LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	318	324	330	rVB	24516	37159	1.51%	0.147%
2	5.358	397	403	418	rBV	1261772	1872903	75.94%	7.396%
3	6.952	658	674	691	rBV	999674	1760781	71.39%	6.953%
4	7.657	789	794	800	rVB3	18565	29115	1.18%	0.115%
5	7.757	803	811	819	rBV	327914	519224	21.05%	2.050%
6	8.922	1000	1009	1023	rBV	657738	1148667	46.57%	4.536%
7	10.551	1279	1286	1301	rBV	348725	623352	25.27%	2.462%
8	13.028	1699	1707	1718	rBV	1392063	2050975	83.16%	8.099%
9	13.281	1746	1750	1755	rVB4	20762	31722	1.29%	0.125%
10	14.075	1879	1885	1891	rBV5	12598	28491	1.16%	0.113%
11	14.134	1891	1895	1901	rVB	25547	43802	1.78%	0.173%
12	14.410	1934	1942	1949	rBV	448078	662273	26.85%	2.615%
13	14.475	1949	1953	1960	rVB3	25224	42868	1.74%	0.169%
14	15.222	2074	2080	2086	rBV3	10747	26506	1.07%	0.105%
15	15.469	2118	2122	2135	rVB3	18259	41996	1.70%	0.166%
16	15.910	2189	2197	2207	rBV	897844	1400530	56.79%	5.530%
17	16.145	2232	2237	2246	rVB10	11351	27914	1.13%	0.110%
18	16.992	2377	2381	2386	rVB2	16428	25498	1.03%	0.101%
19	17.098	2393	2399	2405	rBV5	24330	45890	1.86%	0.181%
20	17.175	2405	2412	2416	rBV	524297	748067	30.33%	2.954%
21	17.216	2416	2419	2425	rVB	261119	352256	14.28%	1.391%
22	17.310	2431	2435	2441	rVB	64990	93777	3.80%	0.370%
23	17.592	2478	2483	2489	rVB2	28129	47207	1.91%	0.186%
24	18.051	2557	2561	2562	rBV	30876	33320	1.35%	0.132%
25	18.080	2562	2566	2575	rVB2	137930	244119	9.90%	0.964%
26	18.175	2579	2582	2587	rVB2	22795	31594	1.28%	0.125%
27	18.239	2588	2593	2597	rBV2	64557	110377	4.48%	0.436%
28	18.357	2609	2613	2617	rBV6	33870	55717	2.26%	0.220%
29	18.533	2640	2643	2647	rVB	33952	39953	1.62%	0.158%
30	18.586	2648	2652	2658	rVB	50315	76181	3.09%	0.301%
31	18.945	2708	2713	2716	rBV2	35863	57275	2.32%	0.226%
32	19.086	2733	2737	2742	rVB2	37004	53394	2.16%	0.211%
33	19.198	2750	2756	2763	rBV	806619	1060025	42.98%	4.186%
34	19.316	2773	2776	2780	rBV	69134	81177	3.29%	0.321%
35	19.521	2807	2811	2812	rBV	123682	141923	5.75%	0.560%
36	19.551	2812	2816	2824	rVV	665259	887302	35.98%	3.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.627	2825	2829	2836	rVB2	38425	63086	2.56%	0.249%
38	19.751	2844	2850	2855	rBV	2031865	2466352	100.00%	9.739%
39	19.869	2866	2870	2877	rBV3	50123	108226	4.39%	0.427%
40	20.004	2889	2893	2894	rBV3	47728	58765	2.38%	0.232%
41	20.033	2895	2898	2905	rVB	122513	200054	8.11%	0.790%
42	20.133	2912	2915	2919	rBV	81032	88948	3.61%	0.351%
43	20.192	2922	2925	2928	rVB2	62063	73865	2.99%	0.292%
44	20.333	2945	2949	2952	rBV	52550	76932	3.12%	0.304%
45	20.374	2953	2956	2960	rVB2	69249	89886	3.64%	0.355%
46	20.774	3021	3024	3030	rBV	84899	110451	4.48%	0.436%
47	20.933	3048	3051	3054	rBV2	91024	104230	4.23%	0.412%
48	20.968	3055	3057	3059	rVV	68188	76812	3.11%	0.303%
49	20.998	3059	3062	3069	rVV4	246360	425922	17.27%	1.682%
50	21.068	3071	3074	3079	rVB	88926	116771	4.73%	0.461%
51	21.192	3092	3095	3099	rVB	206989	230530	9.35%	0.910%
52	21.280	3104	3110	3114	rVV2	959559	1749962	70.95%	6.910%
53	21.316	3114	3116	3126	rVB	461204	616792	25.01%	2.436%
54	21.439	3134	3137	3140	rBV2	74948	103808	4.21%	0.410%
55	21.915	3215	3218	3225	rVB3	193314	328195	13.31%	1.296%
56	22.939	3387	3392	3397	rBV2	502290	1072209	43.47%	4.234%
57	22.986	3397	3400	3410	rVB3	318013	625320	25.35%	2.469%
58	23.451	3475	3479	3488	rVB	235727	438106	17.76%	1.730%
59	23.557	3492	3497	3504	rVB	317691	586274	23.77%	2.315%
60	23.662	3509	3515	3521	rBV2	517612	979138	39.70%	3.866%

