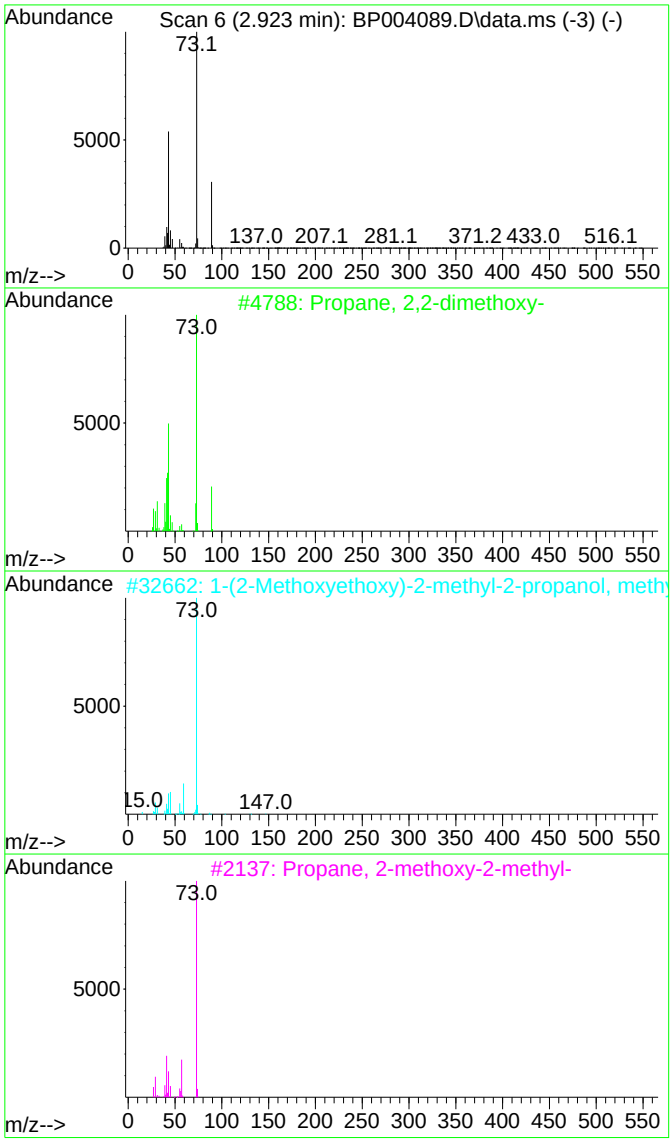
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

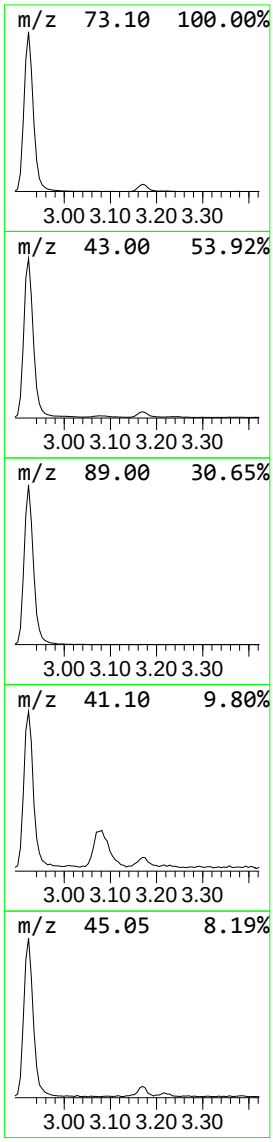
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.923	26.40 ng	971824	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

