LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	19	rVB	788861	1112384	7.19%	1.051%
2	5.370	398	405	433	rBV	3721503	6756375	43.70%	6.381%
3	6.958	665	675	700	rBV	3560899	7001870	45.29%	6.613%
4	7.764	805	812	829	rBV	1020652	1935450	12.52%	1.828%
5	8.922	1001	1009	1032	rBV	2386558	4549186	29.42%	4.297%
6	10.558	1277	1287	1294	rBV	1338493	2557976	16.54%	2.416%
7	13.034	1700	1708	1729	rBV	6774642	11184793	72.34%	10.564%
8	14.134	1889	1895	1904	rBV	118309	243921	1.58%	0.230%
9	14.410	1933	1942	1949	rBV	2150371	3505878	22.68%	3.311%
10	14.475	1949	1953	1963	rVB	205985	376404	2.43%	0.356%
11	14.981	2031	2039	2041	rBV9	64325	169225	1.09%	0.160%
12	15.469	2117	2122	2129	rBV	153528	241891	1.56%	0.228%
13	15.910	2191	2197	2207	rBV	5215962	8390311	54.27%	7.924%
14	16.528	2298	2302	2307	rVB	121530	173920	1.12%	0.164%
15	16.992	2378	2381	2390	rVB2	112964	211140	1.37%	0.199%
16	17.175	2406	2412	2416	rBV	2623055	4049458	26.19%	3.825%
17	17.216	2416	2419	2427	rVV	1450617	2167780	14.02%	2.047%
18	17.310	2430	2435	2441	rVB	496644	781523	5.05%	0.738%
19	17.587	2479	2482	2492	rVB	117231	191033	1.24%	0.180%
20	18.092	2564	2568	2577	rVB2	613231	1004404	6.50%	0.949%
21	18.239	2589	2593	2598	rBV3	401712	664639	4.30%	0.628%
22	19.204	2752	2757	2763	rVB	3290025	4291295	27.76%	4.053%
23	19.557	2808	2817	2826	rBV	2877812	5017620	32.45%	4.739%
24	19.757	2845	2851	2856	rBV	12252463	15461042	100.00%	14.603%
25	20.045	2896	2900	2908	rVB	515792	781465	5.05%	0.738%
26	20.139	2913	2916	2922	rBV	415799	598684	3.87%	0.565%
27	20.992	3057	3061	3064	rBV2	640597	1007068	6.51%	0.951%
28	21.028	3064	3067	3085	rVB5	1017494	2450769	15.85%	2.315%
29	21.210	3095	3098	3102	rVB	797582	906923	5.87%	0.857%
30	21.292	3106	3112	3116	rVV2	3866796	6775547	43.82%	6.399%
31	21.328	3116	3118	3128	rVB	1277647	1659125	10.73%	1.567%
32	21.410	3129	3132	3136	rBV	664711	868797	5.62%	0.821%
33	22.963	3391	3396	3401	rBV	1047875	2405726	15.56%	2.272%
34	23.580	3496	3501	3510	rVB	1007557	2176231	14.08%	2.055%
35	23.686	3513	3519	3526	rBV2	2028591	4209230	27.22%	3.976%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

