LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053208.D
Acq On : 19 Apr 2022 23:07
Operator : CG/JU
Sample : N2367-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-041122

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_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.685	384	391	402	rBV	534114	893060	2.55%	0.946%
2	7.283	654	663	678	rBV	587867	1060186	3.03%	1.124%
3	9.280	996	1003	1011	rBV	370108	689846	1.97%	0.731%
4	10.931	1273	1284	1290	rBV	202892	404495	1.16%	0.429%
5	13.369	1690	1699	1707	rBV	965888	1513077	4.32%	1.604%
6	14.743	1921	1933	1939	rBV	310174	515696	1.47%	0.547%
7	16.229	2175	2186	2194	rBV	702062	1128881	3.23%	1.196%
8	17.487	2394	2400	2403	rBV	332775	514737	1.47%	0.546%
9	17.534	2403	2408	2414	rVB	829529	1270266	3.63%	1.346%
10	18.150	2506	2513	2518	rBV	6114084	8371571	23.93%	8.872%
11	18.385	2545	2553	2556	rBV2	387615	762362	2.18%	0.808%
12	18.562	2577	2583	2587	rBV3	237625	450794	1.29%	0.478%
13	19.308	2699	2710	2712	rBV	17866475	34987452	100.00%	37.080%
14	19.337	2712	2715	2723	rVB2	15486890	22043792	63.00%	23.362%
15	19.443	2728	2733	2738	rVV	3291721	4513283	12.90%	4.783%
16	19.502	2740	2743	2745	rVV	421885	654399	1.87%	0.694%
17	19.549	2745	2751	2758	rVB	1789687	3235207	9.25%	3.429%
18	19.907	2801	2812	2820	rBV	1364581	2499611	7.14%	2.649%
19	20.095	2839	2844	2849	rVB	1254825	1679461	4.80%	1.780%
20	20.394	2891	2895	2908	rVB3	355608	790662	2.26%	0.838%
21	21.763	3122	3128	3135	rBV3	880069	2039693	5.83%	2.162%
22	21.828	3135	3139	3152	rVB	701742	1302733	3.72%	1.381%
23	24.048	3509	3517	3523	rBV2	405487	1360185	3.89%	1.442%
24	24.794	3638	3644	3657	rVB2	219475	648796	1.85%	0.688%
25	24.941	3662	3669	3683	rVB2	312333	1027587	2.94%	1.089%