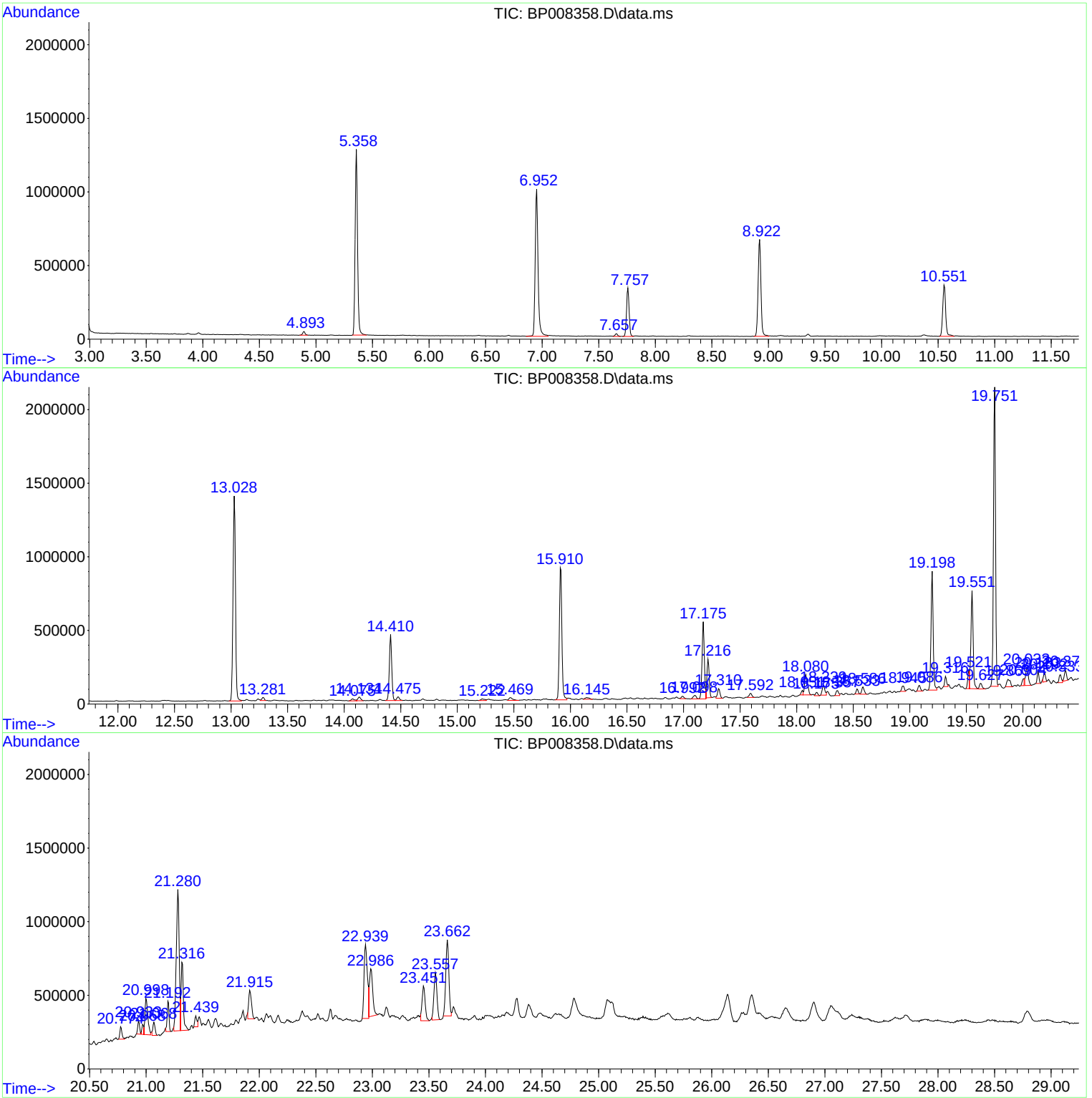
Sum of corrected areas: 25323964

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

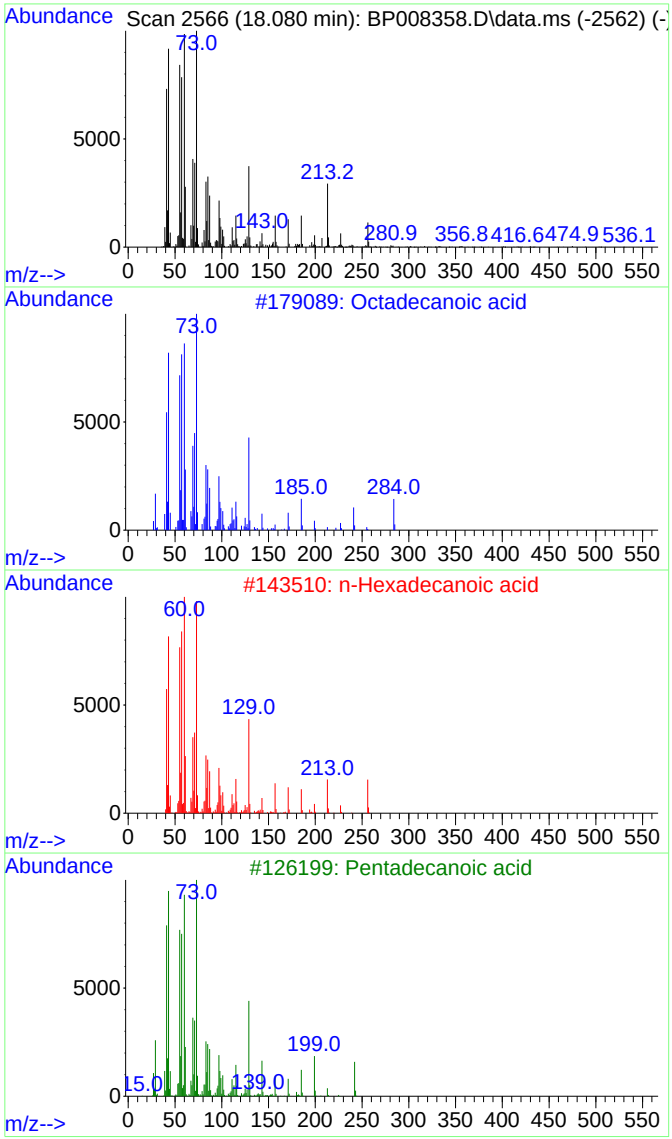
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

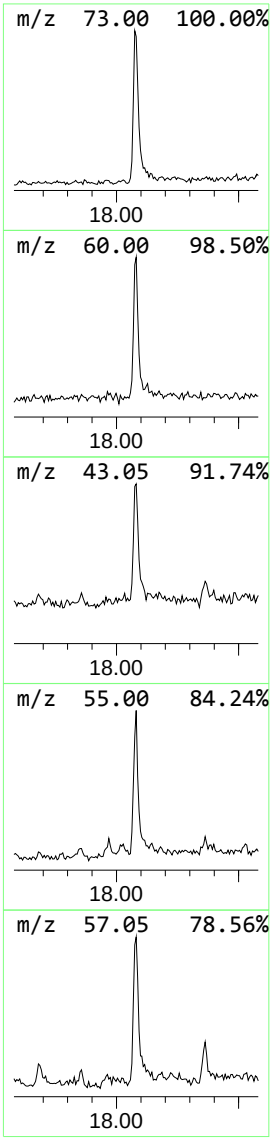
****

Peak Number 1 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	6.53 ng	244119	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