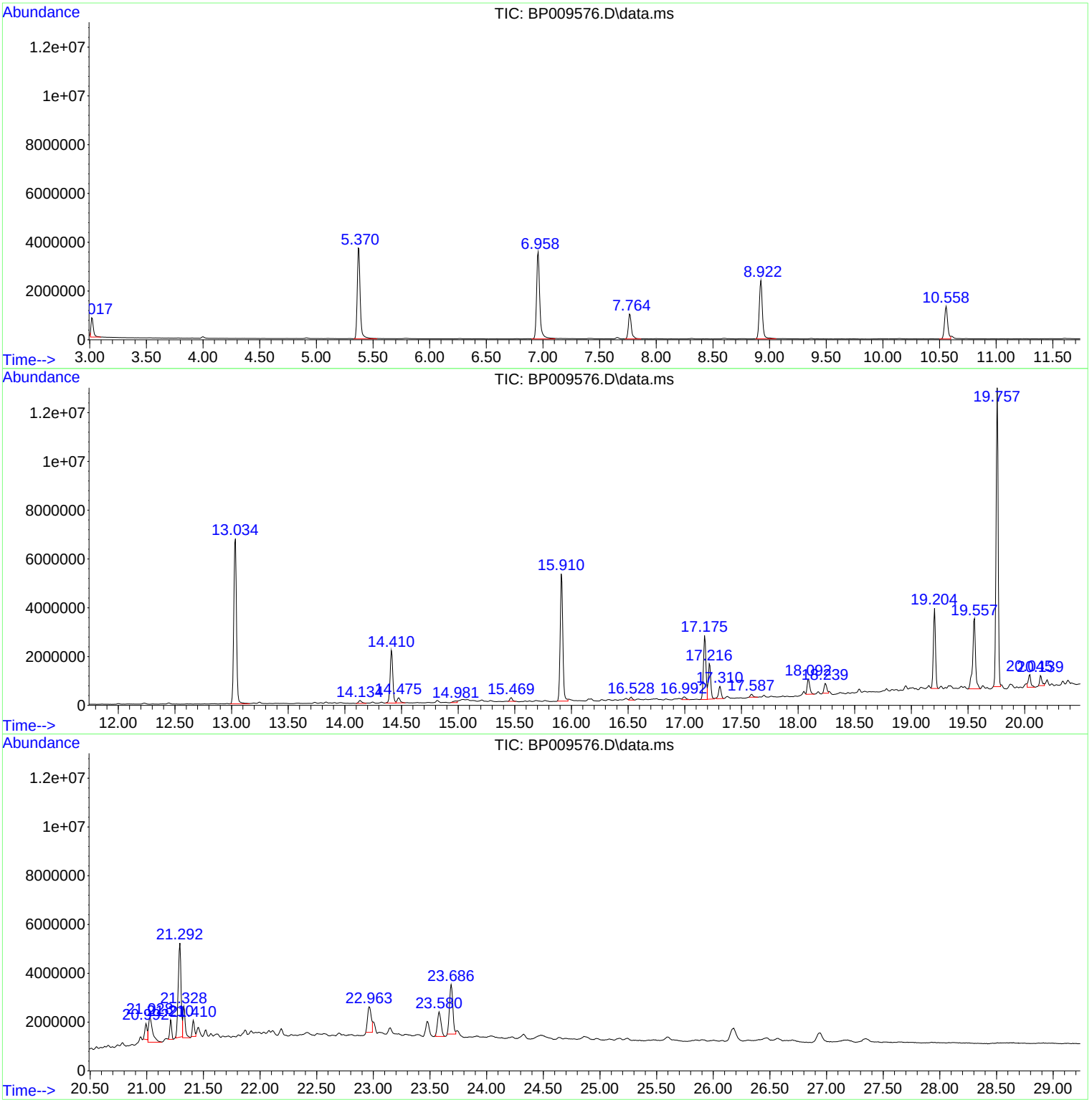
Sum of corrected areas: 105879083

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

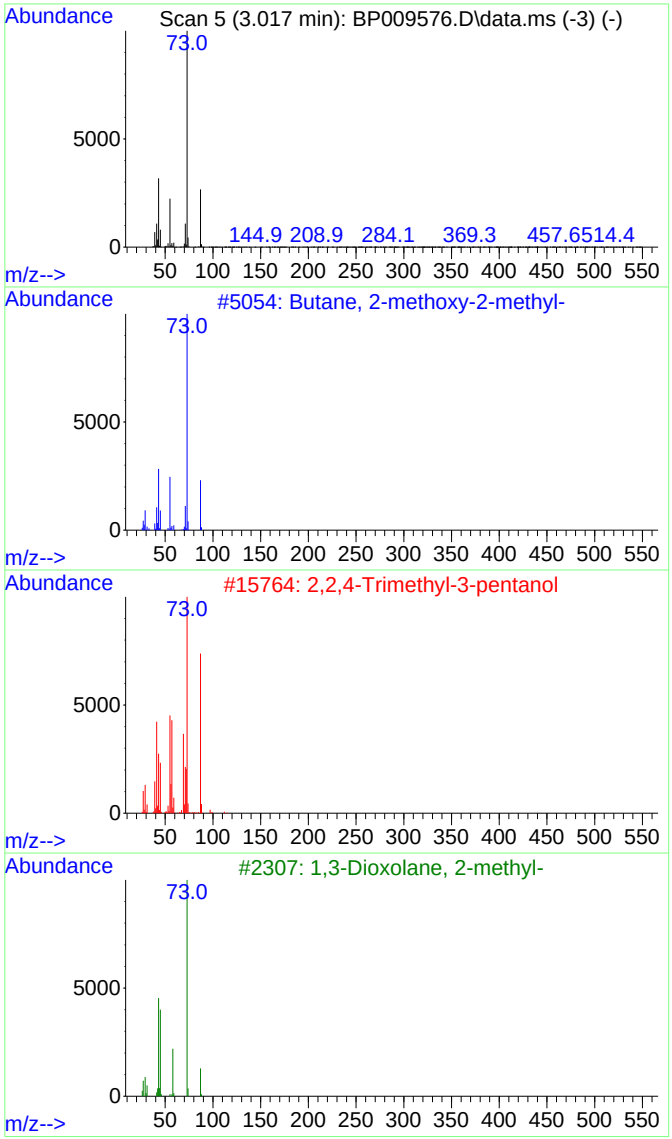
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

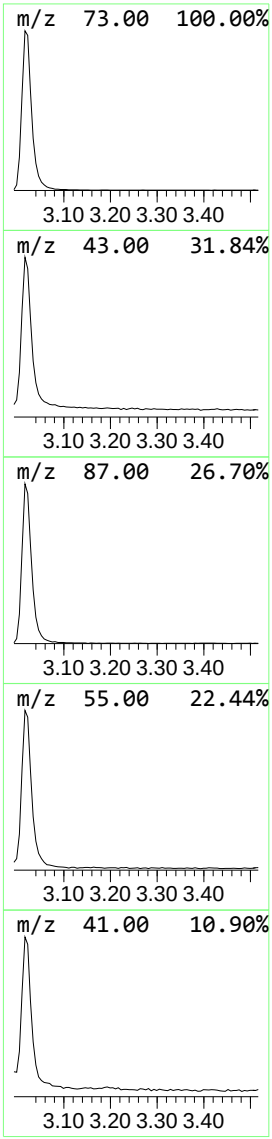