Sum of corrected areas: 94357832

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Instrument :
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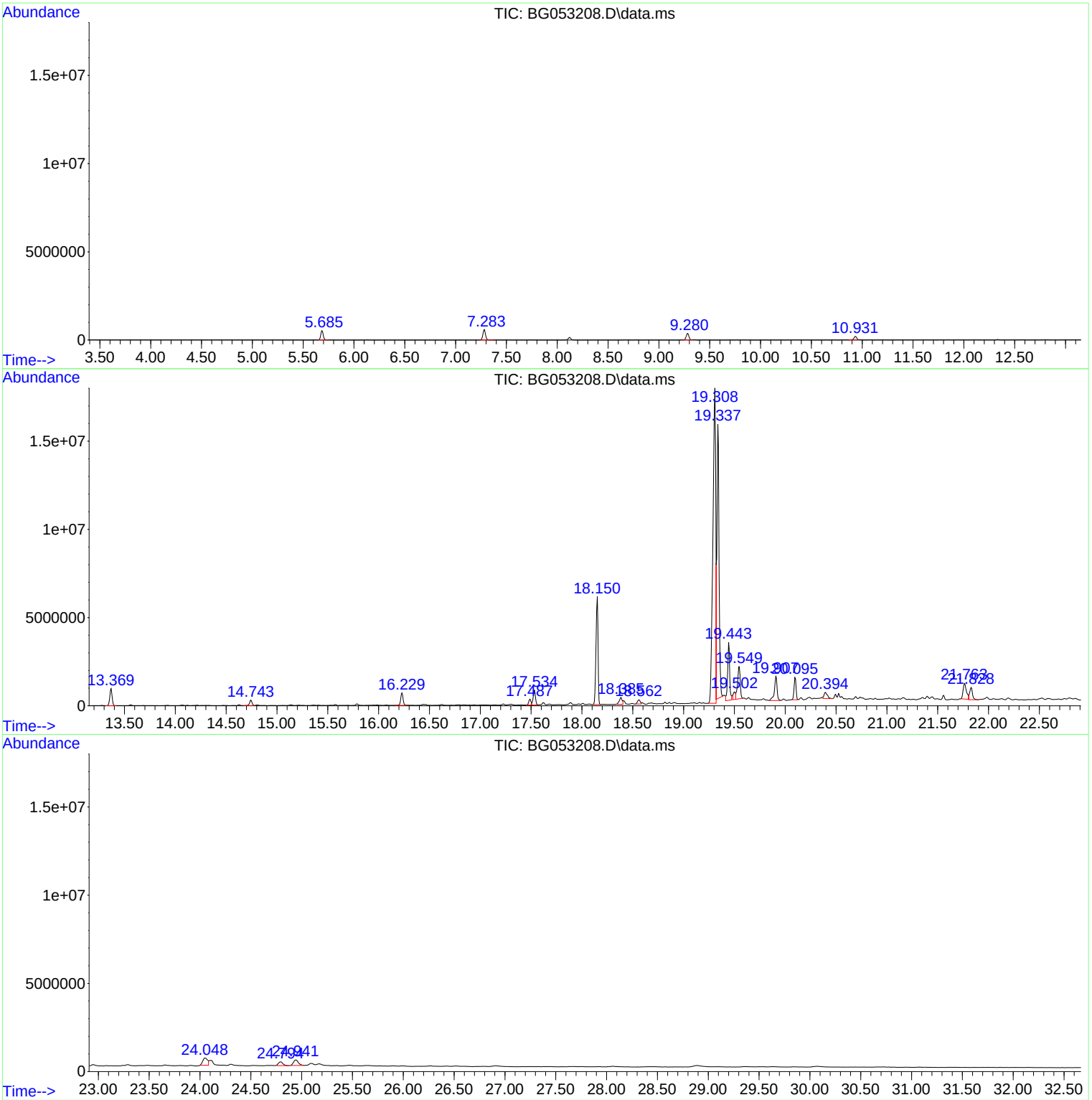
ClientSampleId :
AU-05-041122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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_G\Data\BG041922\
Data File : BG053208.D
Acq On : 19 Apr 2022 23:07
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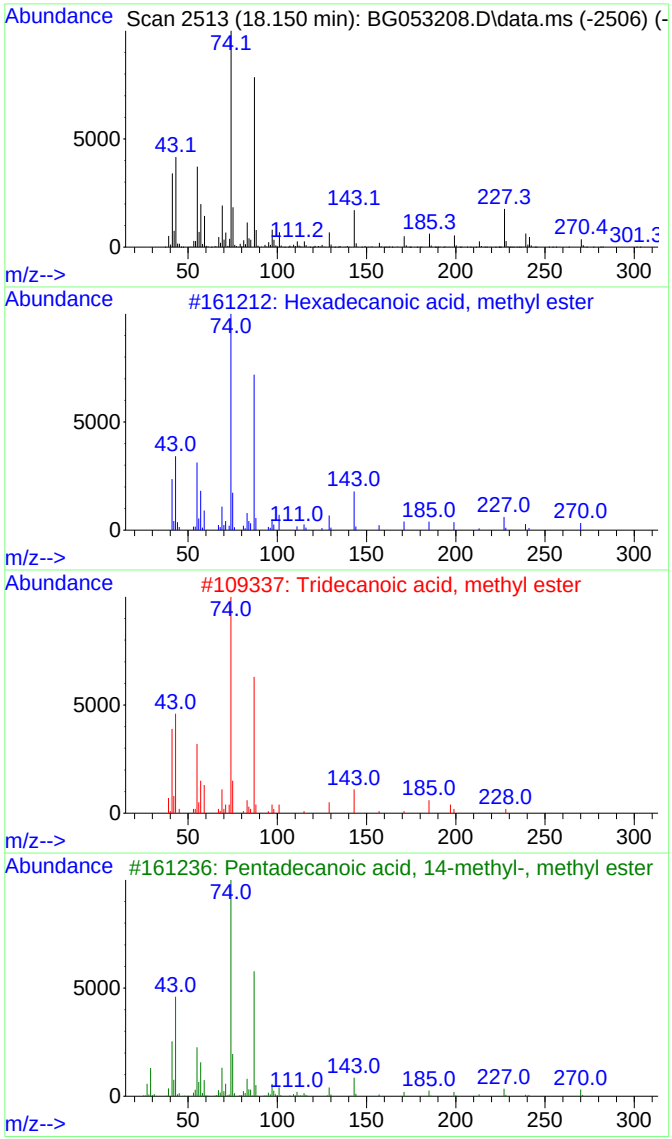
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