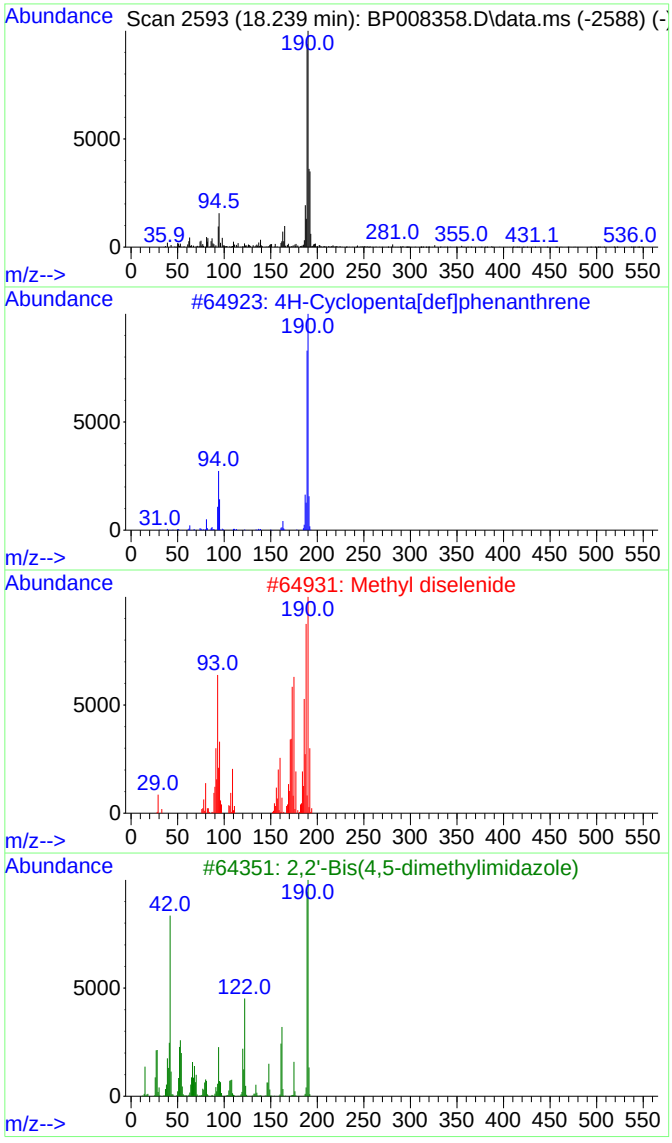
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