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	11.49 ng	1112380	1,4-Dichlorobenzene-d4	7.764

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

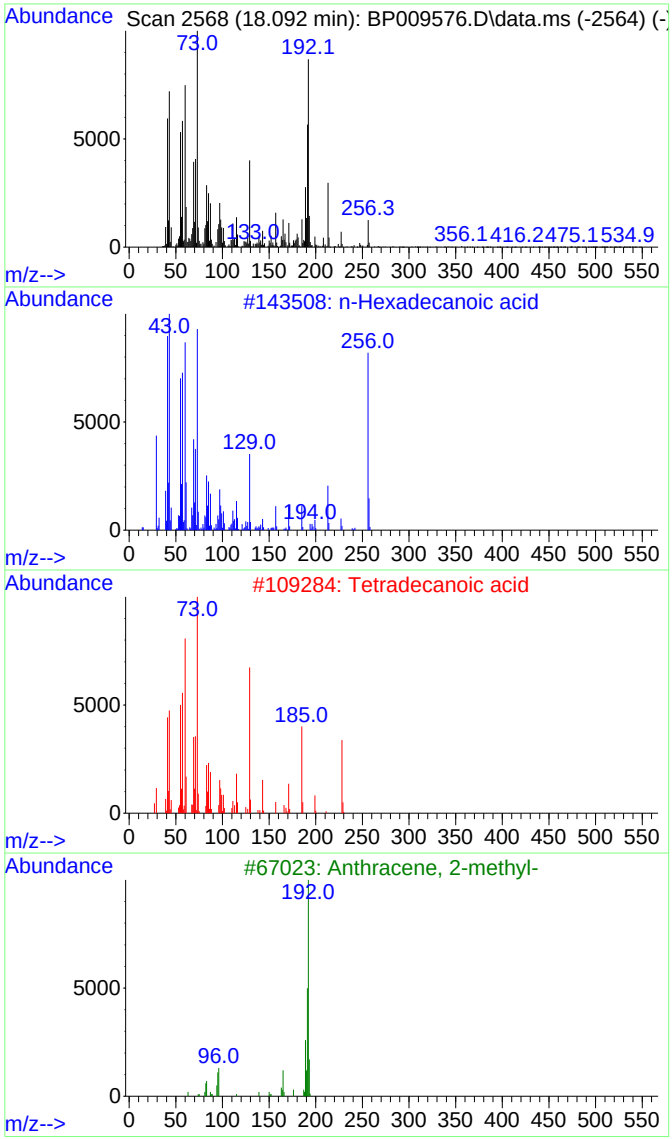
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