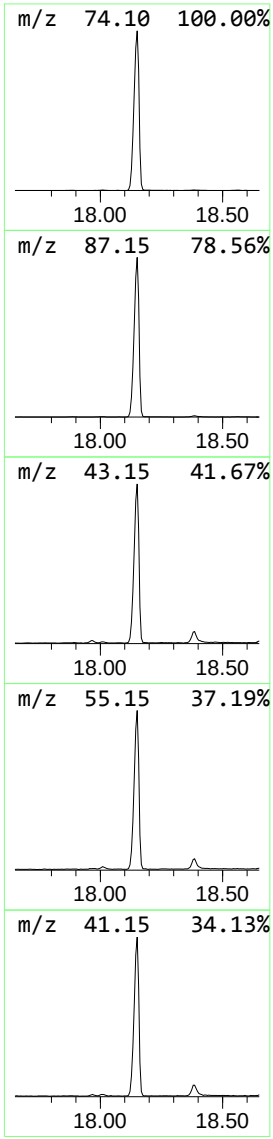
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.150	325.28 ng	8371570	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83





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Data File : BG053208.D
Acq On : 19 Apr 2022 23:07
Operator : CG/JU
Sample : N2367-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-041122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

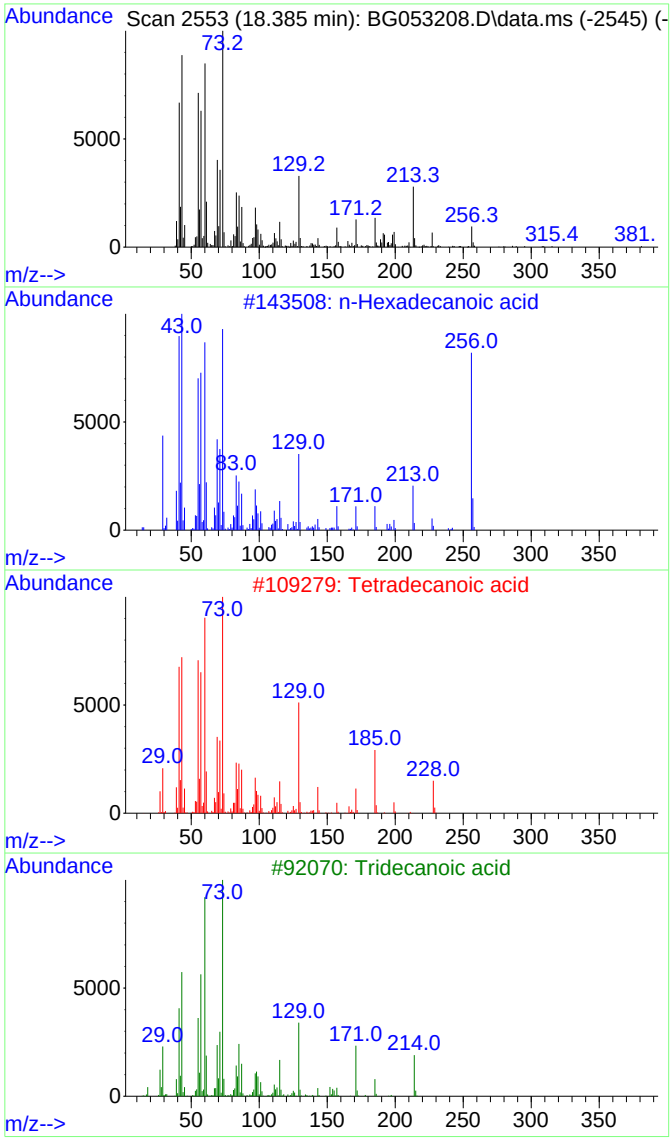
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

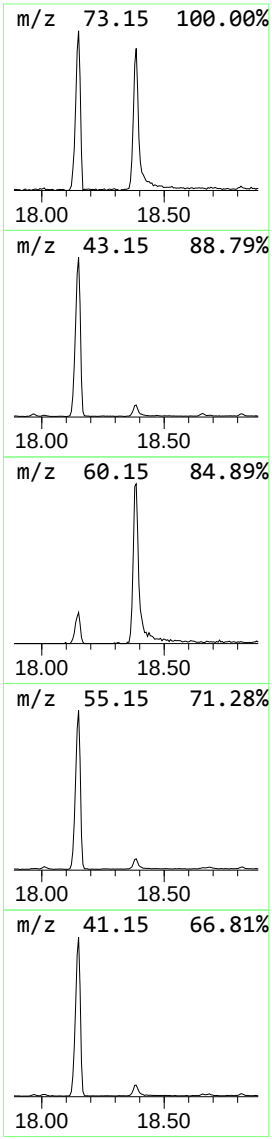
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	29.62 ng	762362	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Nonanoic acid	158	C9H18O2	000112-05-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053208.D
Acq On : 19 Apr 2022 23:07
Operator : CG/JU
Sample : N2367-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-041122