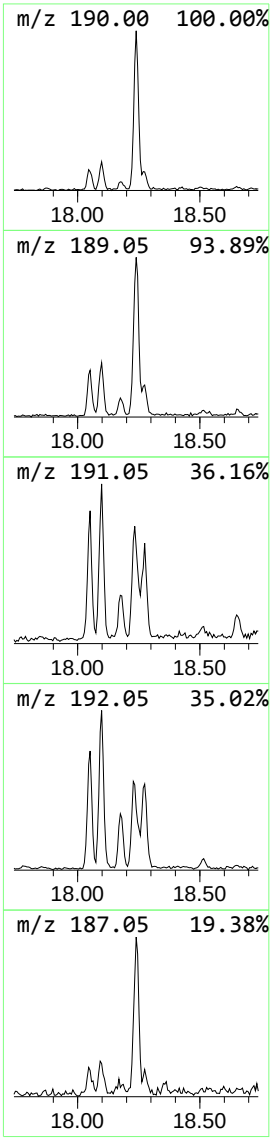
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.95 ng	110377	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1-Aminocyclopentanecarboxylic ac...	389	C20H36ClNO4	1000329-17-2	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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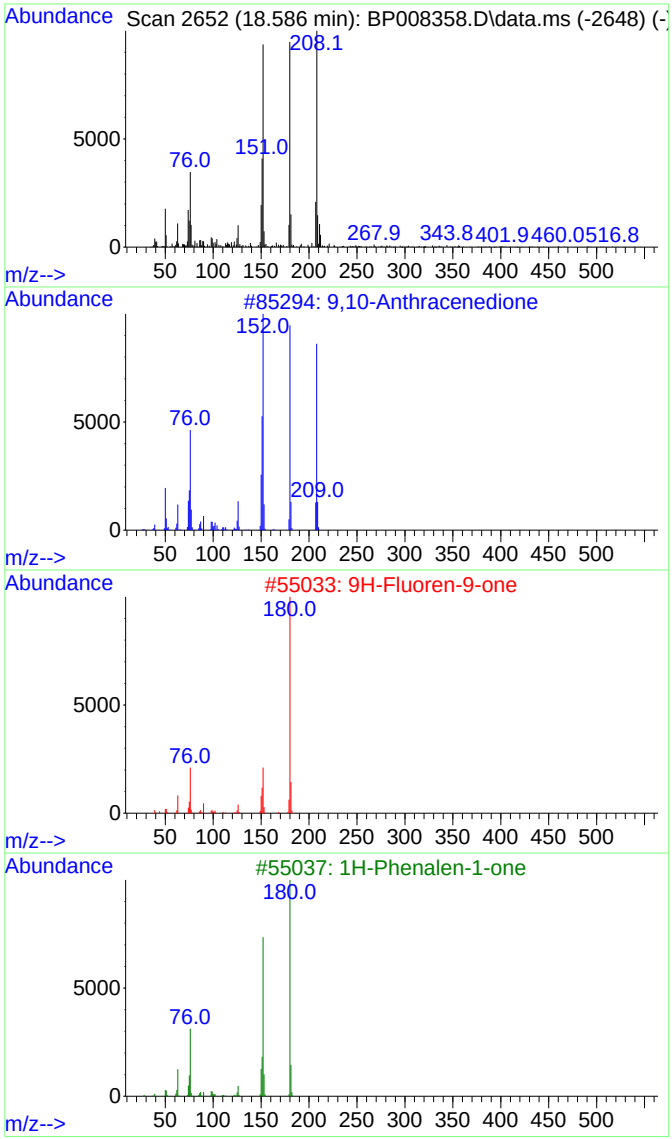
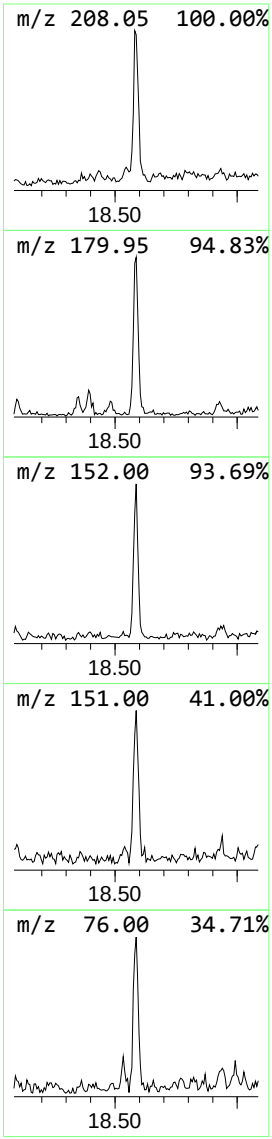
Peak Number 3 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	2.04 ng	76181	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1-Phenylbicyclo(3.2.2)nona-3,6,8...	208	C15H12O	1010427-19-9	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

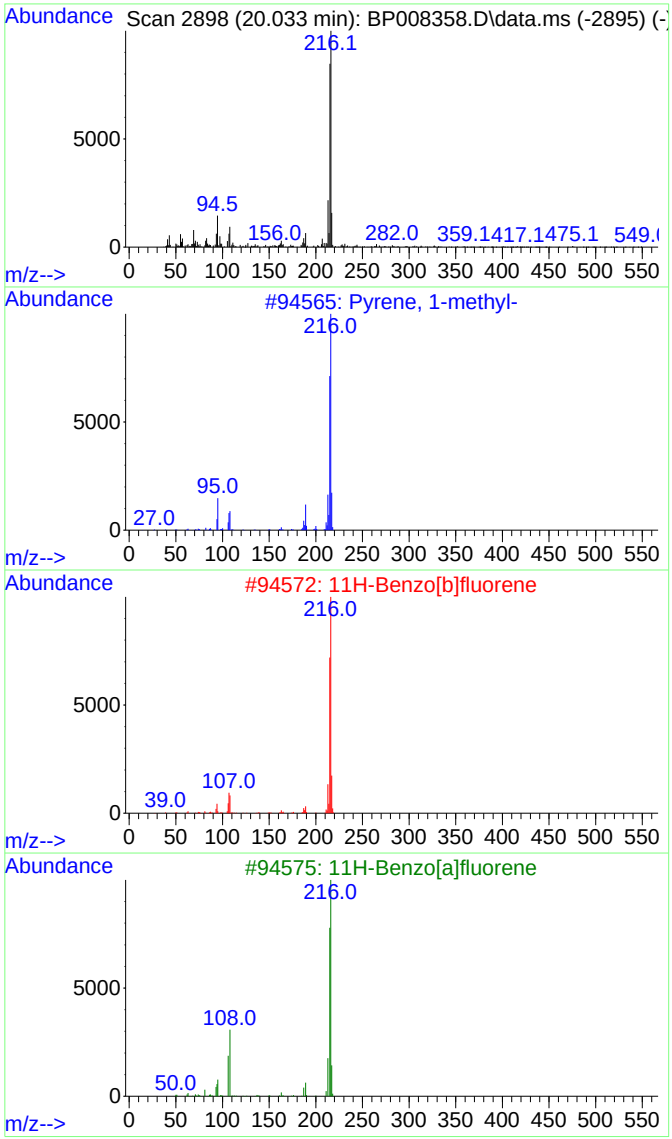
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