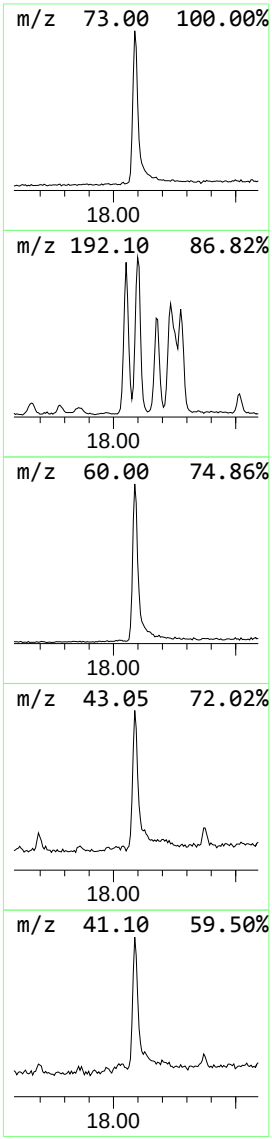
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	4.96 ng	1004400	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

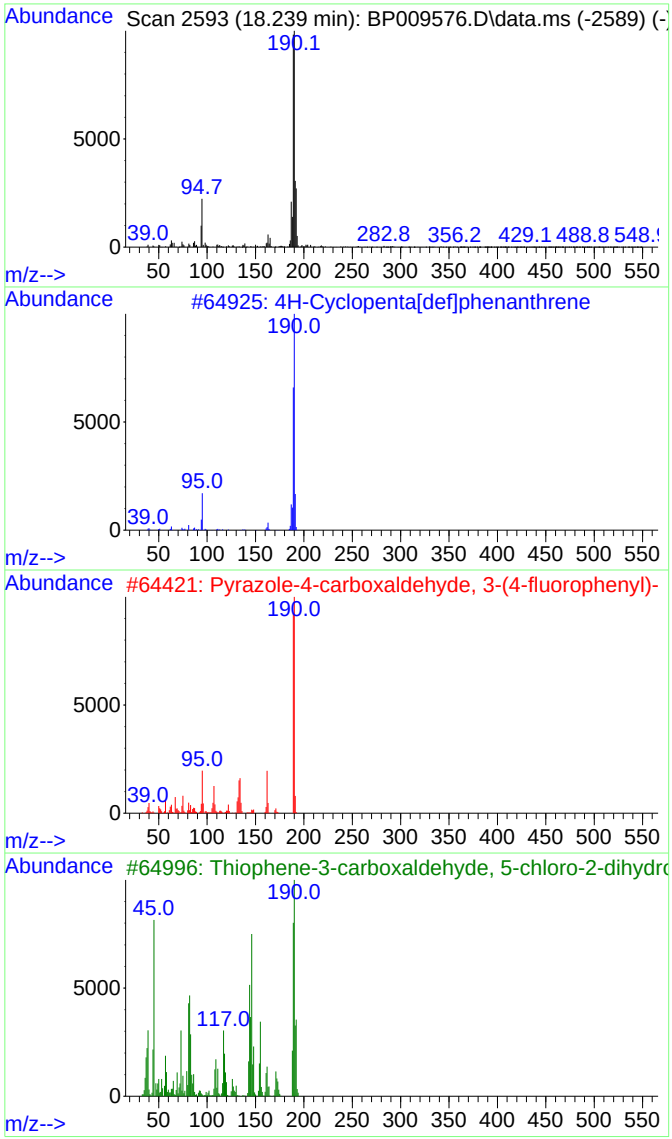
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