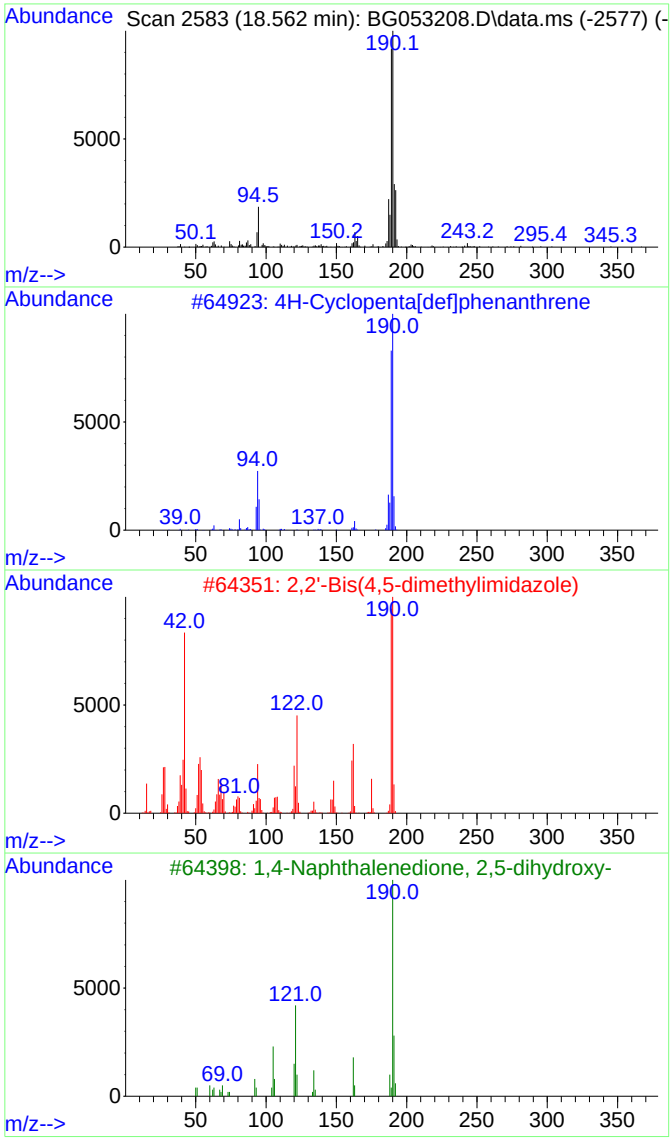
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

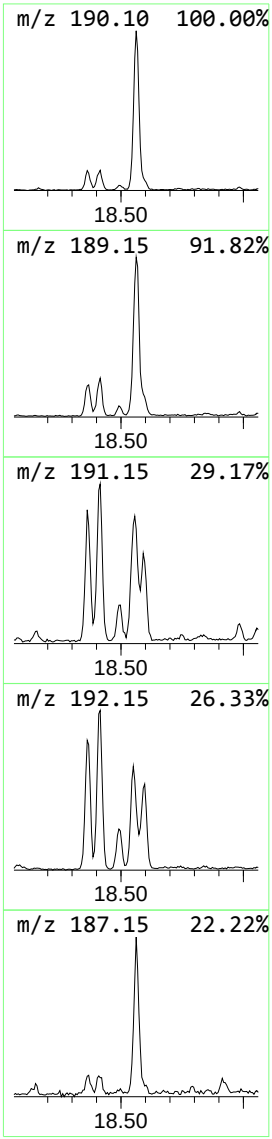
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.562	17.52 ng	450794	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1-Aminocyclopentanecarboxylic ac...	297	C11H17Cl2NO4	1000329-17-6	27





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-041122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

