LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025475.D
Acq On : 19 Aug 2025 14:10
Operator : CG/JU
Sample : Q2815-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025475.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	36	rVB	3525876	4463306	35.36%	7.349%
2	3.567	102	107	118	rBV	477335	645587	5.11%	1.063%
3	4.943	334	341	352	rBV2	246705	365362	2.89%	0.602%
4	5.408	413	420	432	rBV	2083156	3122330	24.73%	5.141%
5	6.966	676	685	702	rBV	1482346	2488574	19.71%	4.097%
6	7.790	817	825	833	rBV	593337	983632	7.79%	1.620%
7	8.937	1007	1020	1038	rBV	1971110	3364017	26.65%	5.539%
8	10.566	1288	1297	1309	rBV	758719	1393516	11.04%	2.294%
9	13.019	1705	1714	1725	rBV	4692317	7670122	60.76%	12.629%
10	14.401	1941	1949	1960	rBV	1260937	1985456	15.73%	3.269%
11	15.784	2178	2184	2191	rBV	754216	993865	7.87%	1.636%
12	15.913	2200	2206	2218	rBV	4324980	6730950	53.32%	11.082%
13	17.195	2418	2424	2432	rBV2	1622219	2500025	19.80%	4.116%
14	18.148	2580	2586	2595	rBV	1412740	2180627	17.27%	3.590%
15	19.319	2781	2785	2787	rBV2	110177	148664	1.18%	0.245%
16	19.466	2806	2810	2824	rBV	416838	661535	5.24%	1.089%
17	19.919	2881	2887	2895	rBV	8889551	12623576	100.00%	20.784%
18	20.789	3032	3035	3038	rVB	159105	158398	1.25%	0.261%
19	21.319	3119	3125	3133	rBV	647373	1119699	8.87%	1.844%
20	21.642	3173	3180	3195	rVB	1559000	2960321	23.45%	4.874%
21	21.907	3221	3225	3232	rVB	167817	247418	1.96%	0.407%
22	23.501	3491	3496	3504	rVB	415933	830737	6.58%	1.368%
23	24.995	3742	3750	3766	rVB	1117656	3098856	24.55%	5.102%

Sum of corrected areas: 60736573

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
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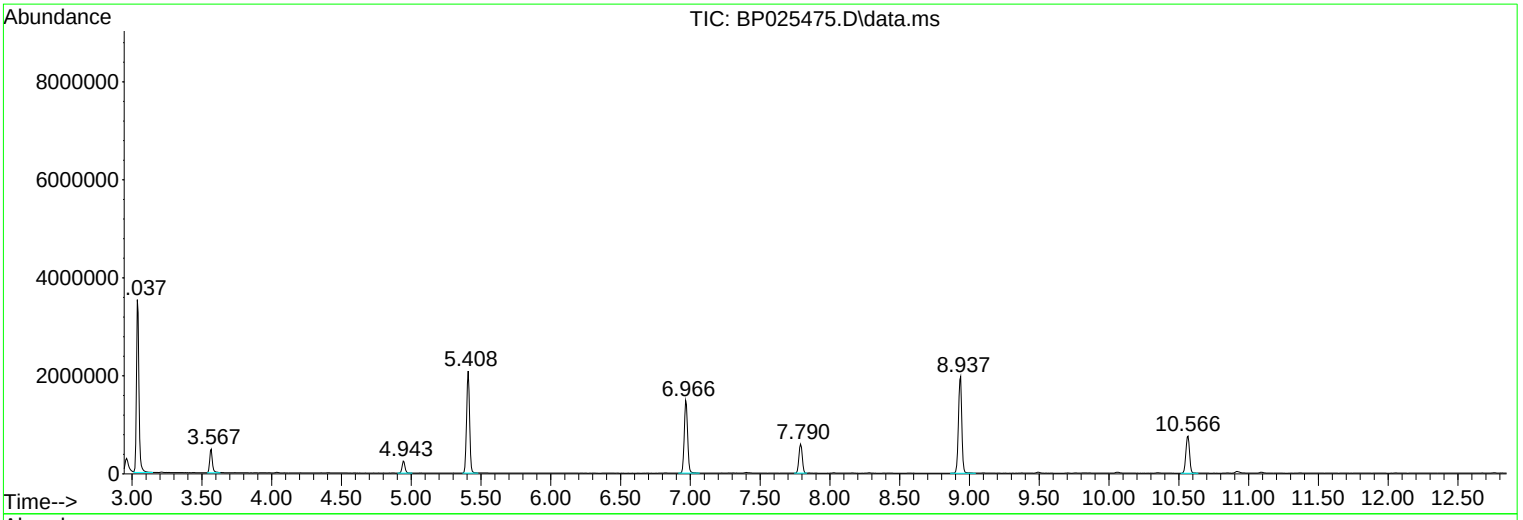
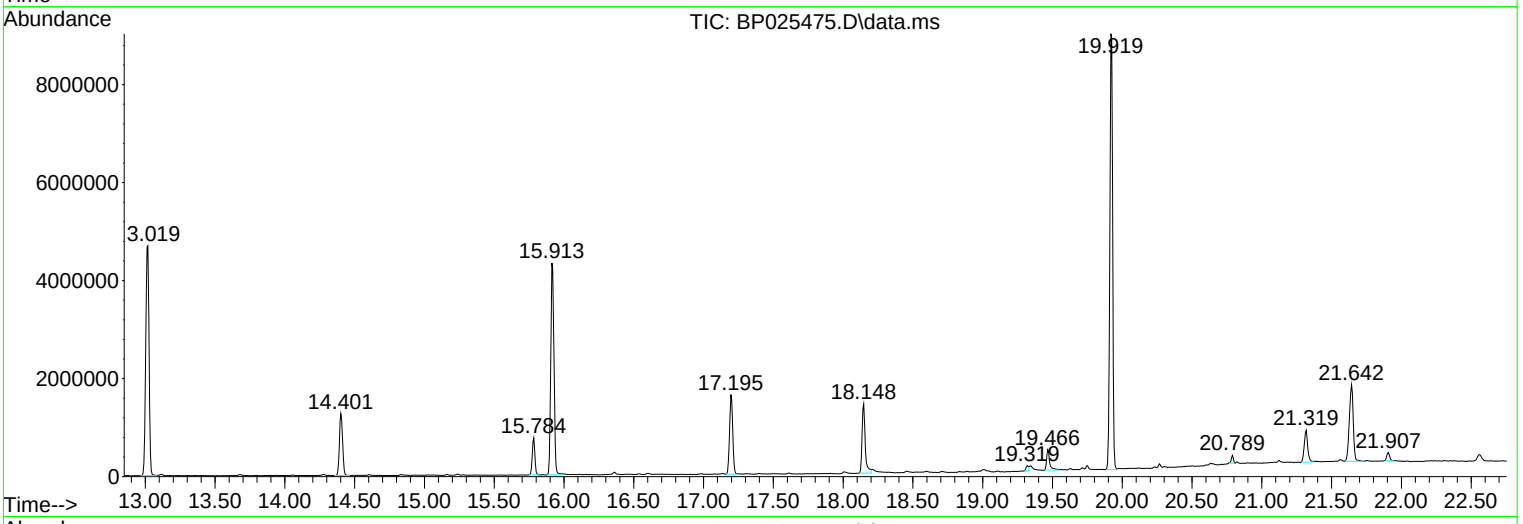
Misc :
ALS Vial : 7 Sample Multiplier: 1