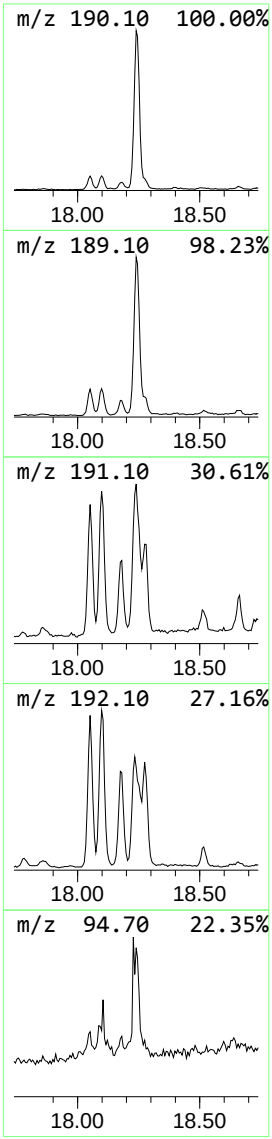
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	3.28 ng	664639	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

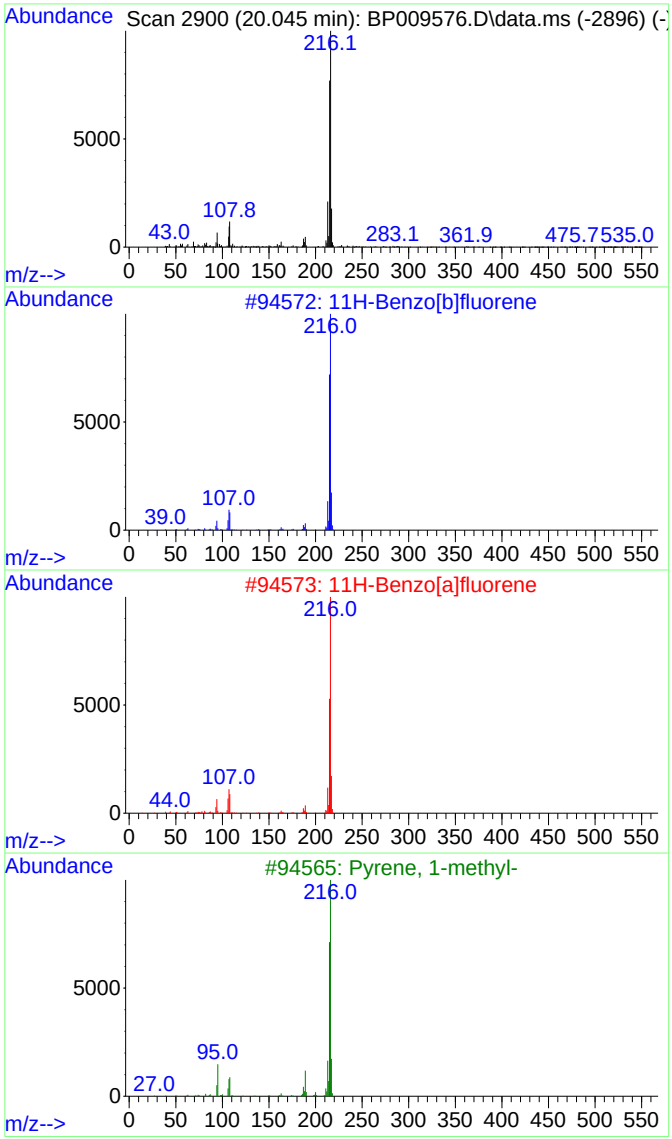
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