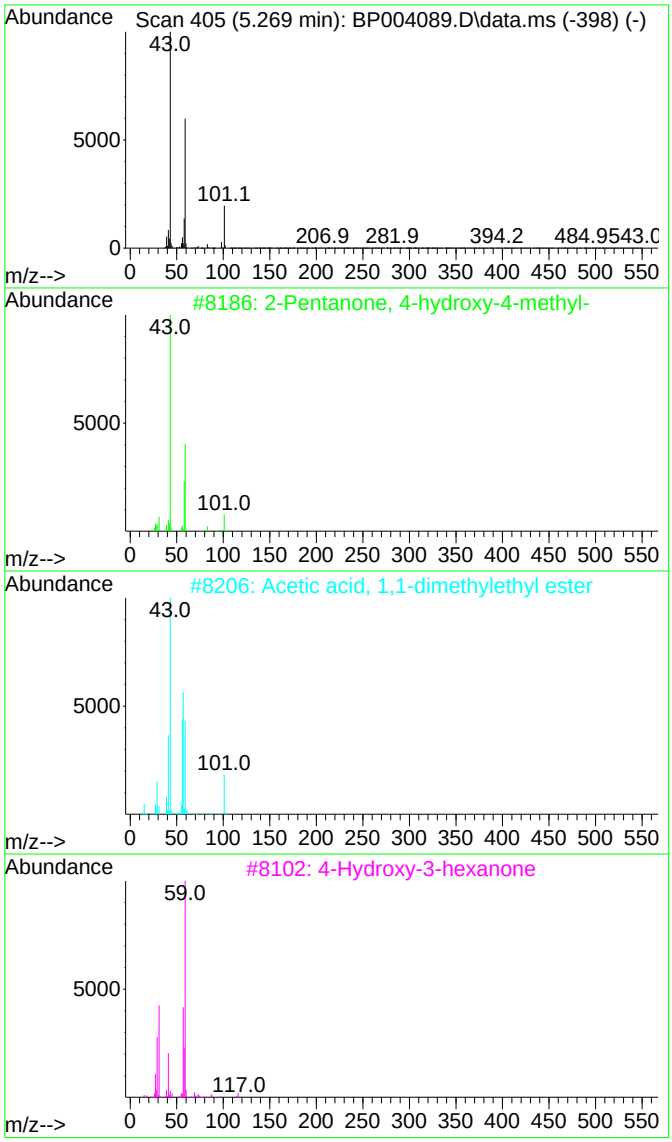
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

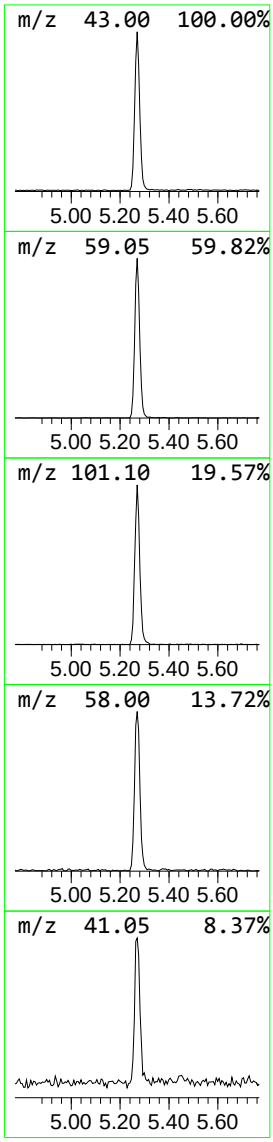
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.269	5.93 ng	218243	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

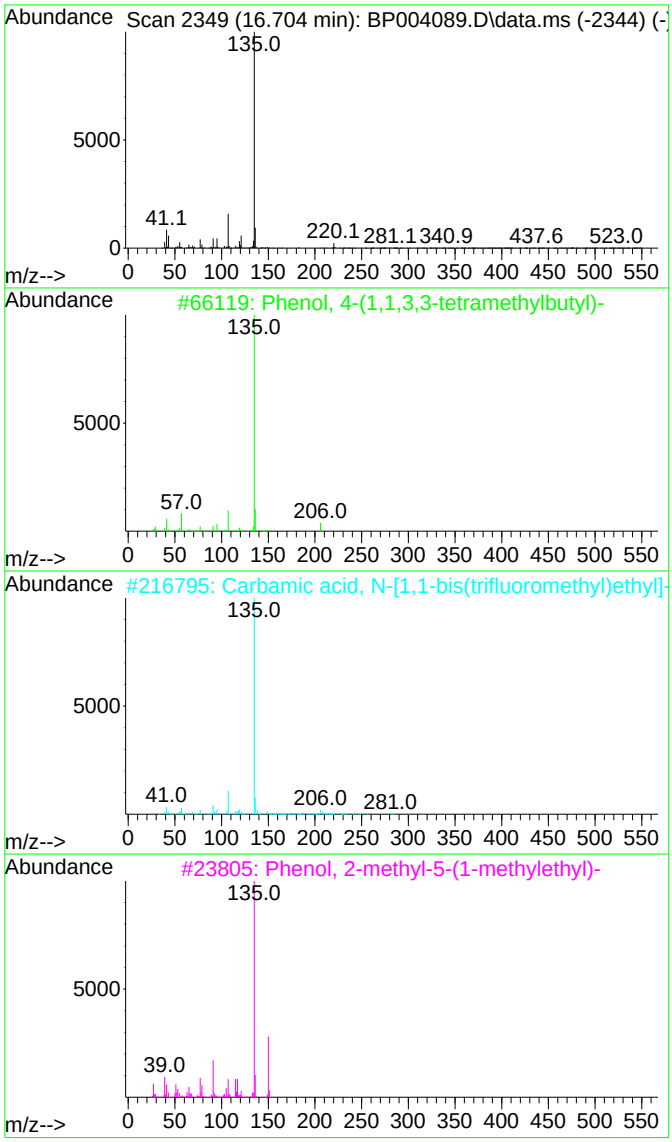
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