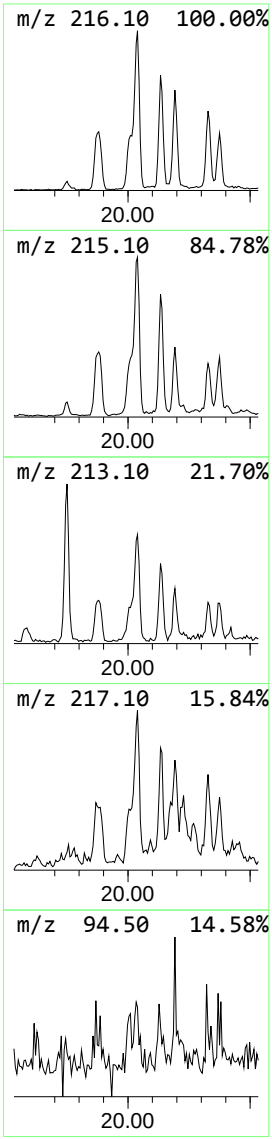
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.033	2.29 ng	200054	Chrysene-d12	21.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	64
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

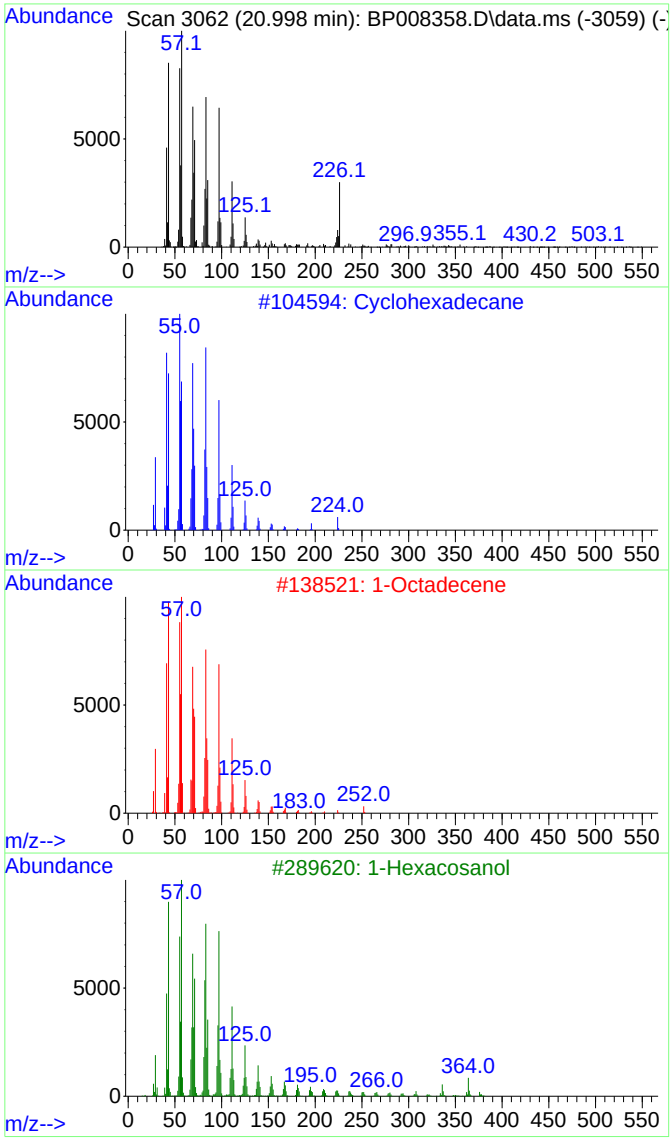
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