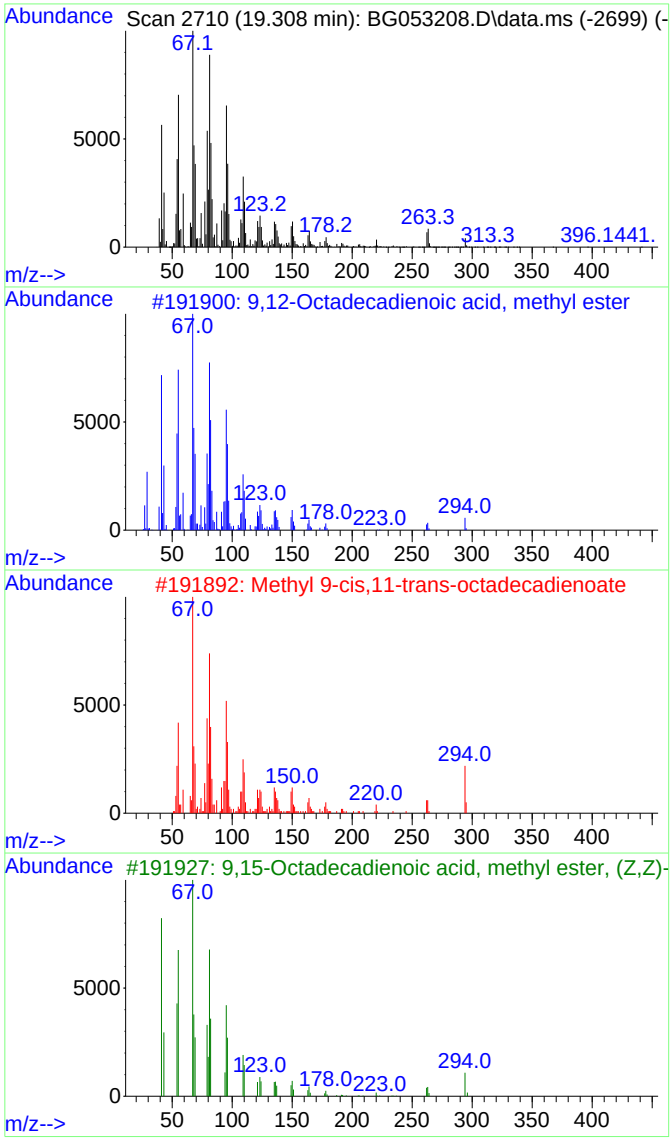
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

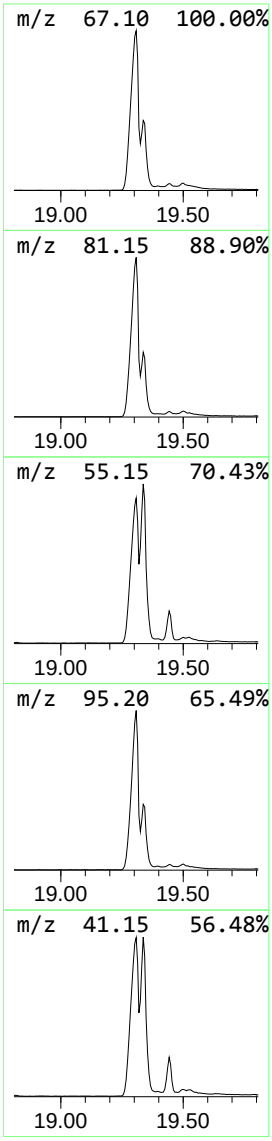
****

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.308	1359.43 ng	34987500	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Sample : N2367-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

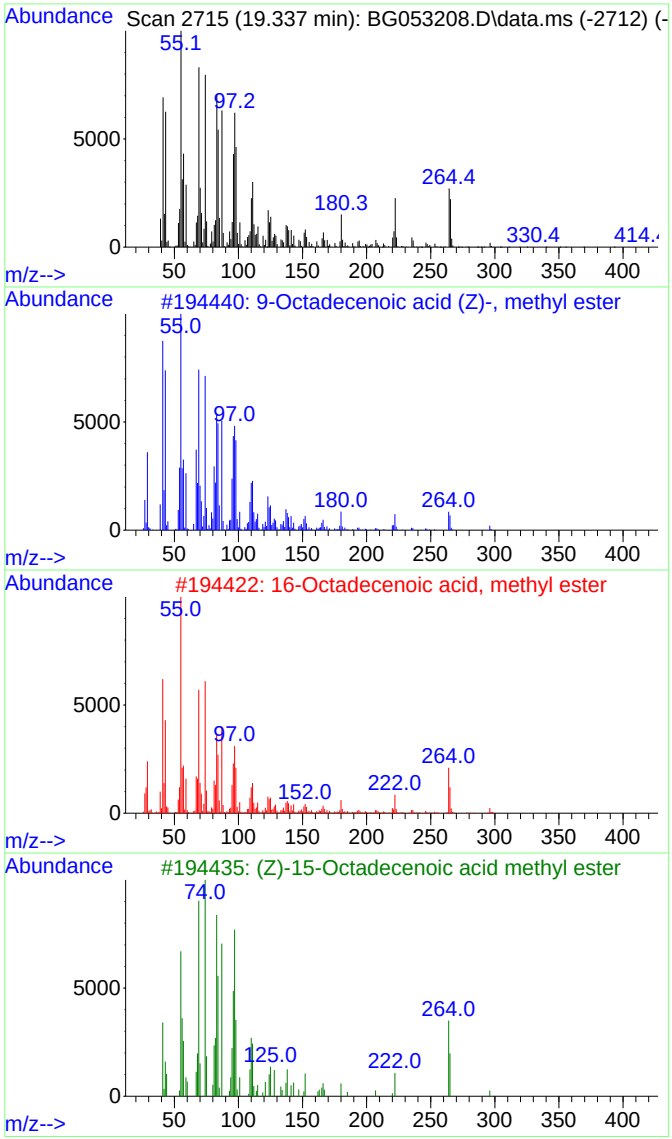
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

