LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	320	327	337	rBV	72297	117278	4.98%	0.561%
2	5.685	401	408	420	rBV	552645	921039	39.08%	4.402%
3	7.295	674	682	699	rBV	564802	986257	41.85%	4.714%
4	8.147	820	827	834	rBV	142260	238799	10.13%	1.141%
5	9.322	1019	1027	1040	rBV	326478	611241	25.94%	2.921%
6	10.973	1300	1308	1314	rBV	198208	361163	15.33%	1.726%
7	13.405	1714	1722	1735	rBV	953018	1541208	65.40%	7.366%
8	14.780	1945	1956	1962	rBV	322437	511328	21.70%	2.444%
9	14.845	1962	1967	1973	rVB	60246	93303	3.96%	0.446%
10	15.174	2015	2023	2030	rBV	25331	38619	1.64%	0.185%
11	15.820	2128	2133	2140	rVB	50117	78541	3.33%	0.375%
12	16.261	2202	2208	2220	rBV	743061	1193187	50.63%	5.703%
13	16.355	2220	2224	2233	rVB3	12947	23787	1.01%	0.114%
14	17.172	2359	2363	2371	rVB	17336	27878	1.18%	0.133%
15	17.342	2388	2392	2400	rVB	21035	31455	1.33%	0.150%
16	17.524	2416	2423	2427	rBV	410423	663205	28.14%	3.170%
17	17.565	2427	2430	2437	rVV	518652	768731	32.62%	3.674%
18	17.659	2437	2446	2451	rVV	122606	201509	8.55%	0.963%
19	17.924	2480	2491	2500	rBV2	51400	100061	4.25%	0.478%
20	18.400	2562	2572	2576	rBV	45806	73606	3.12%	0.352%
21	18.447	2576	2580	2587	rVB2	63386	100444	4.26%	0.480%
22	18.523	2588	2593	2599	rVB	25306	40240	1.71%	0.192%
23	18.599	2599	2606	2610	rBV3	90637	175654	7.45%	0.840%
24	18.893	2650	2656	2659	rBV	41217	60653	2.57%	0.290%
25	18.934	2659	2663	2671	rVB	37050	56777	2.41%	0.271%
26	19.304	2720	2726	2731	rBV3	24428	46483	1.97%	0.222%
27	19.451	2746	2751	2758	rVB2	24821	43473	1.84%	0.208%
28	19.575	2765	2772	2778	rBV	856907	1241254	52.67%	5.933%
29	19.669	2784	2788	2792	rVB	20146	27907	1.18%	0.133%
