LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

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\8270-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	390	397	409	rBV	2098476	3045867	45.16%	4.241%
2	6.787	656	663	678	rBV	2133301	3372062	50.00%	4.695%
3	7.605	795	802	812	rBV	1205735	1861437	27.60%	2.592%
4	7.922	849	856	864	rBV	1876676	2973041	44.08%	4.139%
5	8.746	986	996	1011	rBV	1430530	2293305	34.00%	3.193%
6	10.375	1265	1273	1279	rBV	1546070	2673059	39.63%	3.722%
7	10.428	1279	1282	1291	rVB	68916	108347	1.61%	0.151%
8	12.869	1690	1697	1710	rBV	3386250	5033614	74.63%	7.008%
9	13.710	1833	1840	1850	rBV	326824	481762	7.14%	0.671%
10	13.969	1879	1884	1890	rVB	43505	72728	1.08%	0.101%
11	14.251	1925	1932	1938	rBV	2386522	3571113	52.95%	4.972%
12	14.310	1938	1942	1950	rVB	157084	242639	3.60%	0.338%
13	14.651	1994	2000	2006	rBV	62111	100180	1.49%	0.139%
14	15.304	2106	2111	2117	rBV	132632	193755	2.87%	0.270%
15	15.745	2178	2186	2197	rBV	2457685	3488667	51.73%	4.857%
16	16.822	2365	2369	2375	rVB	75923	105746	1.57%	0.147%
17	17.004	2394	2400	2404	rBV	2708236	3997298	59.27%	5.565%
18	17.045	2404	2407	2413	rVB	1327261	1865085	27.65%	2.597%
19	17.140	2418	2423	2429	rVV	413206	585360	8.68%	0.815%
20	17.410	2460	2469	2475	rBV	212426	331315	4.91%	0.461%
21	17.881	2544	2549	2553	rBV	165131	247409	3.67%	0.344%
22	17.934	2553	2558	2565	rVV2	305883	470872	6.98%	0.656%
23	18.004	2566	2570	2575	rVV2	83180	130149	1.93%	0.181%
24	18.069	2576	2581	2585	rVV2	267439	435385	6.46%	0.606%
25	18.110	2585	2588	2592	rVB	96834	128787	1.91%	0.179%