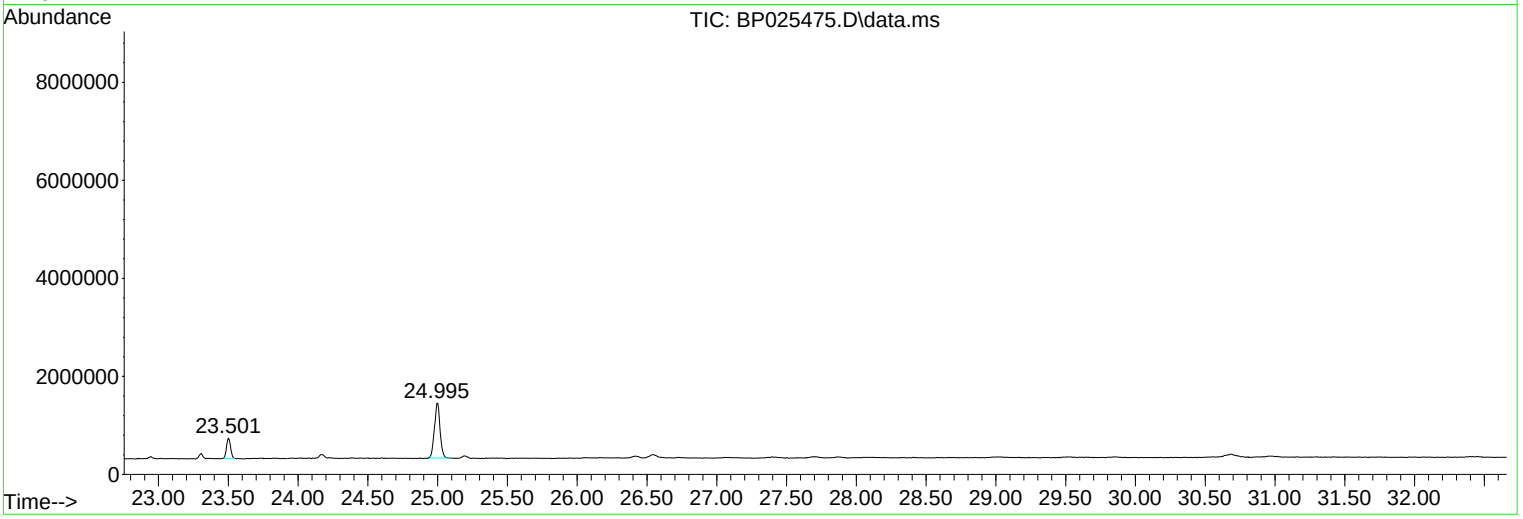
Instrument :
BNA_P
ClientSampleId :
DUP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