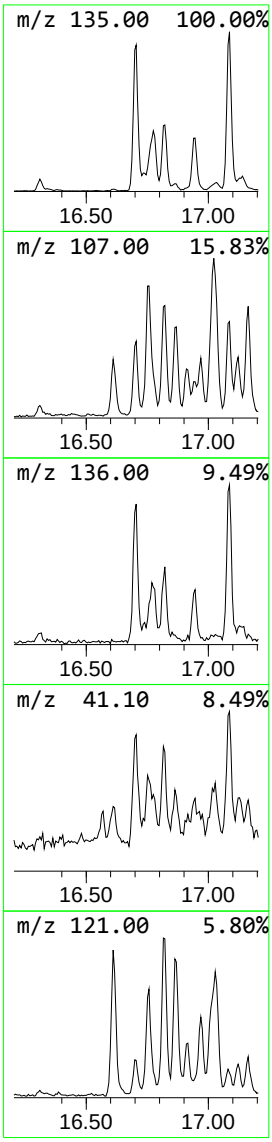
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.704	2.63 ng	190344	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	Hexestrol	270	C18H22O2	000084-16-2	64
5	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

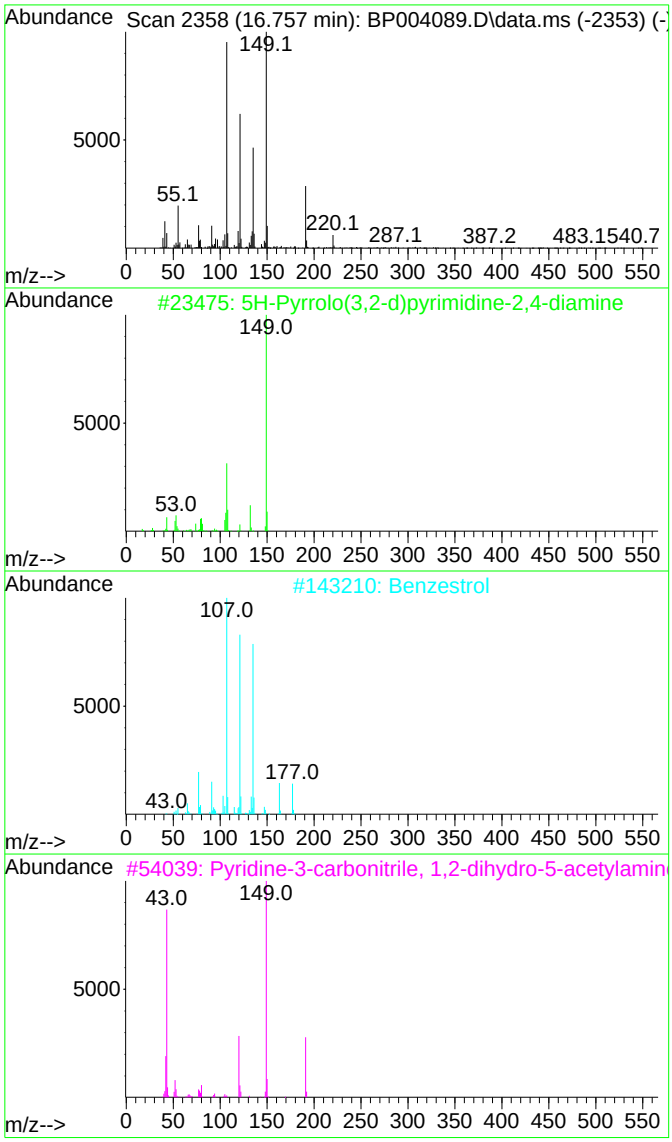
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