26	18.375	2629	2633	2635	rBV	107886	135212	2.00%	0.188%
27	18.404	2635	2638	2646	rVB2	92176	135113	2.00%	0.188%
28	18.781	2697	2702	2706	rBV	83532	135852	2.01%	0.189%
29	18.845	2708	2713	2716	rVV3	60329	102021	1.51%	0.142%
30	18.904	2719	2723	2734	rVB5	80017	155939	2.31%	0.217%
31	18.998	2735	2739	2741	rVV	254470	334442	4.96%	0.466%
32	19.034	2741	2745	2752	rVB	1990516	2660243	39.44%	3.704%
33	19.269	2782	2785	2790	rVB	55660	67809	1.01%	0.094%
34	19.381	2796	2804	2809	rBV	1876404	2929688	43.44%	4.079%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

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\8270-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.457	2813	2817	2823	rVB2	67935	117199	1.74%	0.163%
36	19.592	2835	2840	2852	rVB	5494301	6744567	100.00%	9.390%
37	19.704	2854	2859	2864	rBV4	99051	234238	3.47%	0.326%
38	19.839	2878	2882	2884	rBV2	89012	134929	2.00%	0.188%
39	19.869	2884	2887	2892	rVB2	235353	317482	4.71%	0.442%
40	19.969	2900	2904	2908	rBV	183075	207292	3.07%	0.289%
41	20.022	2909	2913	2917	rVV2	171738	241886	3.59%	0.337%
42	20.063	2917	2920	2924	rVB	60092	75171	1.11%	0.105%
43	20.157	2933	2936	2940	rBV2	96320	123253	1.83%	0.172%
44	20.204	2941	2944	2948	rVB	92863	112672	1.67%	0.157%
45	20.598	3008	3011	3017	rVB	111242	174193	2.58%	0.243%
46	20.798	3042	3045	3048	rVB	136259	137257	2.04%	0.191%
47	20.857	3048	3055	3058	rBV3	495175	824375	12.22%	1.148%
48	21.057	3087	3089	3091	rBV2	73598	84983	1.26%	0.118%
49	21.110	3091	3098	3101	rVV2	3532400	5771204	85.57%	8.035%
50	21.145	3101	3104	3111	rVB	998153	1254496	18.60%	1.747%