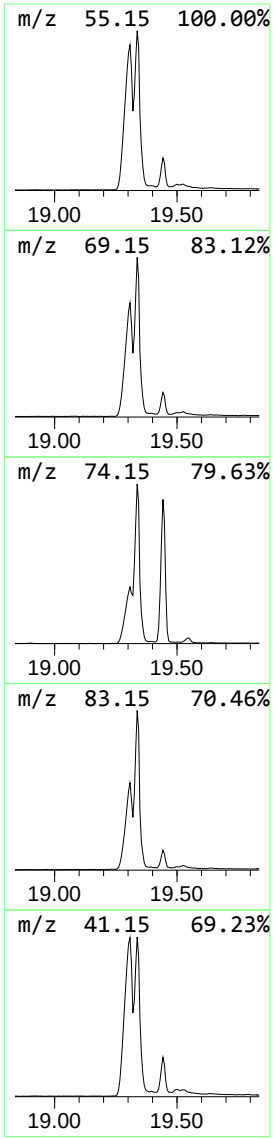
****

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.337	856.51 ng	22043800	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90





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BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

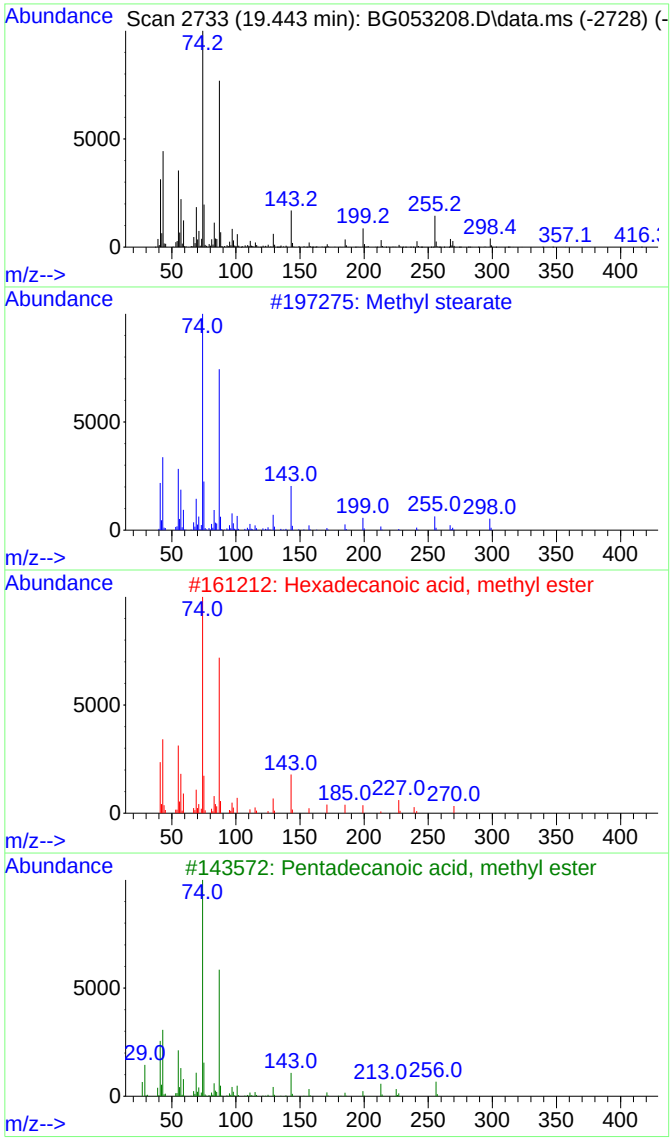
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