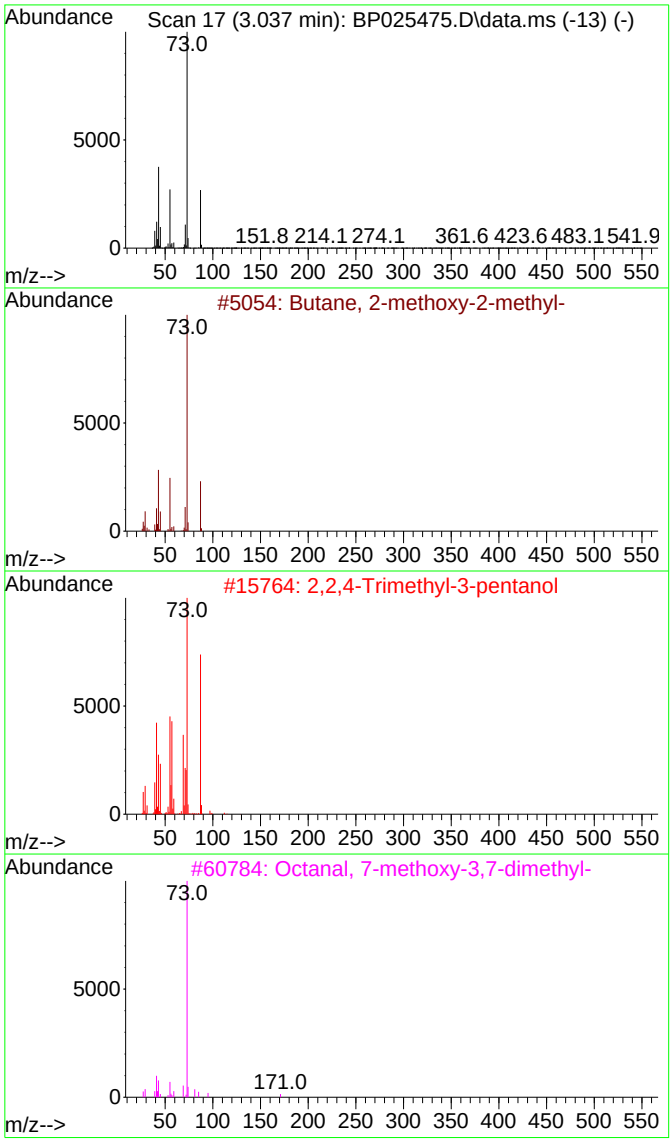
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

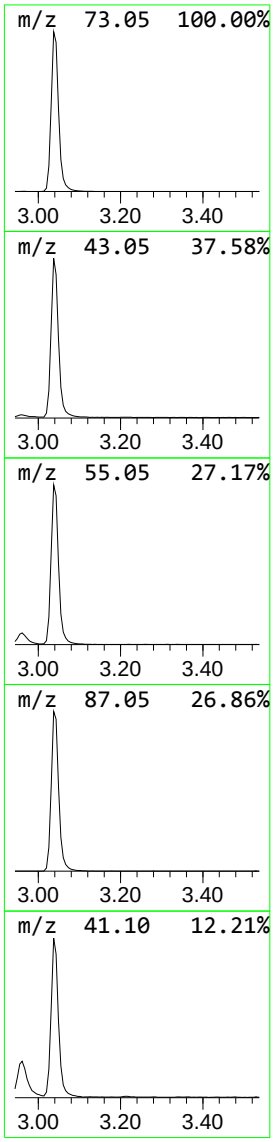
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	90.75 ng	4463310	1,4-Dichlorobenzene-d4	7.790