51	21.257	3120	3123	3127	rBV	167319	221448	3.28%	0.308%
52	21.410	3147	3149	3155	rVB2	133017	170421	2.53%	0.237%
53	21.733	3201	3204	3212	rVB3	180240	283557	4.20%	0.395%
54	22.192	3279	3282	3286	rVB	183529	213102	3.16%	0.297%
55	22.657	3356	3361	3365	rBV2	706768	1515054	22.46%	2.109%
56	22.698	3365	3368	3372	rVB2	601354	862043	12.78%	1.200%
57	23.122	3436	3440	3449	rVB	490246	908687	13.47%	1.265%
58	23.216	3451	3456	3461	rBV	667243	1186376	17.59%	1.652%
59	23.316	3467	3473	3479	rVB	2046270	3491738	51.77%	4.862%
60	23.921	3571	3576	3582	rVB	373293	677925	10.05%	0.944%
61	25.804	3891	3896	3905	rVB5	496505	1272847	18.87%	1.772%

Sum of corrected areas: 71823696

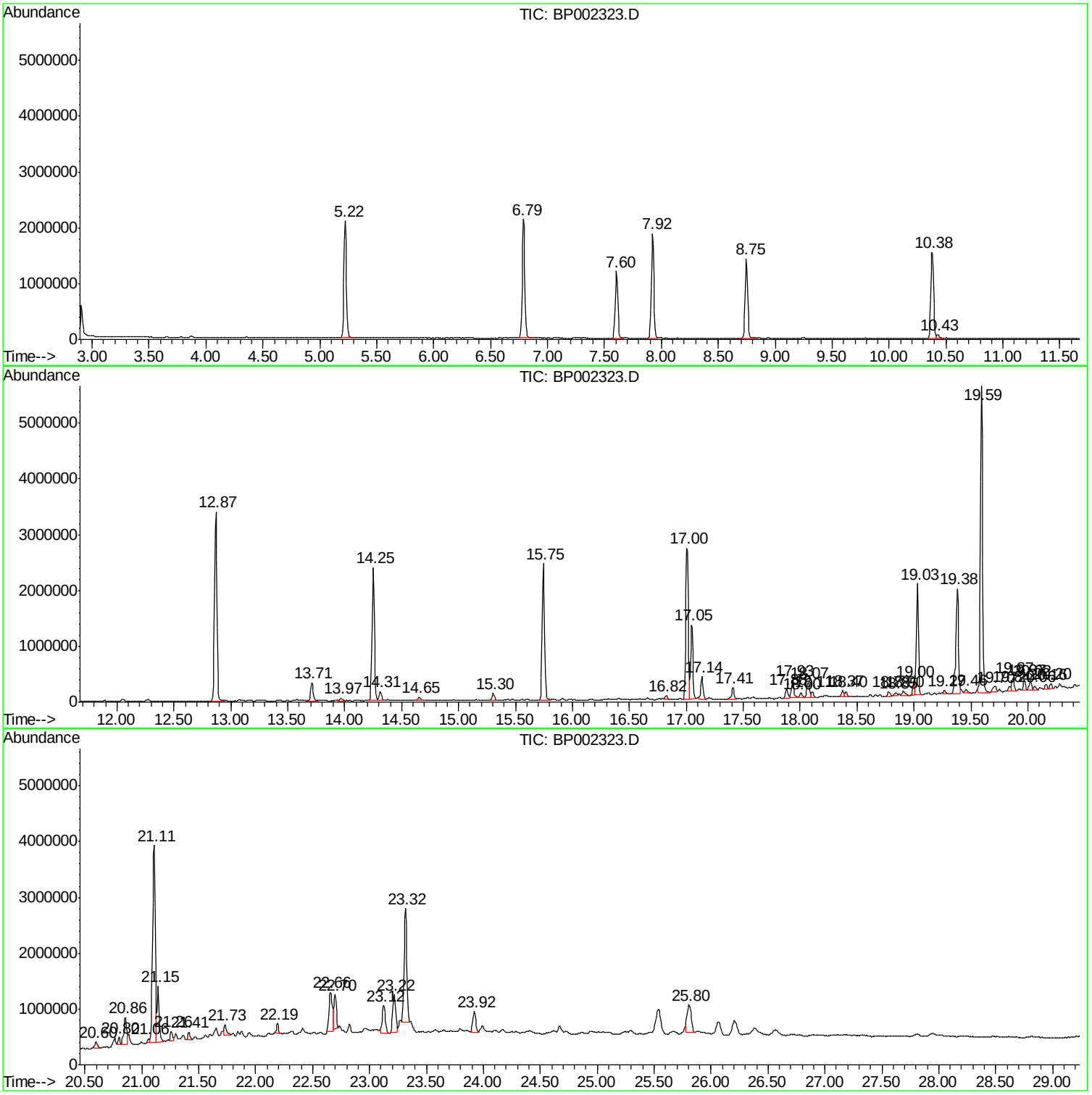
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

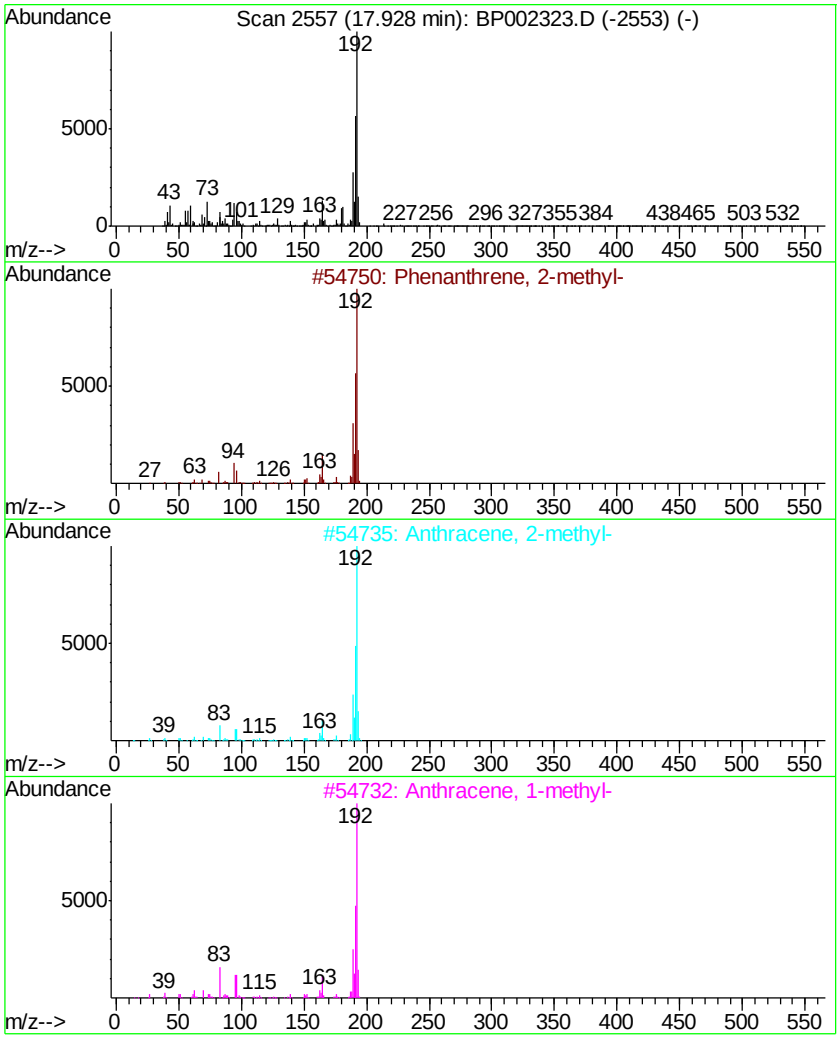