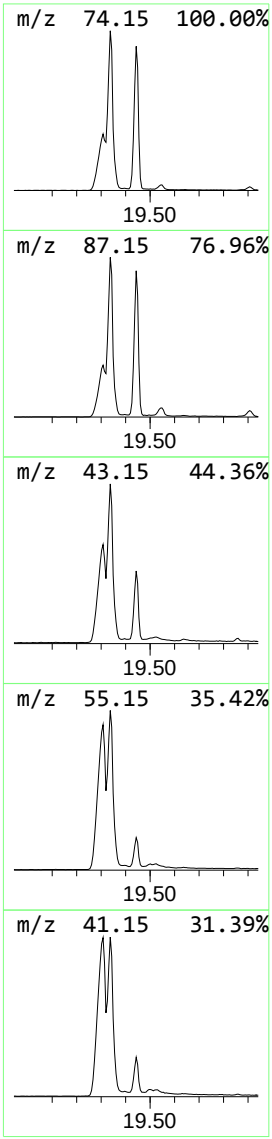
****

Peak Number 6 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.443	175.36 ng	4513280	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

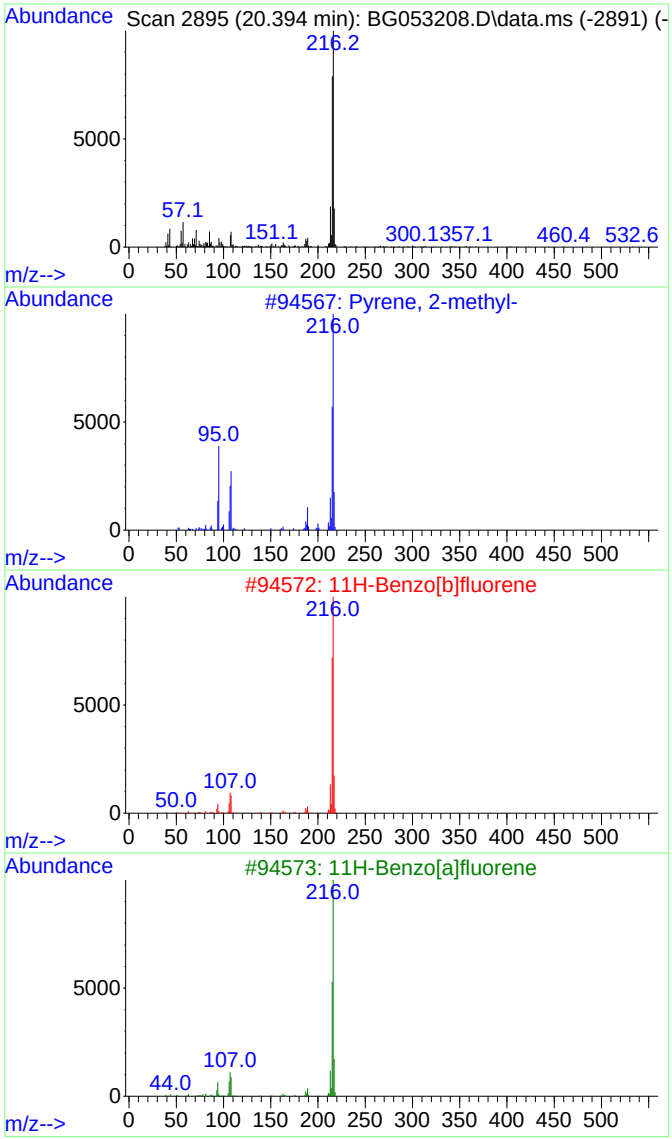
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

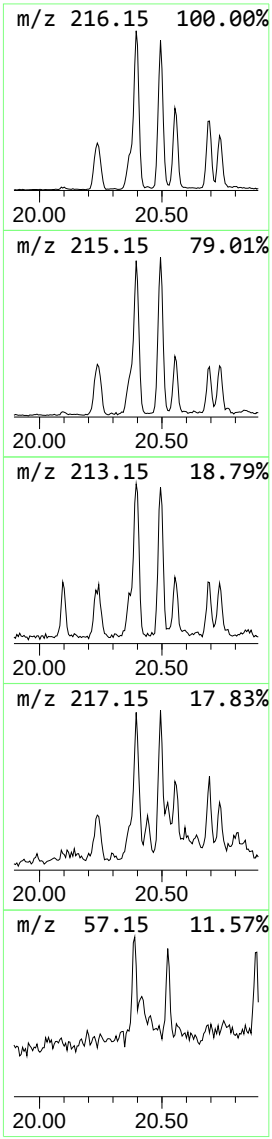
****

Peak Number 7 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.394	7.75 ng	790662	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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