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	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Data File : BP025475.D
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Operator : CG/JU
Sample : Q2815-19
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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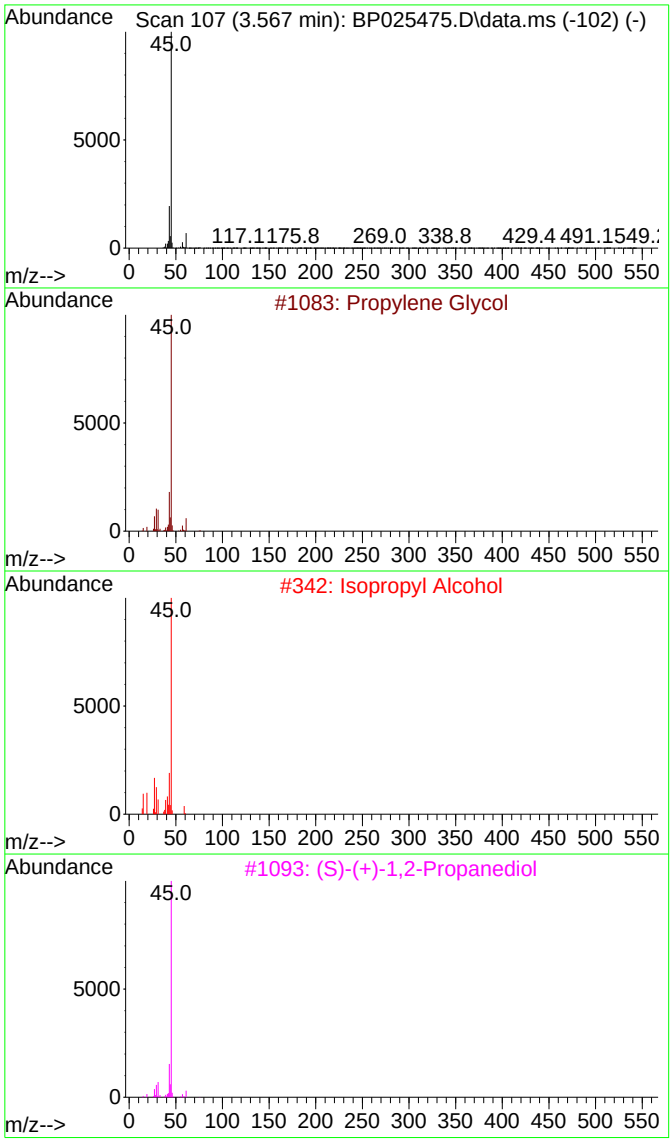
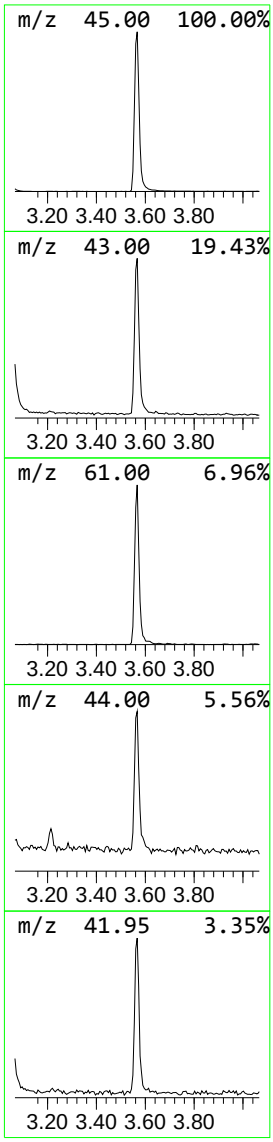
Peak Number 2 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.567	13.13 ng	645587	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





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Data File : BP025475.D
Acq On : 19 Aug 2025 14:10
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Sample : Q2815-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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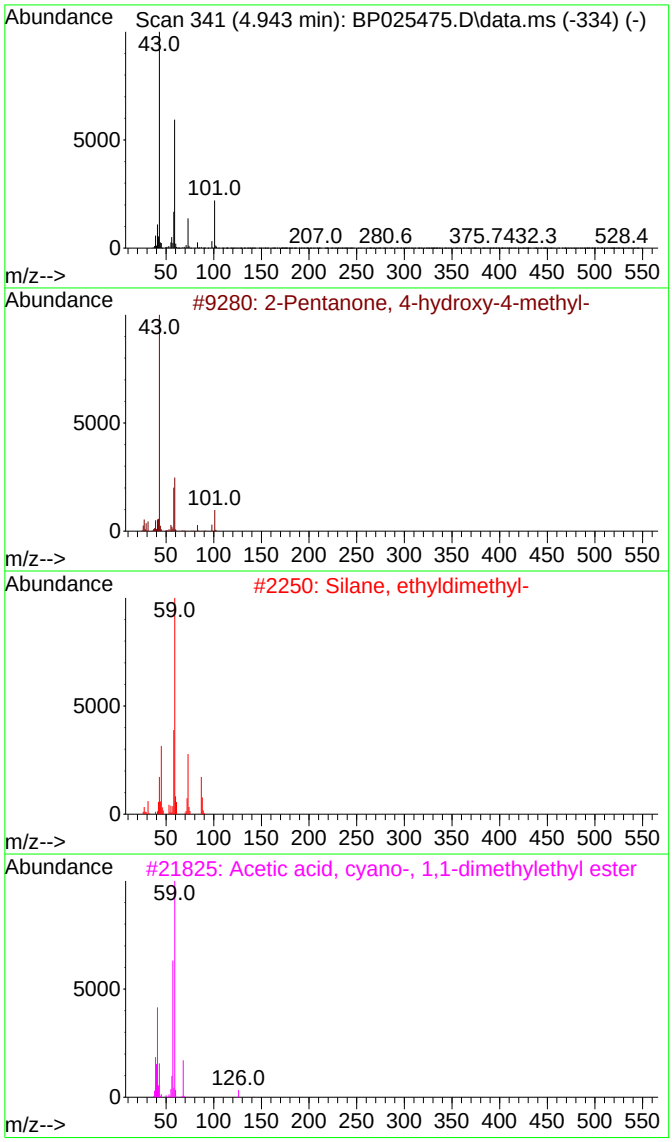
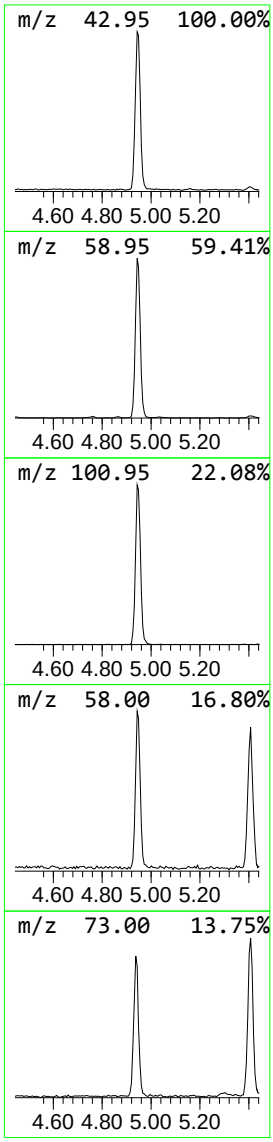
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	7.43 ng	365362	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	32
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17