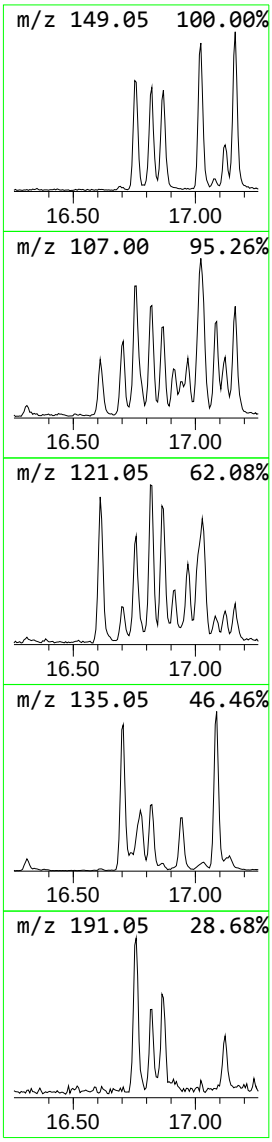
****

Peak Number 5 unknown16.757 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	3.39 ng	245385	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
2	Benzestrol	298	C20H26O2	000085-95-0	38
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	Phthalic acid, 4-chloro-2-methyl...	332	C18H17ClO4	1000356-65-9	35
5	Phthalic acid, 2-methylphenyl pr...	298	C18H18O4	1000314-95-1	35





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

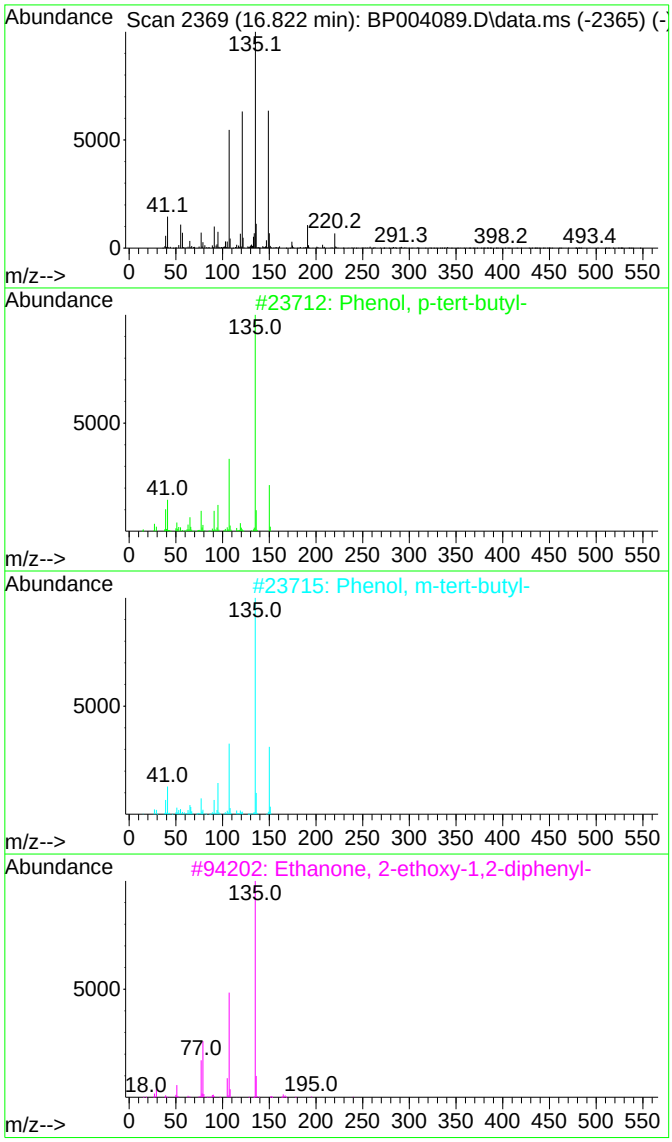
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