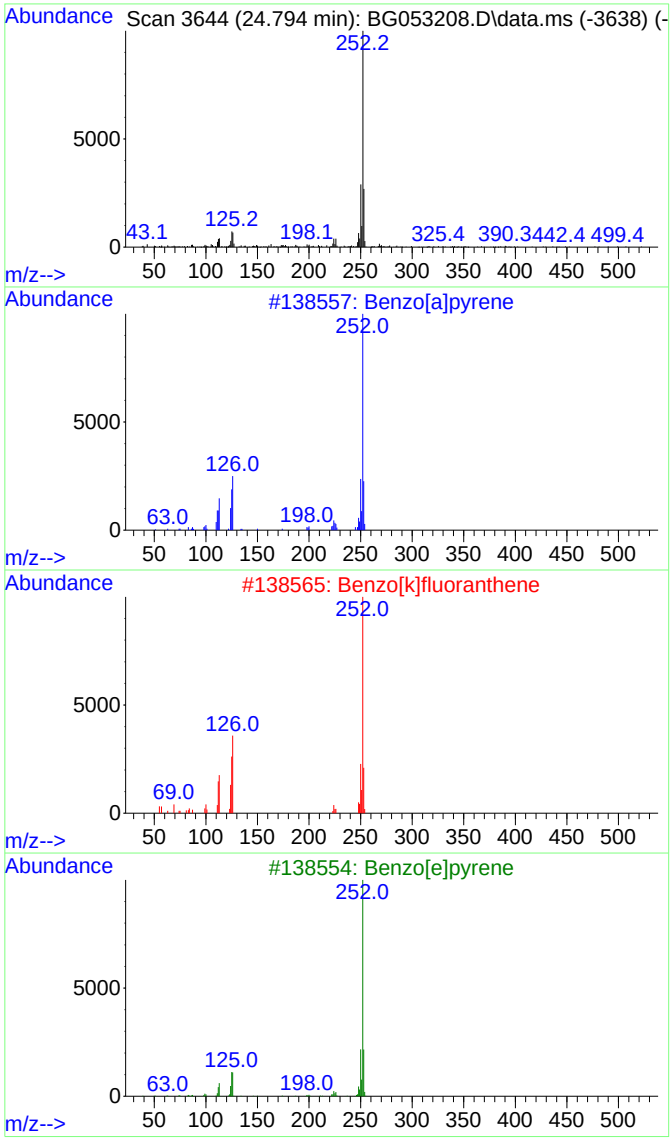
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

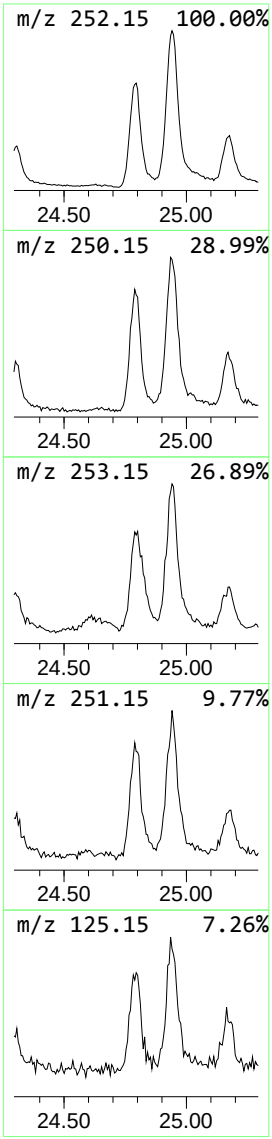
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.794	12.63 ng	648796	Perylene-d12	25.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	81





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
Hexadecanoic ac...	18.150	325.3	ng	8371570	4	17.487	514737	20.0
n-Hexadecanoic ...	18.385	29.6	ng	762362	4	17.487	514737	20.0
4H-Cyclopenta[d...	18.562	17.5	ng	450794	4	17.487	514737	20.0
9,12-Octadecadi...	19.308	1359.4	ng	34987500	4	17.487	514737	20.0
9-Octadecenoic ...	19.337	856.5	ng	22043800	4	17.487	514737	20.0
Methyl stearate	19.443	175.4	ng	4513280	4	17.487	514737	20.0
Pyrene, 2-methyl-	20.394	7.8	ng	790662	5	21.781	2039690	20.0
Benzo[e]pyrene	24.794	12.6	ng	648796	6	25.100	1027590	20.0