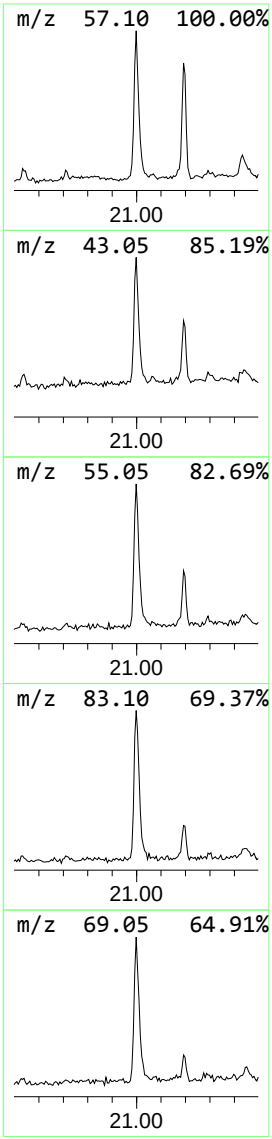
****

Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	4.87 ng	425922	Chrysene-d12	21.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecene	252	C18H36	000112-88-9	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

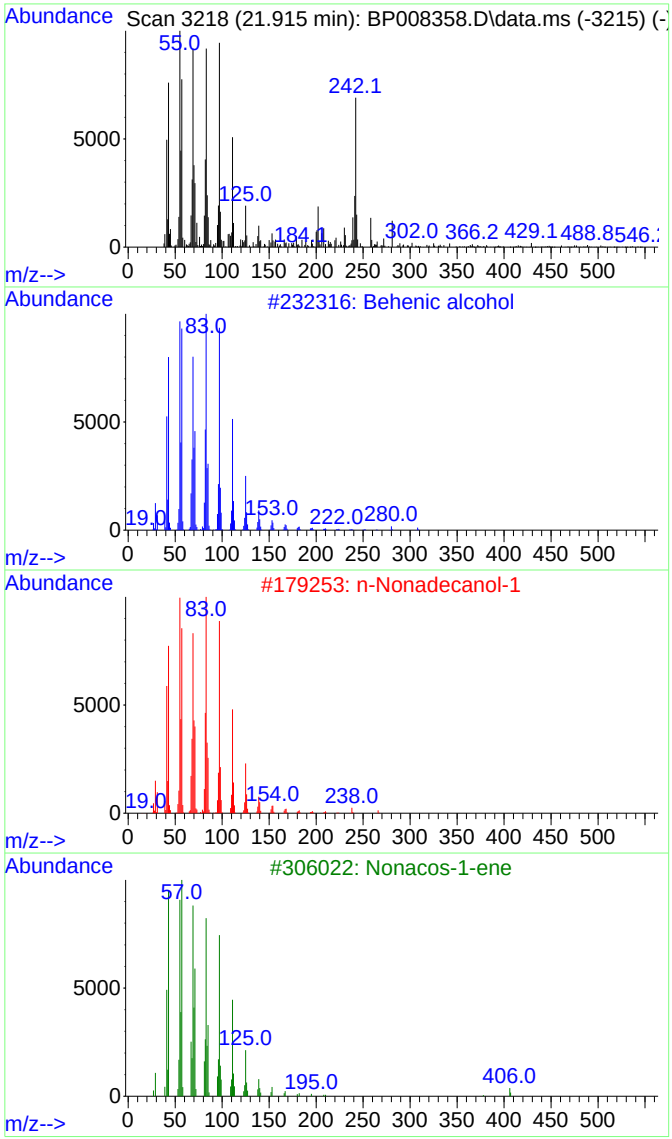
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

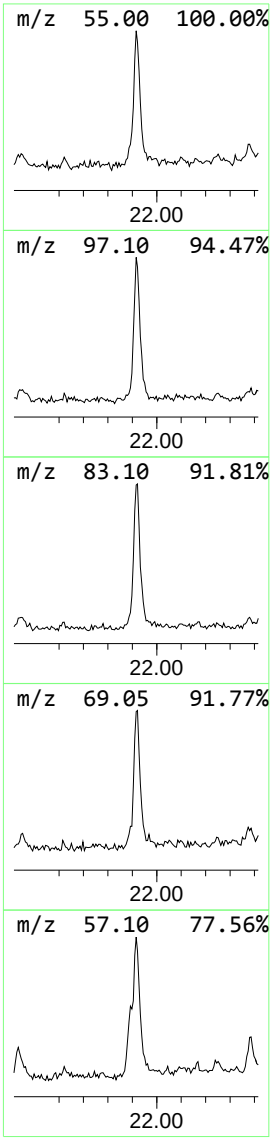
****

Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.916	3.75 ng	328195	Chrysene-d12	21.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	89
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	76
3	Nonacos-1-ene	406	C29H58	018835-35-3	68
4	Octacosanol	410	C28H58O	000557-61-9	55
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