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Sample : Q2815-19
Misc :
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Instrument :
BNA_P
ClientSampleId :
DUP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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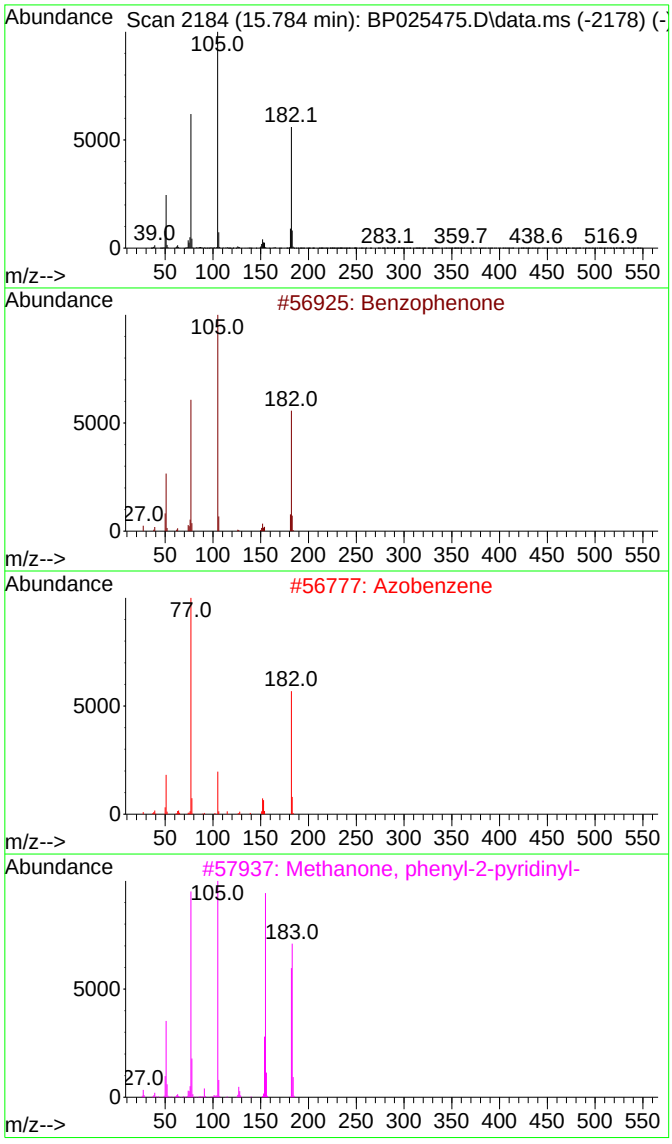
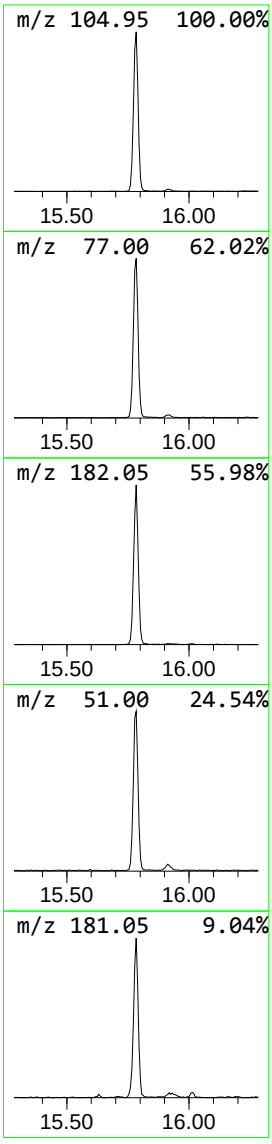
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	10.01 ng	993865	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