30	19.816	2807	2813	2821	rVV2	28502	63556	2.70%	0.304%
31	19.904	2821	2828	2829	rVV	145678	219142	9.30%	1.047%
32	19.933	2829	2833	2840	rVV	707479	1068087	45.32%	5.105%
33	19.998	2840	2844	2851	rVB	34137	57394	2.44%	0.274%
34	20.127	2858	2866	2871	rBV	1695116	2356524	100.00%	11.263%
35	20.168	2871	2873	2880	rVB	37495	56942	2.42%	0.272%
36	20.250	2881	2887	2888	rBV3	39822	61745	2.62%	0.295%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.385	2904	2910	2911	rBV3	37624	57769	2.45%	0.276%
38	20.421	2911	2916	2921	rVB	94383	159205	6.76%	0.761%
39	20.521	2928	2933	2936	rBV	67436	92789	3.94%	0.443%
40	20.579	2936	2943	2947	rVV2	47733	93201	3.96%	0.445%
41	20.615	2947	2949	2953	rVB2	26701	30775	1.31%	0.147%
42	20.720	2963	2967	2970	rBV2	31181	40965	1.74%	0.196%
43	20.767	2970	2975	2978	rBV3	38275	56724	2.41%	0.271%
44	21.190	3043	3047	3056	rVV	41842	74768	3.17%	0.357%
45	21.384	3073	3080	3083	rBV2	45723	95665	4.06%	0.457%
46	21.425	3083	3087	3092	rVV2	216590	337016	14.30%	1.611%
47	21.478	3092	3096	3101	rVV2	67769	135920	5.77%	0.650%
48	21.537	3101	3106	3111	rVB2	53544	97759	4.15%	0.467%
49	21.678	3126	3130	3136	rVB2	36248	54278	2.30%	0.259%
50	21.813	3140	3153	3158	rVV2	509392	1420936	60.30%	6.791%
51	21.866	3158	3162	3175	rVB	286262	521548	22.13%	2.493%
52	22.025	3184	3189	3197	rVB	65917	127118	5.39%	0.608%
53	22.236	3221	3225	3232	rVB3	39578	82723	3.51%	0.395%
54	24.110	3535	3544	3551	rBV	203704	690360	29.30%	3.300%
55	24.375	3584	3589	3597	rVB2	37466	91436	3.88%	0.437%
56	24.868	3666	3673	3686	rVB	125993	371756	15.78%	1.777%
57	25.021	3690	3699	3714	rVB	182243	558197	23.69%	2.668%