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

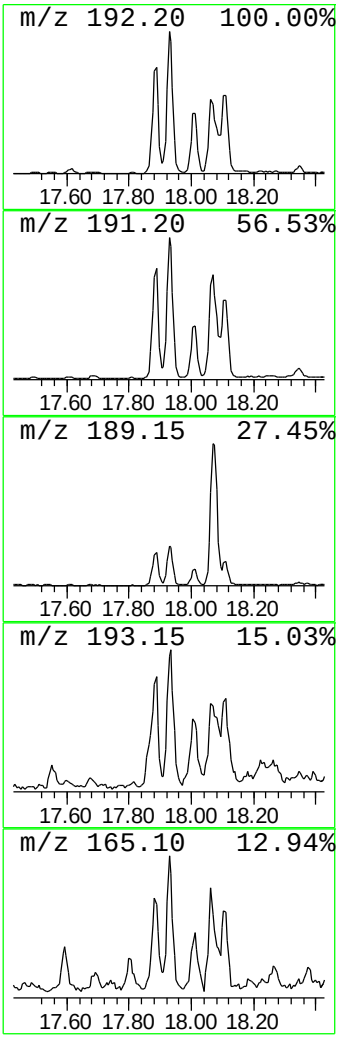
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.36 ng	470872	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

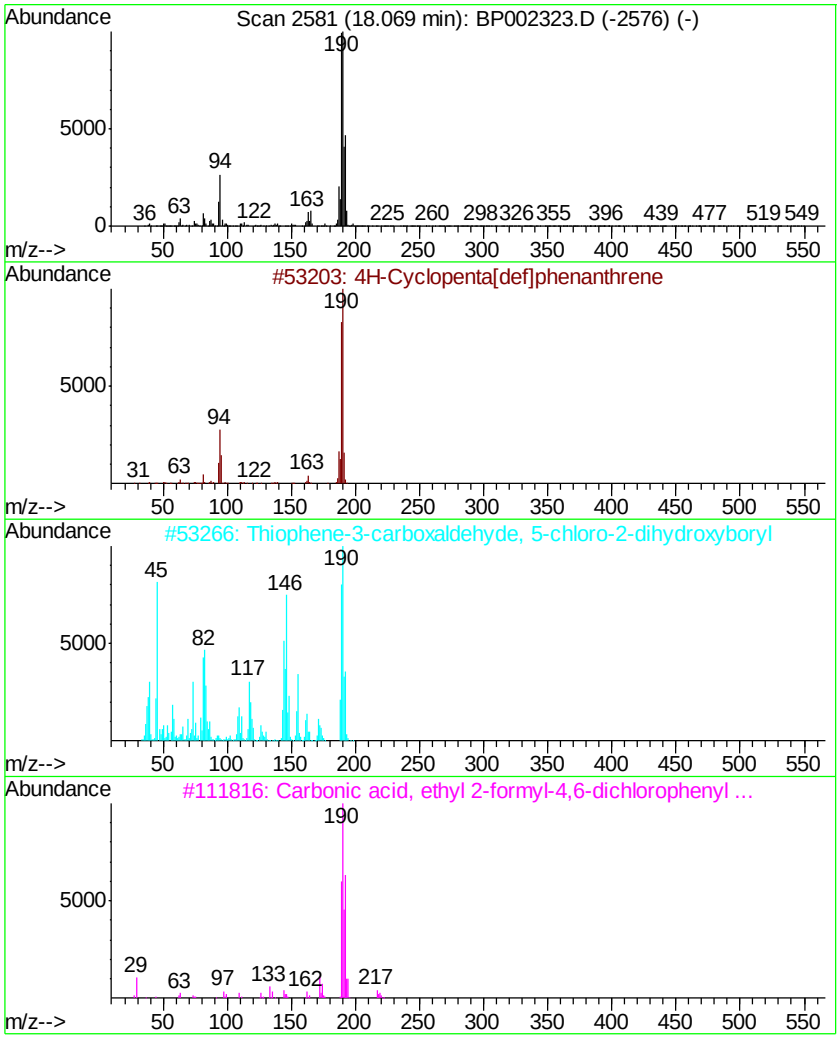
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

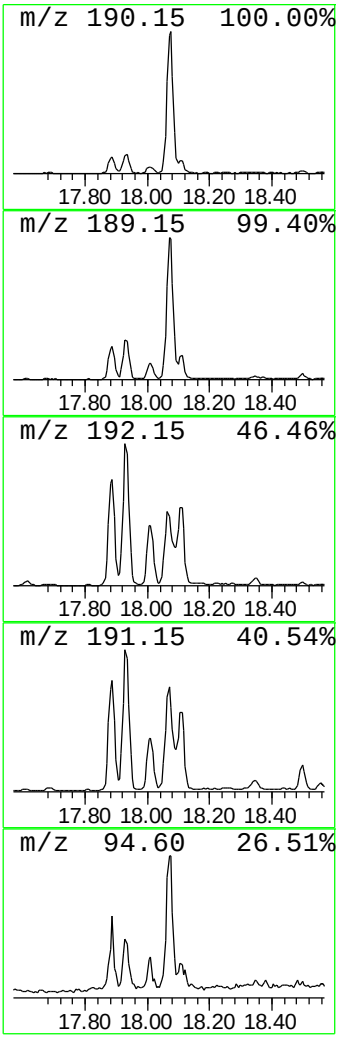
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.18 ng	435385	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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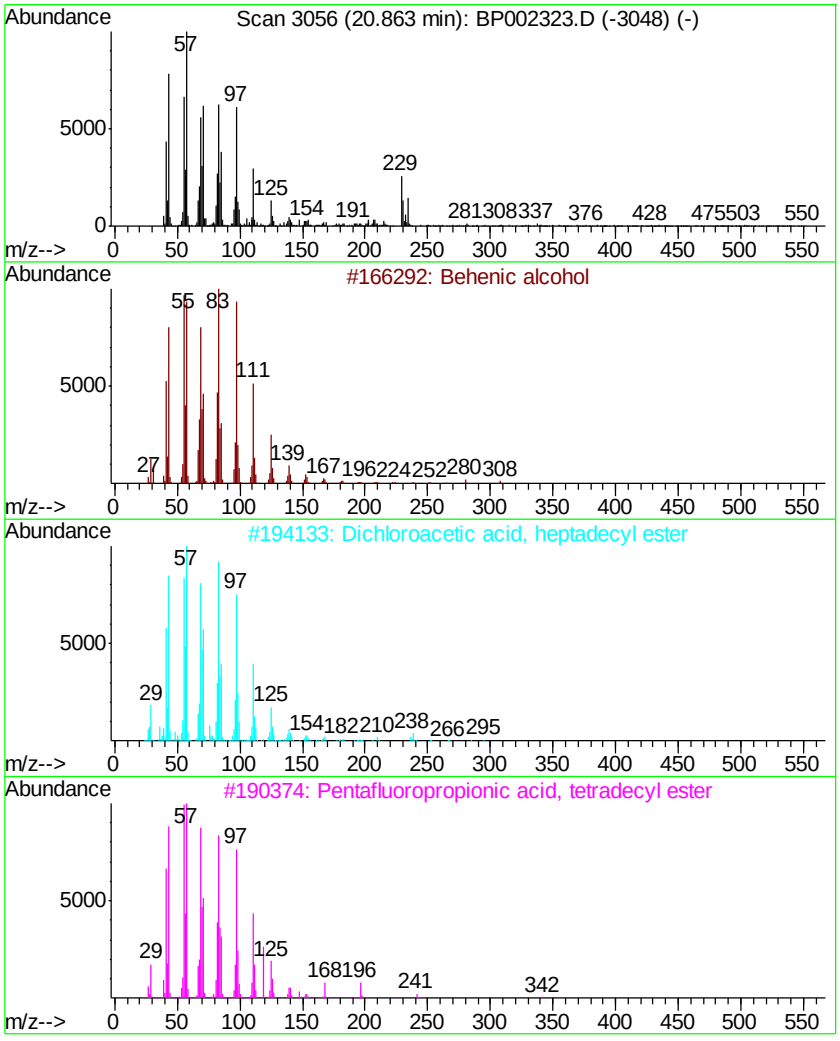
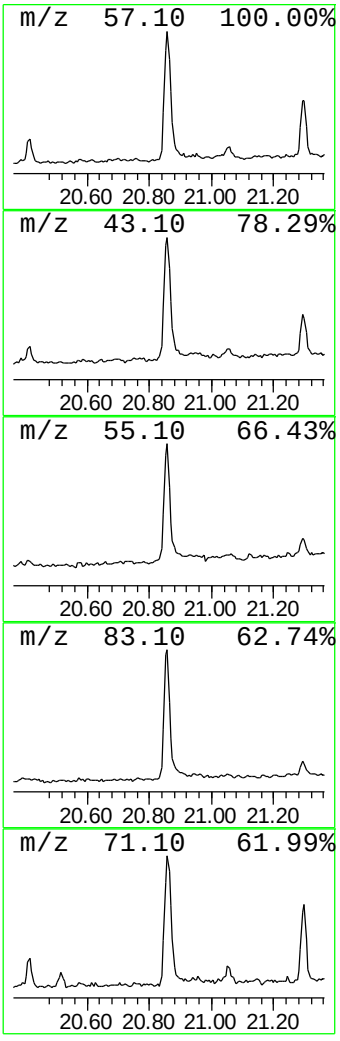
Peak Number 4 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.86 ng	824375	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	1-Triacontanol	438	C30H62O	000593-50-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