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Operator : CG/JU
Sample : Q2815-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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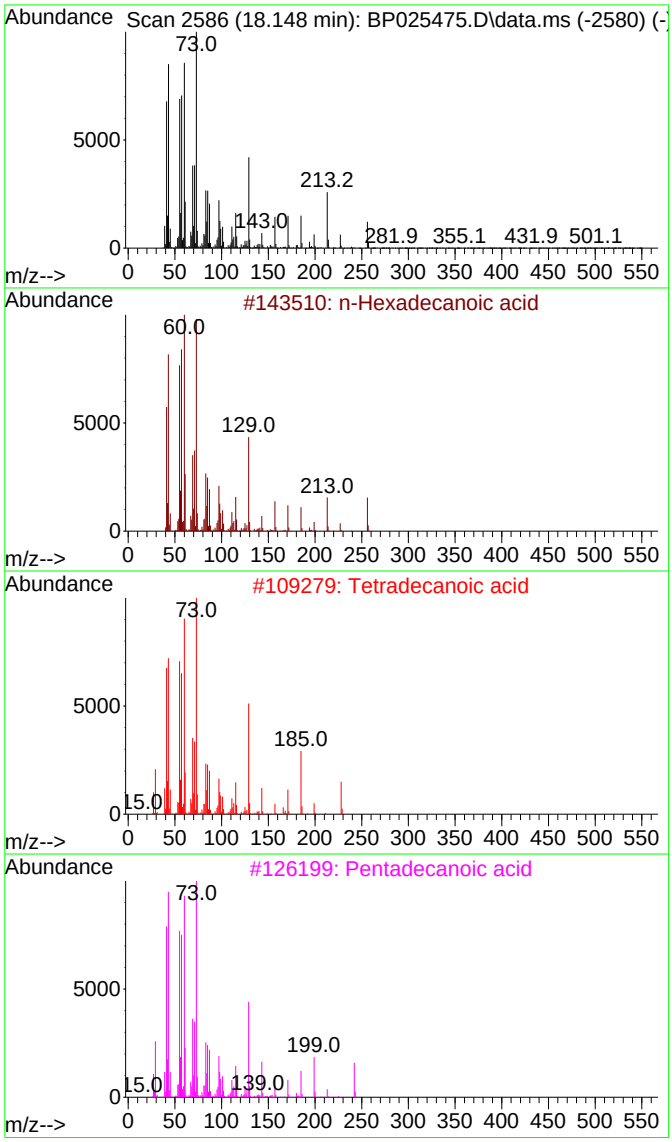
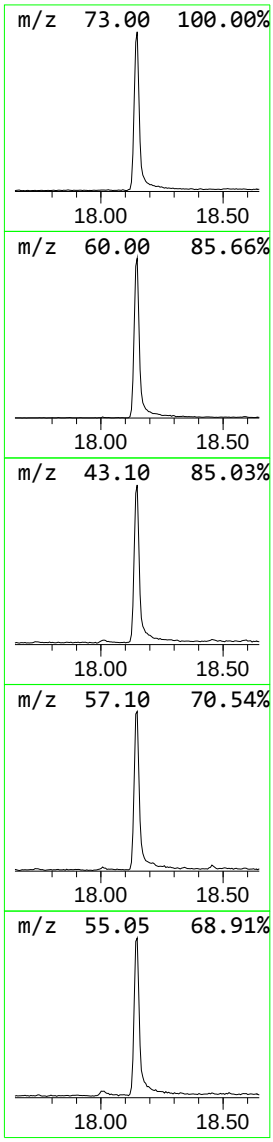
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	17.44 ng	2180630	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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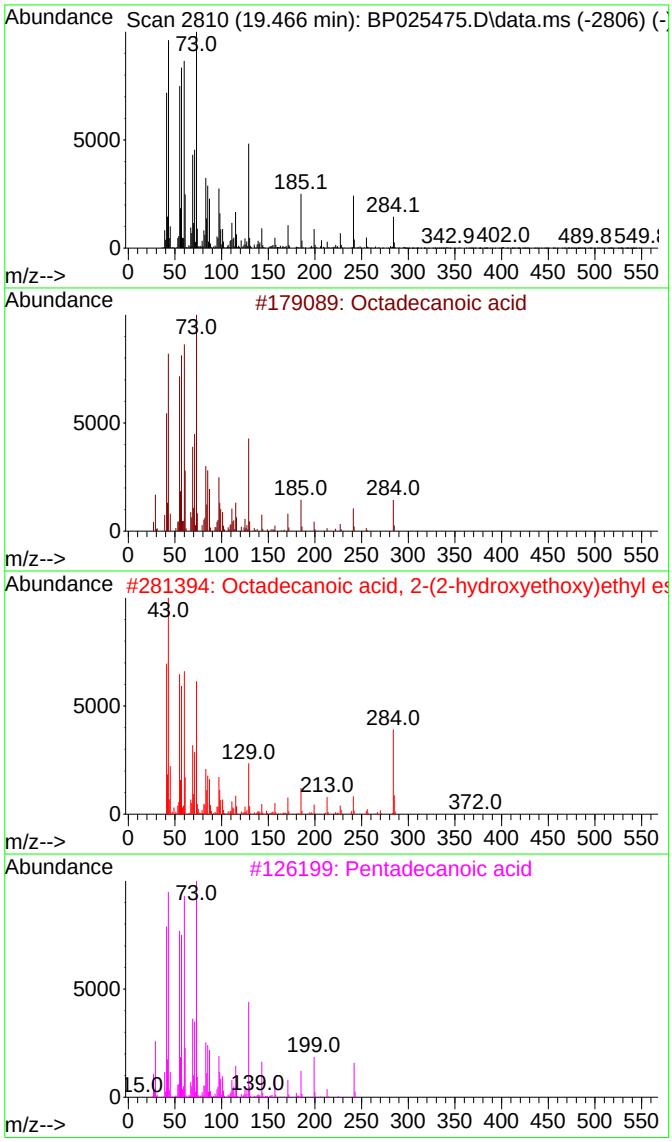
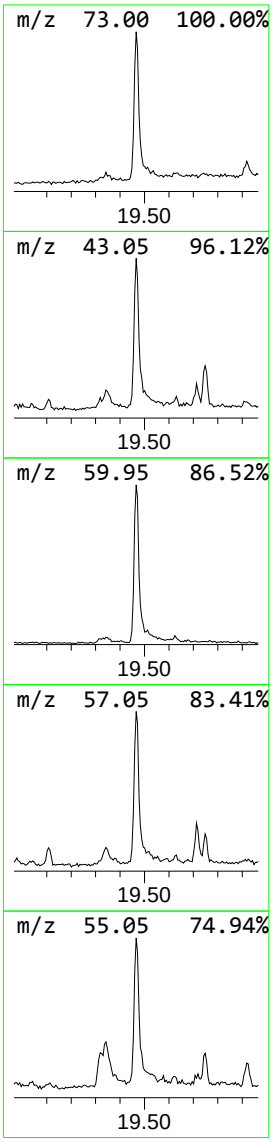
Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	4.47 ng	661535	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