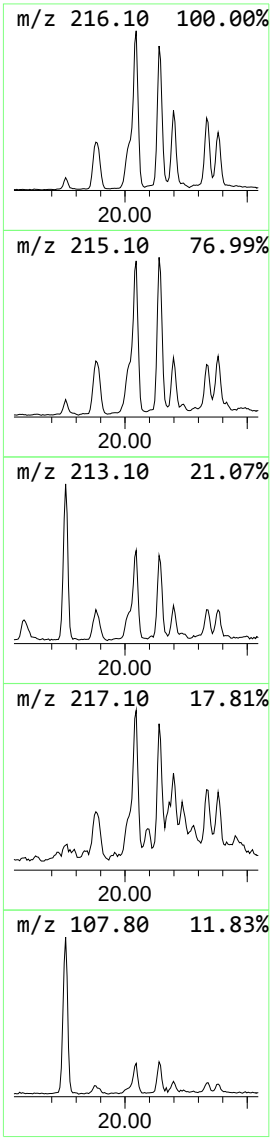
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.31 ng	781465	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

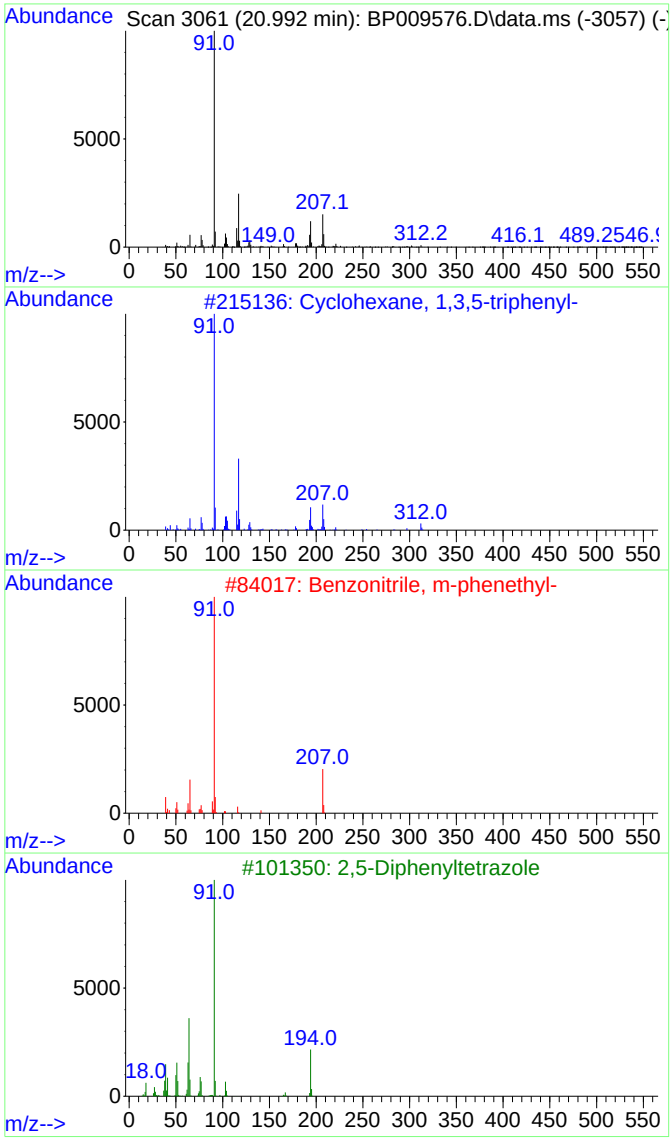
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

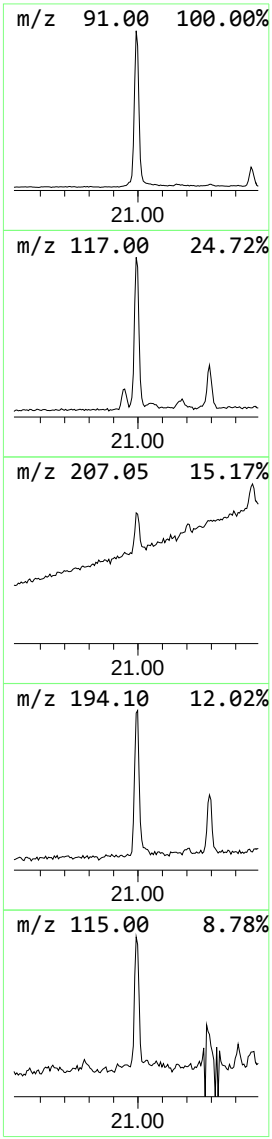
****

Peak Number 6 Cyclohexane, 1,3,5-triphenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.97 ng	1007070	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	72
2	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	25
3	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	23
4	4-Imidazolidinone, 5-(phenylmeth...	206	C10H10N2OS	006330-09-2	17
5	Benzenepropanenitrile, .alpha.-p...	207	C15H13N	003333-14-0	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