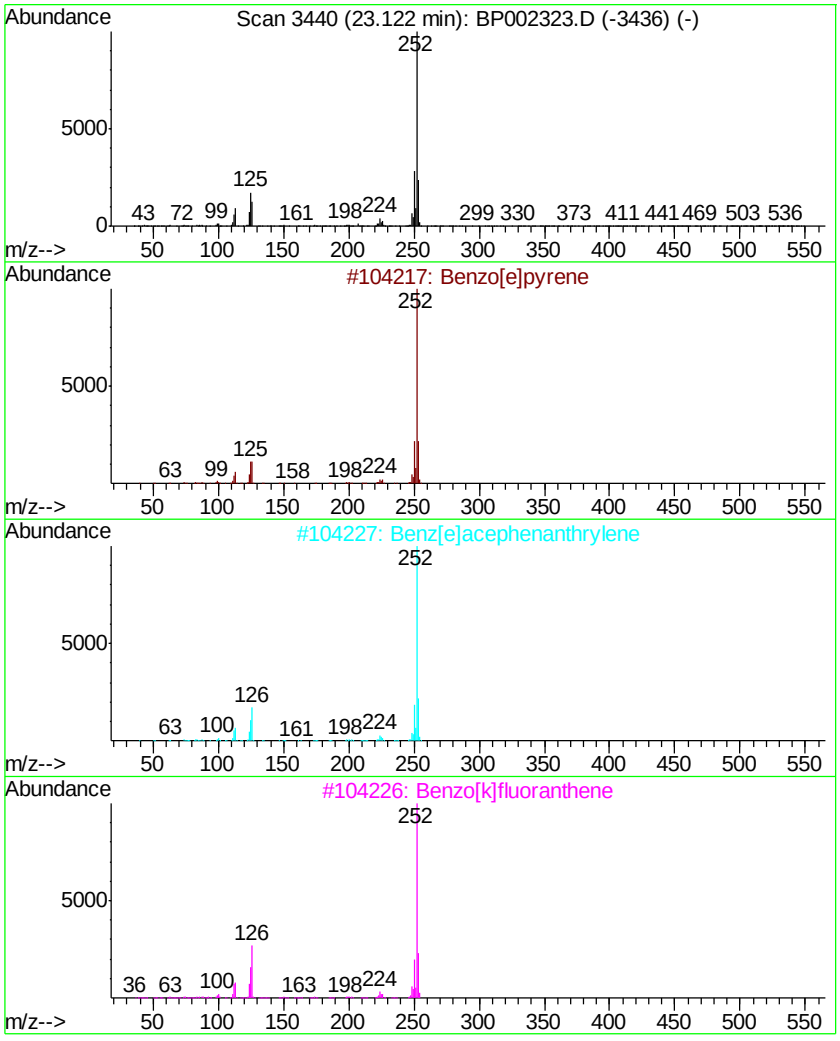
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

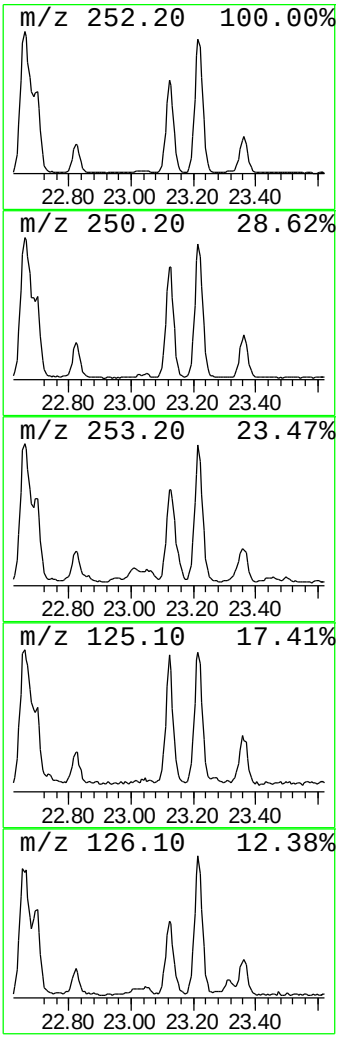
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	5.20 ng	908687	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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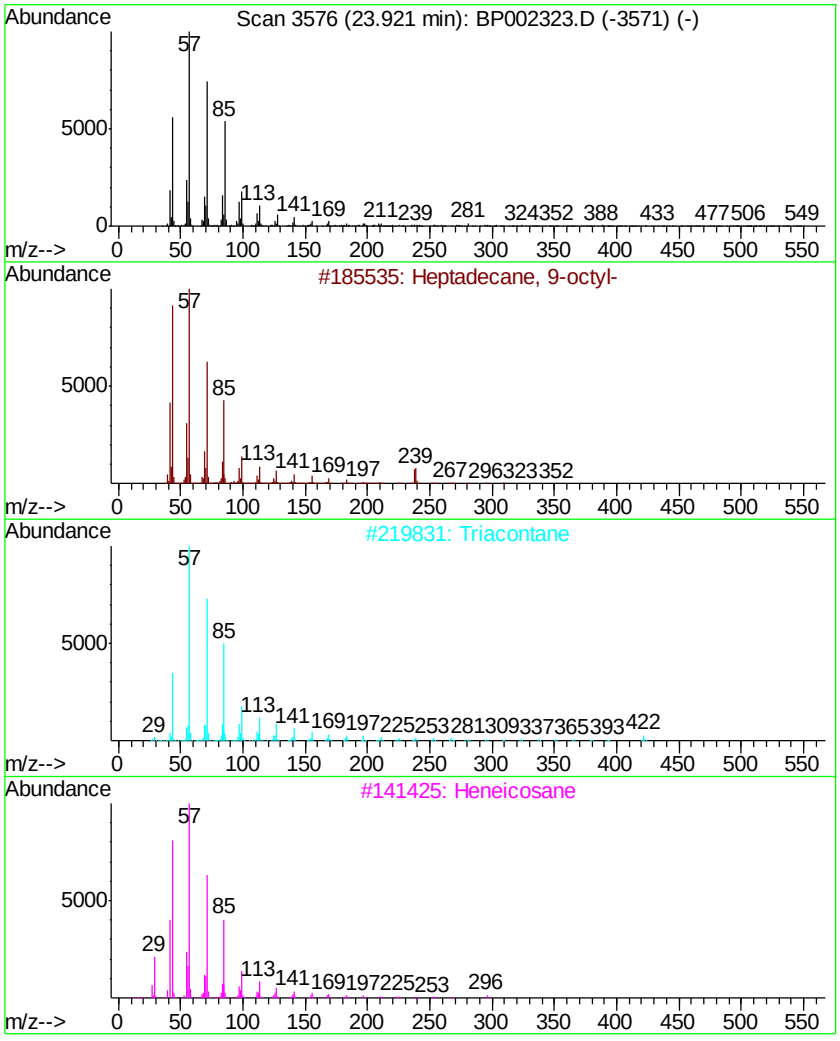
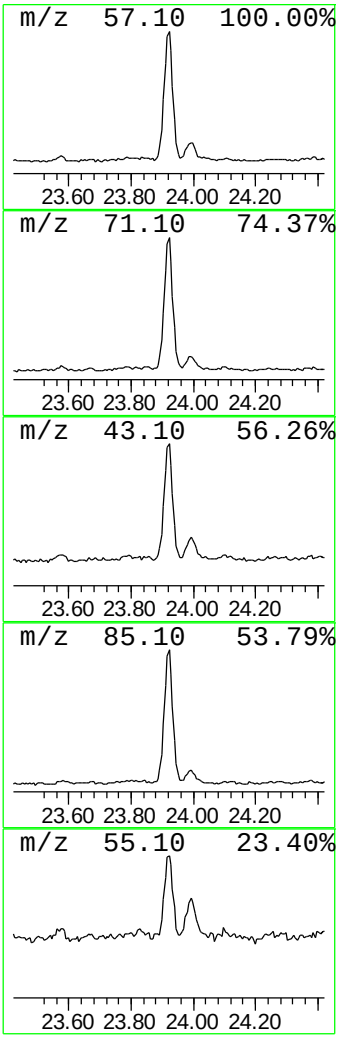
Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.88 ng	677925	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Triacontane	422	C30H62	000638-68-6	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

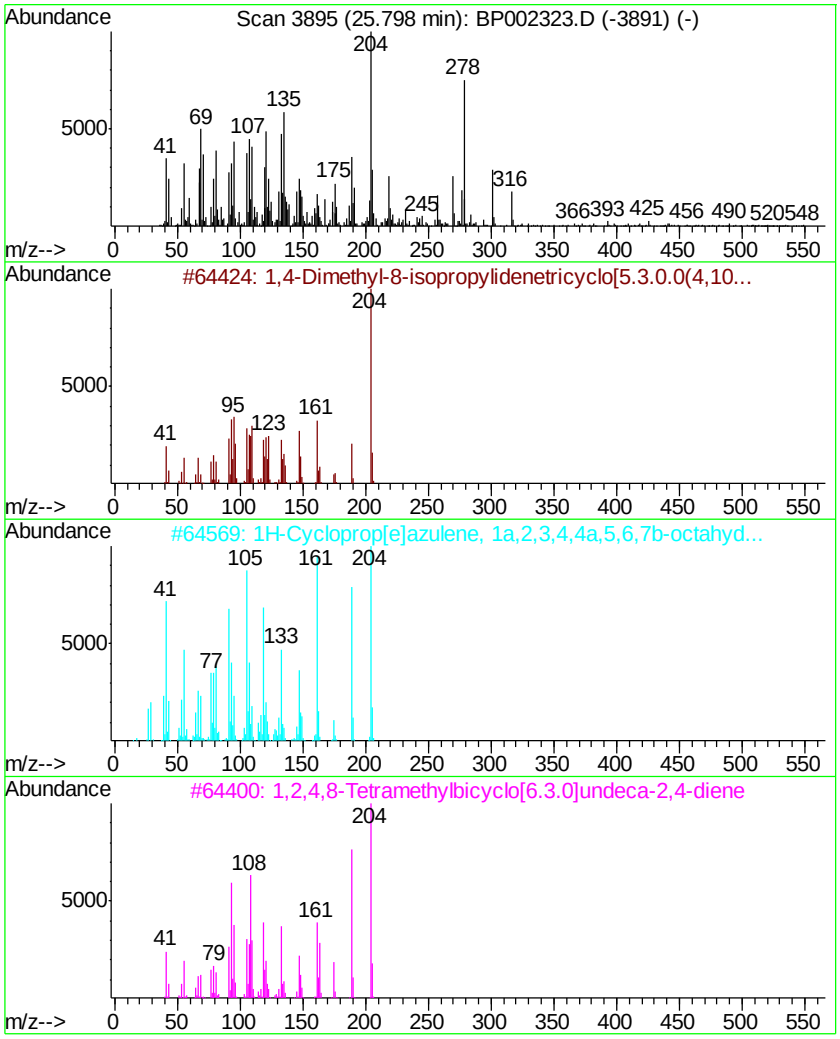
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

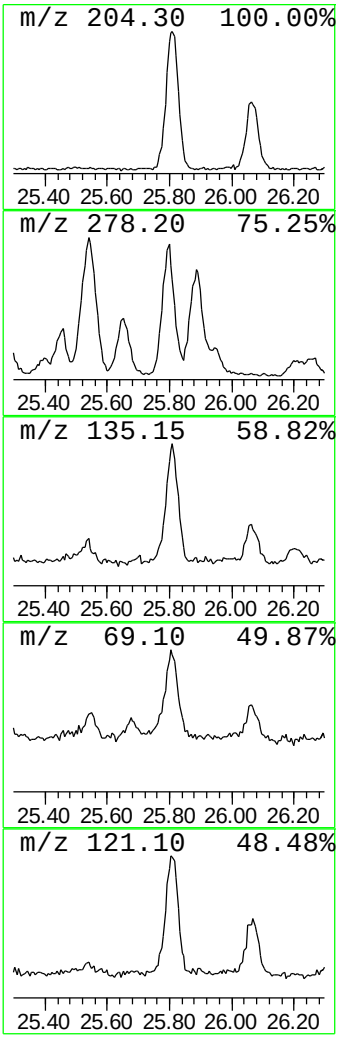
****

Peak Number 7 1,4-Dimethyl-8-isopropylide... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	7.29 ng	1272850	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	56
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	41
5	Guaia-3,9-diene	204	C15H24	000489-83-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NMDUP02-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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
Phenanthrene, 2-m...	17.93	2.4	ng	470872	4	17.00	3997300	20.0
4H-Cyclopenta[def...	18.07	2.2	ng	435385	4	17.00	3997300	20.0
Behenic alcohol	20.86	2.9	ng	824375	5	21.11	5771200	20.0
Benzo[e]pyrene	23.12	5.2	ng	908687	6	23.32	3491740	20.0
Heptadecane, 9-oc...	23.92	3.9	ng	677925	6	23.32	3491740	20.0
1,4-Dimethyl-8-is...	25.80	7.3	ng	1272850	6	23.32	3491740	20.0