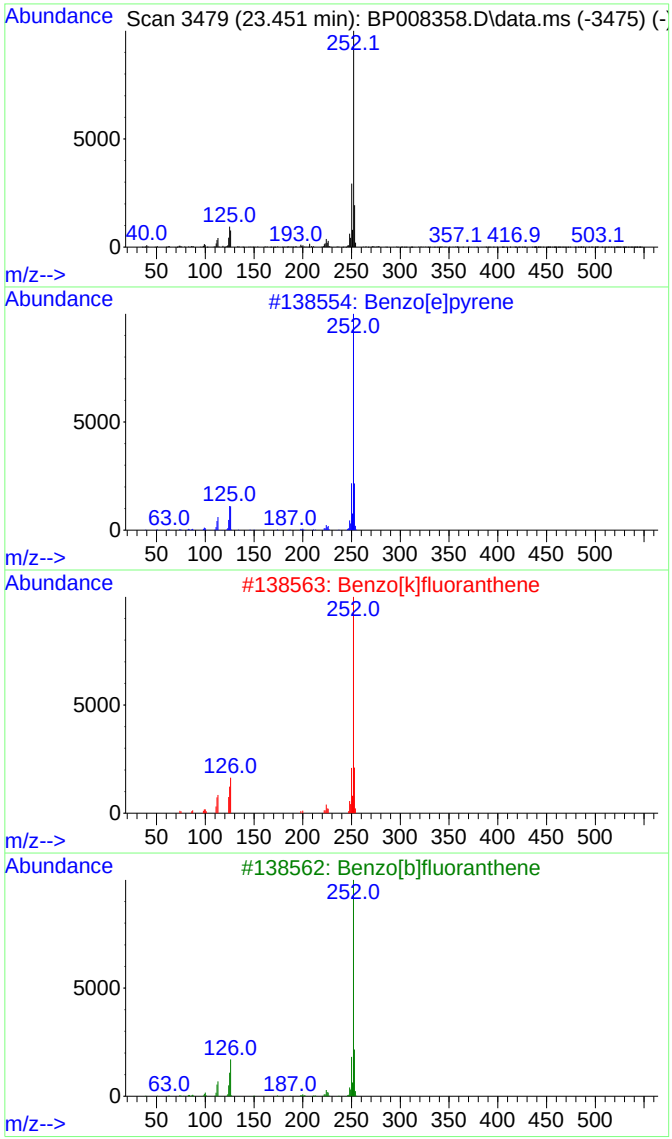
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

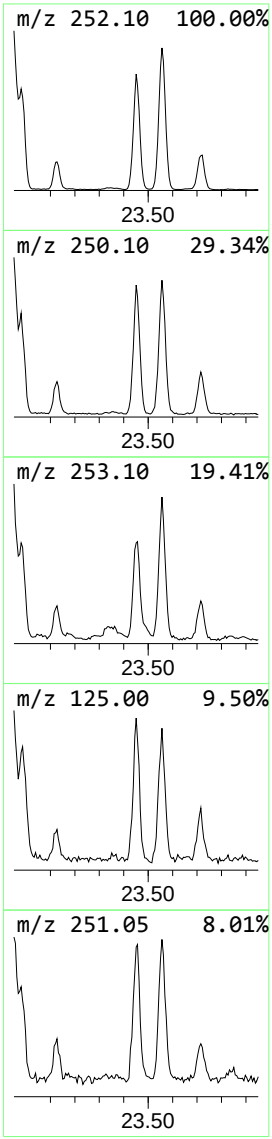
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.451	8.95 ng	438106	Perylene-d12	23.662

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
Operator : CG/JU
Sample : M4944-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETGI-362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
Octadecanoic acid	18.080	6.5	ng	244119	4	17.175	748067	20.0
4H-Cyclopenta[d...	18.239	3.0	ng	110377	4	17.175	748067	20.0
9,10-Anthracene...	18.586	2.0	ng	76181	4	17.175	748067	20.0
Pyrene, 1-methyl-	20.033	2.3	ng	200054	5	21.280	1749960	20.0
Cyclohexadecane	20.998	4.9	ng	425922	5	21.280	1749960	20.0
Behenic alcohol	21.916	3.8	ng	328195	5	21.280	1749960	20.0
Benzo[e]pyrene	23.451	8.9	ng	438106	6	23.662	979138	20.0