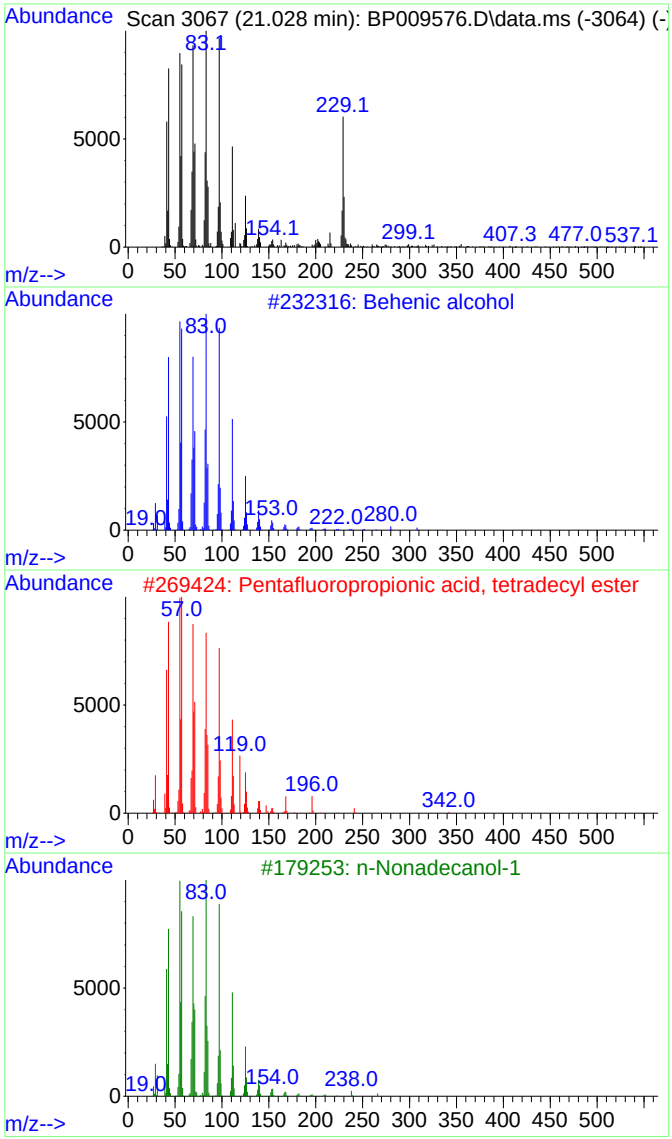
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

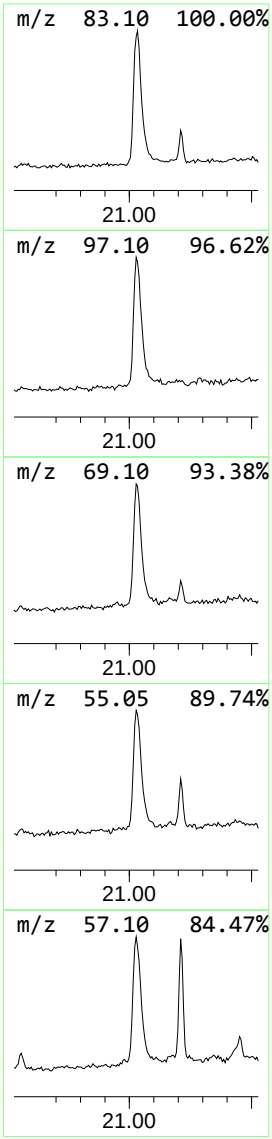
****

Peak Number 7 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.028	7.23 ng	2450770	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	Cyclopentadecane	210	C15H30	000295-48-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