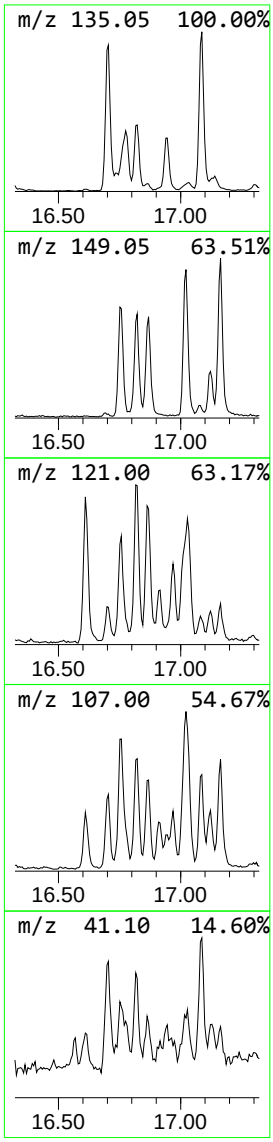
****

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	2.69 ng	194588	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
3	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	47
4	Benzene-1,2-dicarboxylic acid, m...	283	C16H13NO4	194784-73-1	43
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

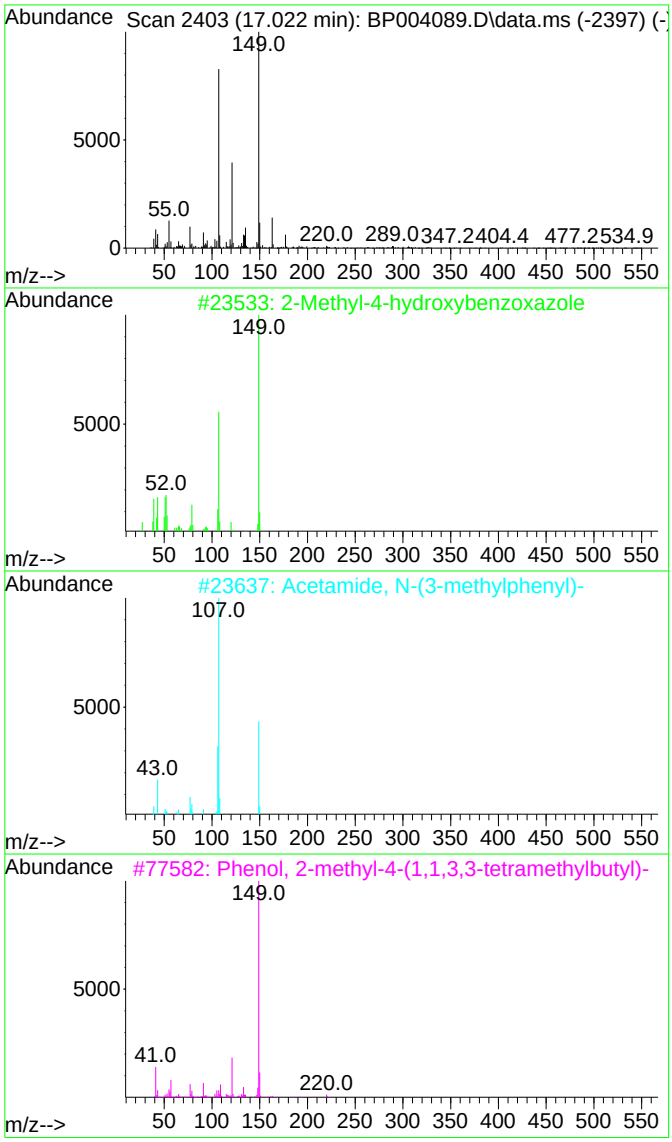
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

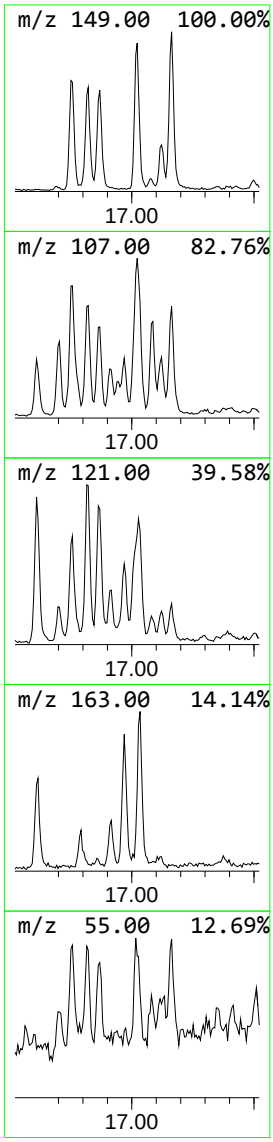
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Methyl-4-hydroxybenzoxazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	2.90 ng	210301	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
5	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
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Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