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Sample : Q2815-19
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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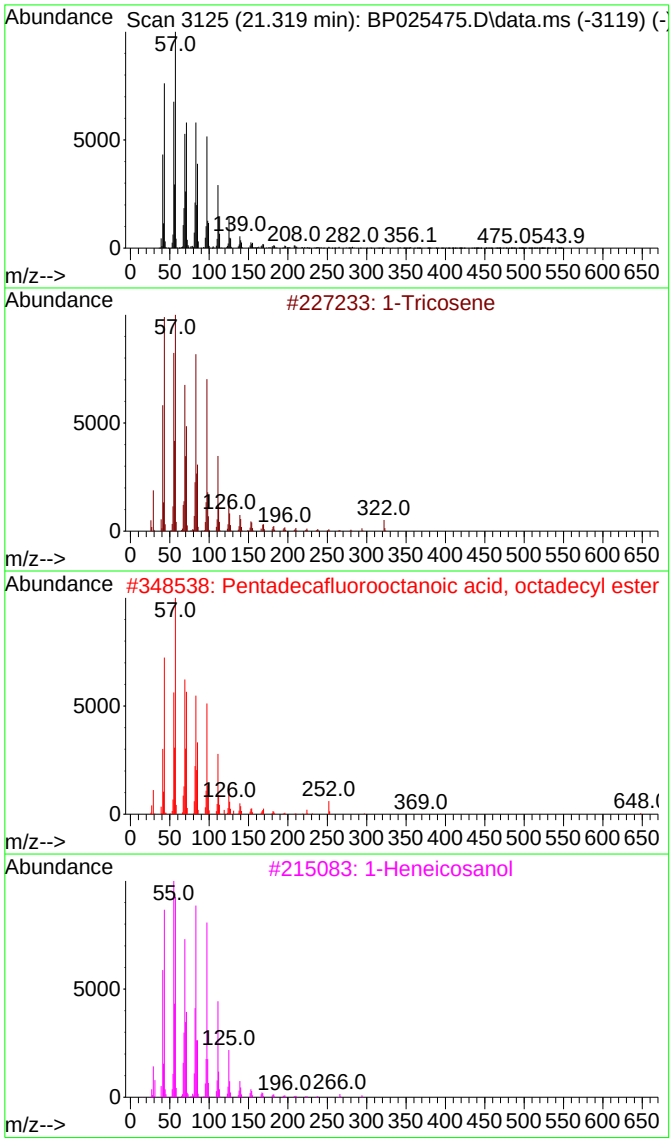
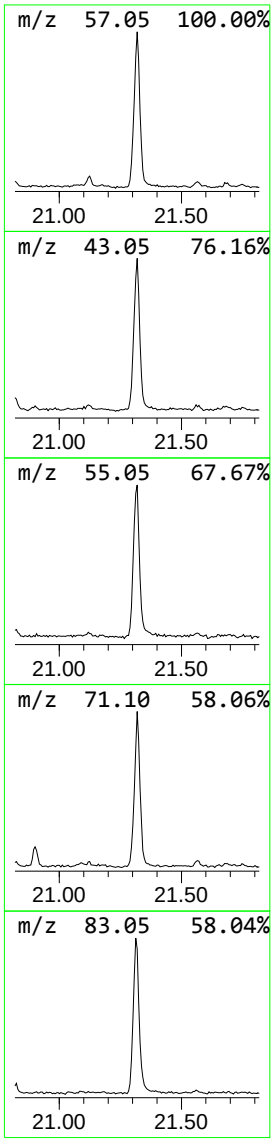
Peak Number 7 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.319	7.56 ng	1119700	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