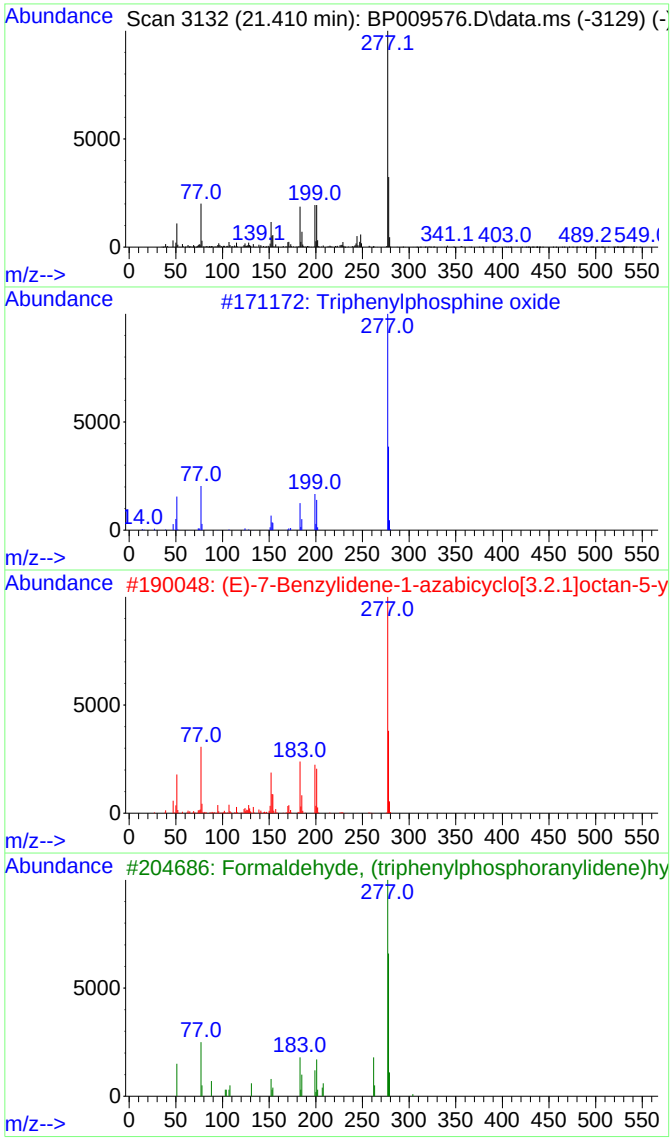
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

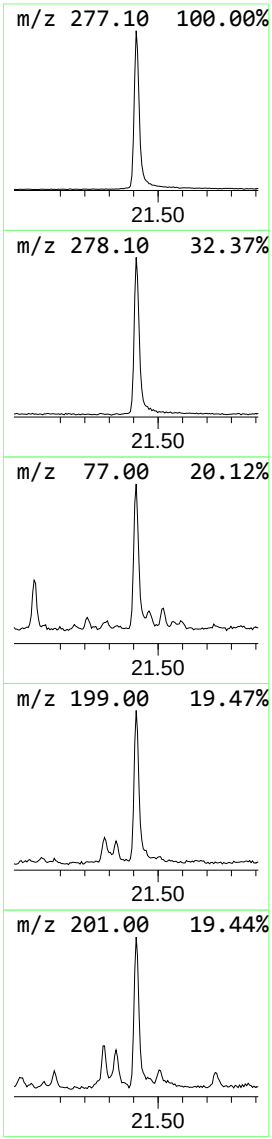
****

Peak Number 8 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	2.56 ng	868797	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	32
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009576.D
Acq On : 28 Mar 2022 21:10
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Butane, 2-metho...	3.017	11.5	ng	1112380	1	7.764	1935450	20.0
n-Hexadecanoic ...	18.092	5.0	ng	1004400	4	17.175	4049460	20.0
4H-Cyclopenta[d...	18.240	3.3	ng	664639	4	17.175	4049460	20.0
11H-Benzo[b]flu...	20.045	2.3	ng	781465	5	21.292	6775550	20.0
Cyclohexane, 1,...	20.992	3.0	ng	1007070	5	21.292	6775550	20.0
Behenic alcohol	21.028	7.2	ng	2450770	5	21.292	6775550	20.0
Triphenylphosph...	21.410	2.6	ng	868797	5	21.292	6775550	20.0