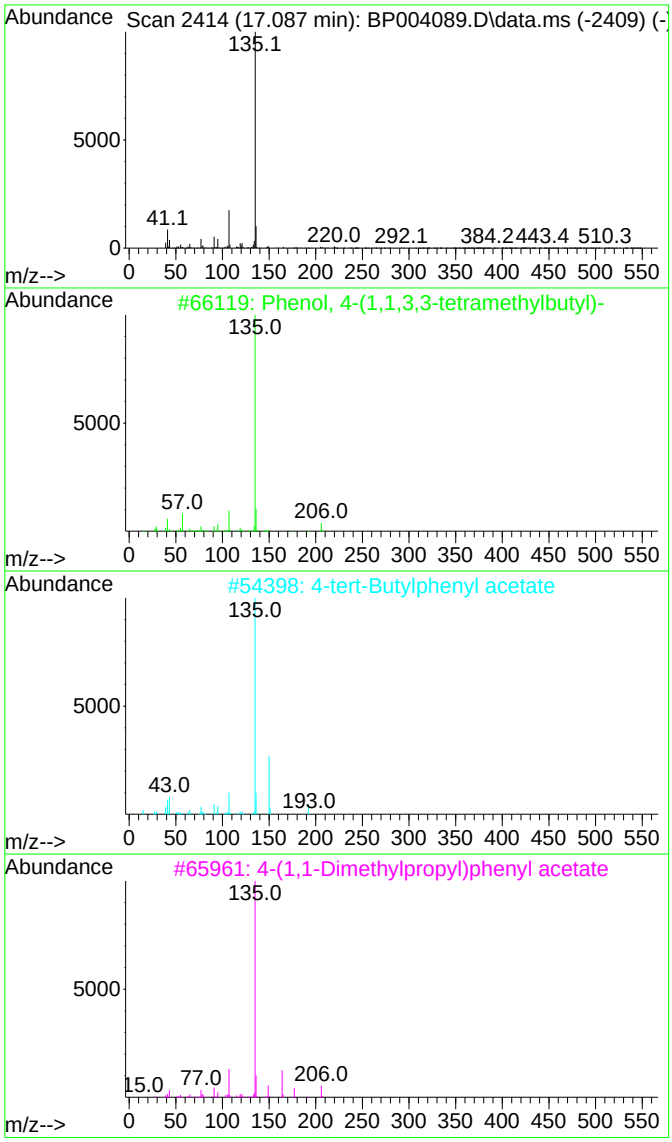
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

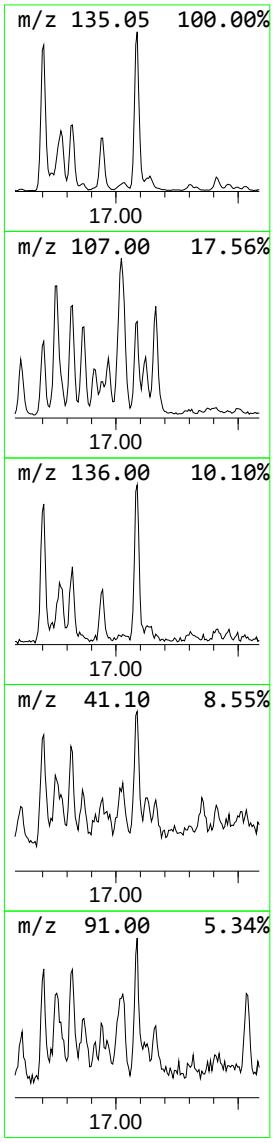
****

Peak Number 8 4-tert-Butylphenyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	2.66 ng	192683	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	3-(p-Anisoyl)benzothiazoline-2-t...	301	C15H11NO2S2	349567-86-8	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004089.D
Acq On : 24 Nov 2020 22:42
Operator : CG/JU
Sample : L4836-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SL-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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
Propane, 2,2-di...	2.923	26.4	ng	971824	1	8.269	736328	20.0
2-Pentanone, 4-...	5.269	5.9	ng	218243	1	8.269	736328	20.0
Phenol, 4-(1,1,...	16.704	2.6	ng	190344	4	17.628	1449230	20.0
unknown16.757	16.757	3.4	ng	245385	4	17.628	1449230	20.0
Phenol, p-tert-...	16.822	2.7	ng	194588	4	17.628	1449230	20.0
2-Methyl-4-hydr...	17.022	2.9	ng	210301	4	17.628	1449230	20.0
4-tert-Butylphe...	17.087	2.7	ng	192683	4	17.628	1449230	20.0