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

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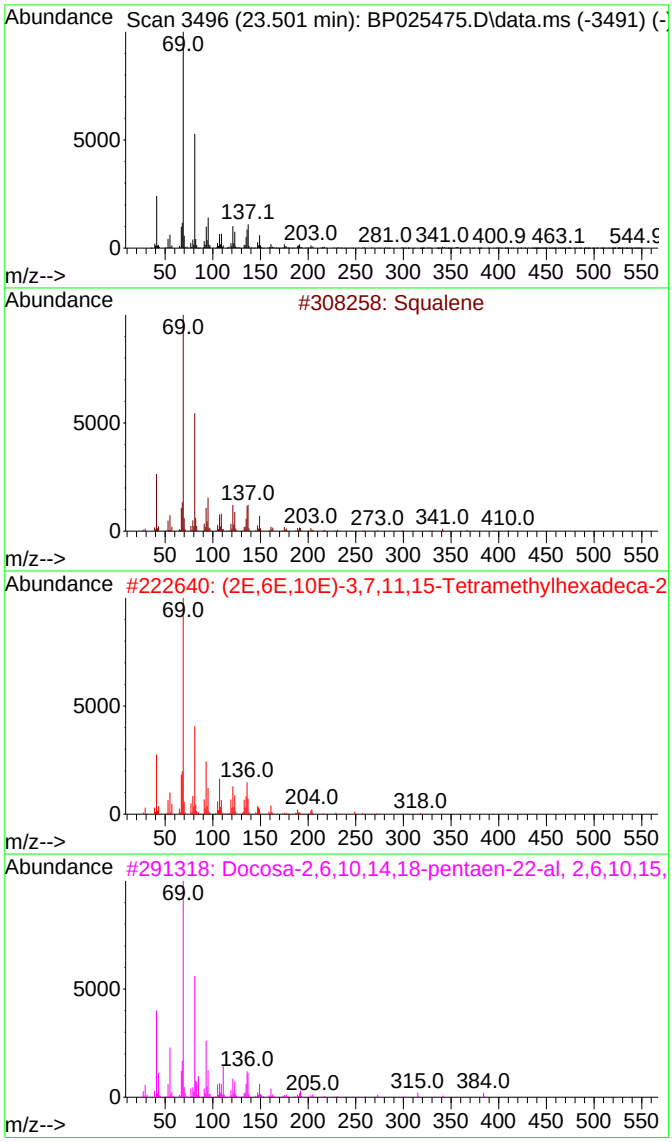
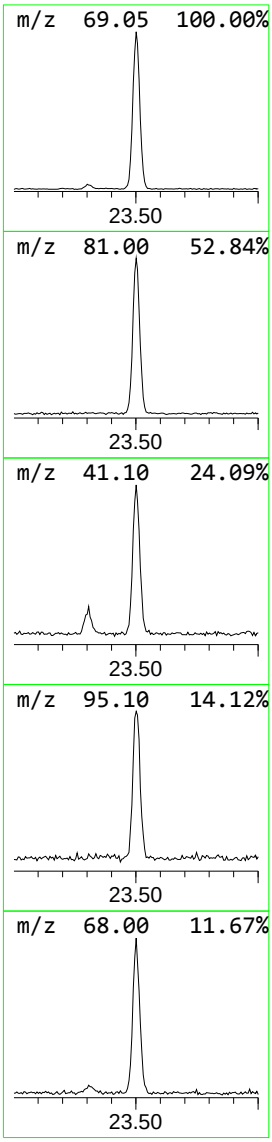
Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.501	5.36 ng	830737	Perylene-d12	25.001

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	90
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	Supraene	410	C30H50	007683-64-9	86
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80





Tentatively Identified Compound (LSC) summary

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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...	3.037	90.8	ng	4463310	1	7.790	983632	20.0
Propylene Glycol	3.567	13.1	ng	645587	1	7.790	983632	20.0
2-Pentanone, 4-...	4.943	7.4	ng	365362	1	7.790	983632	20.0
Benzophenone	15.784	10.0	ng	993865	3	14.401	1985460	20.0
n-Hexadecanoic ...	18.148	17.4	ng	2180630	4	17.195	2500030	20.0
Octadecanoic acid	19.466	4.5	ng	661535	5	21.642	2960320	20.0
1-Tricosene	21.319	7.6	ng	1119700	5	21.642	2960320	20.0
Squalene	23.501	5.4	ng	830737	6	25.001	3098860	20.0