58	25.186	3717	3727	3736	rBV2	234010	750078	31.83%	3.585%
59	29.052	4374	4385	4408	rVB3	78104	425622	18.06%	2.034%
60	30.268	4578	4592	4606	rVB3	59117	297392	12.62%	1.421%

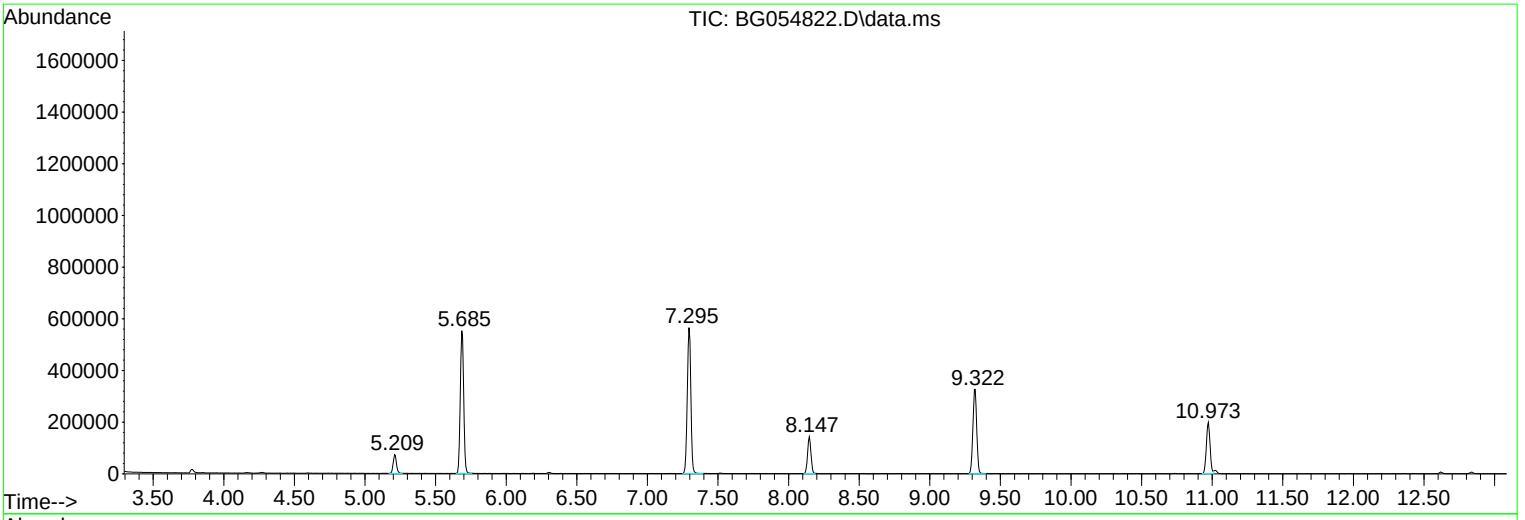
Sum of corrected areas: 20922470

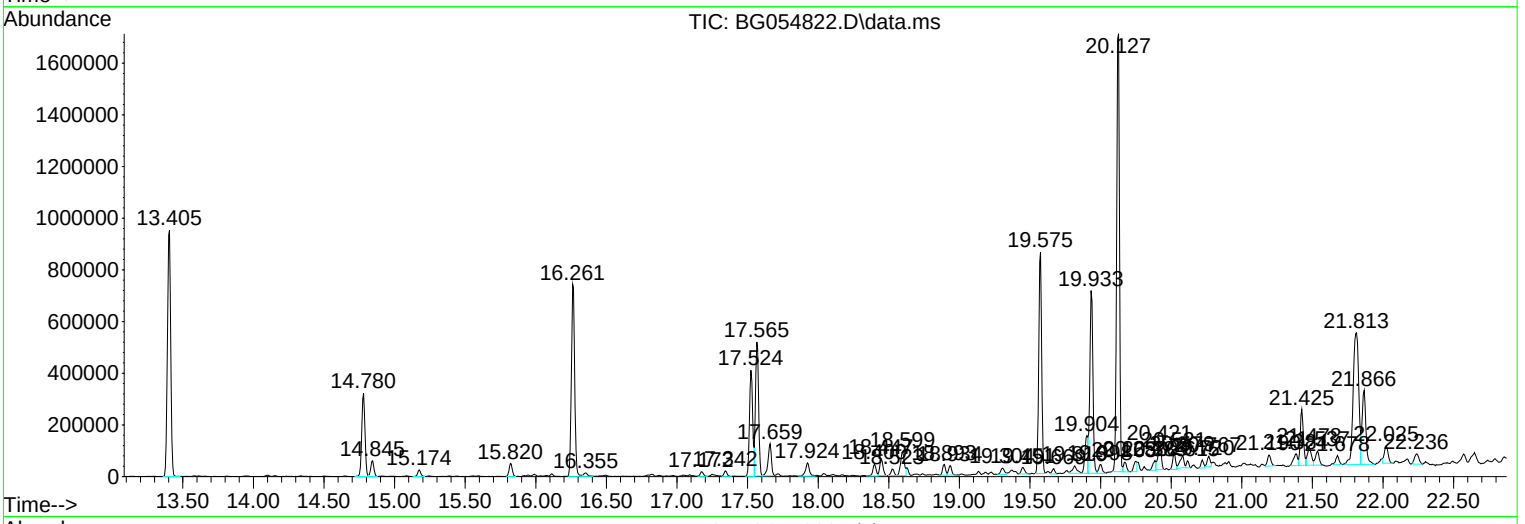
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

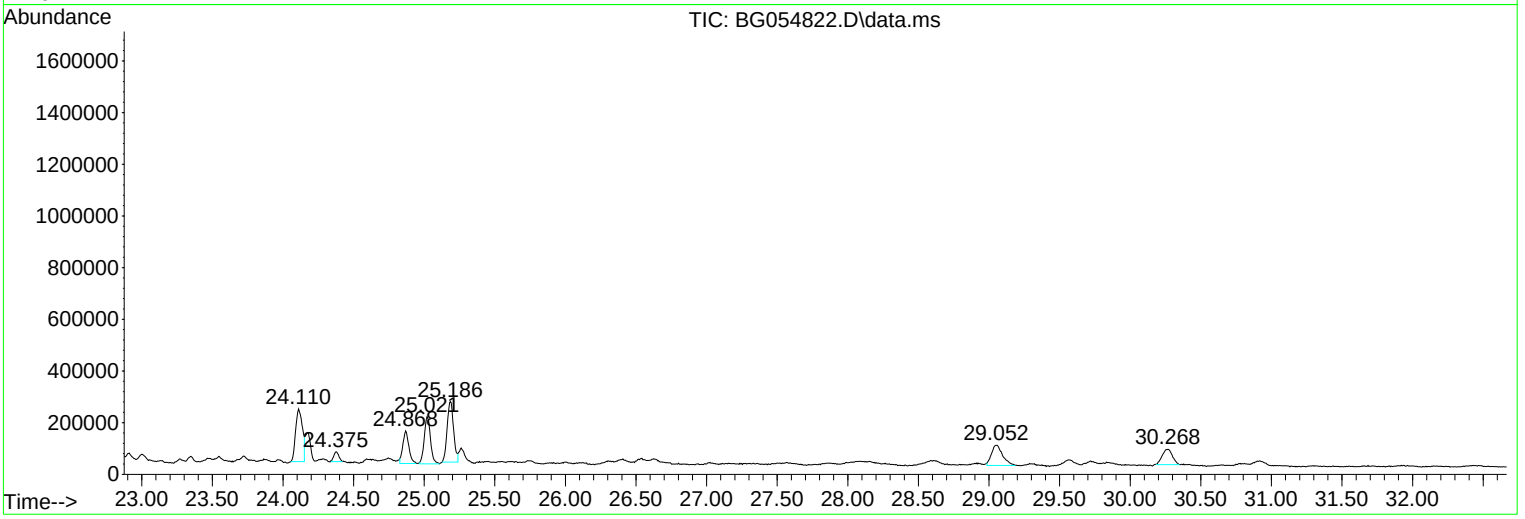
Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

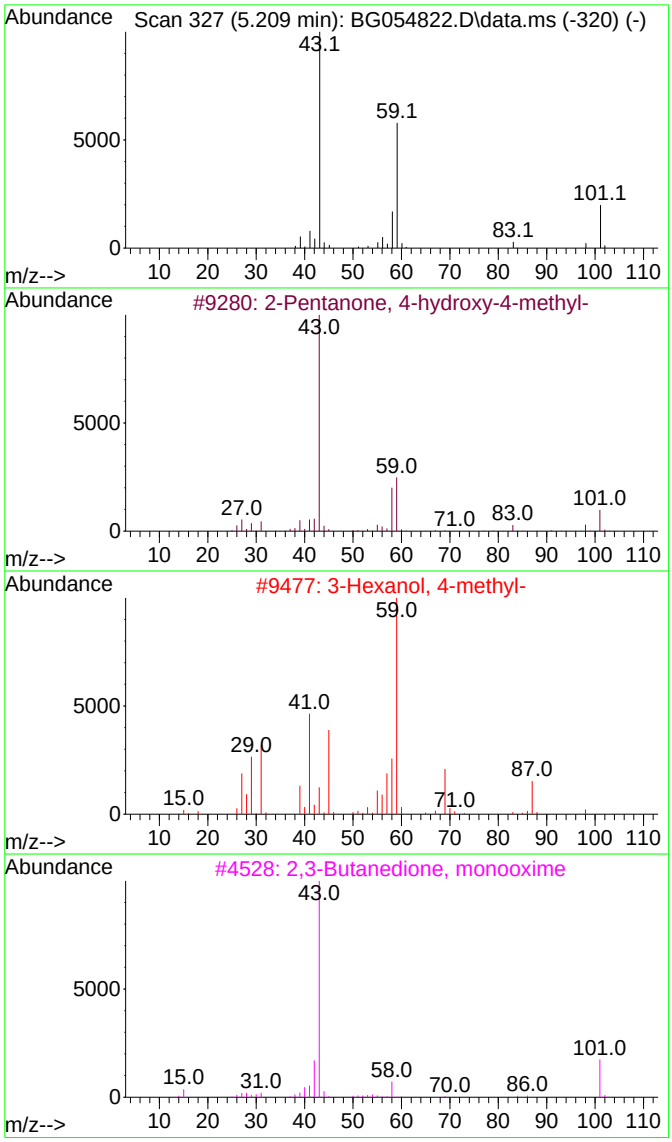
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

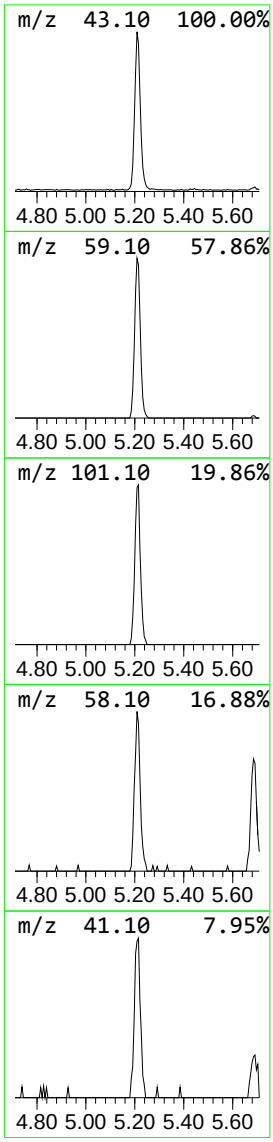
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	9.82 ng	117278	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

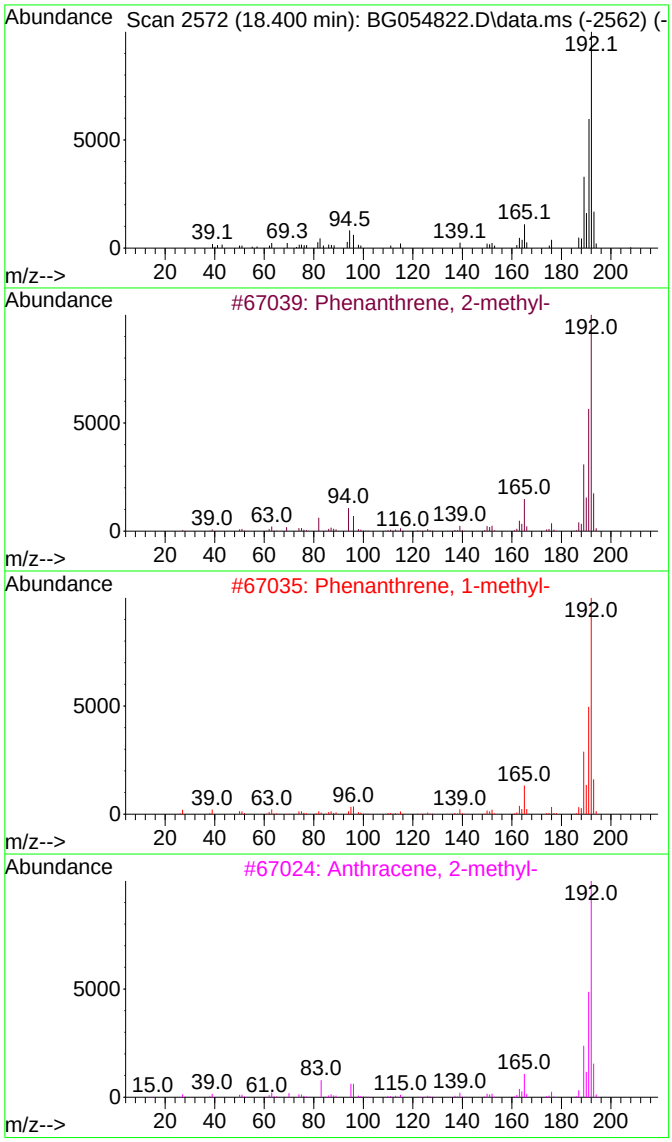
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

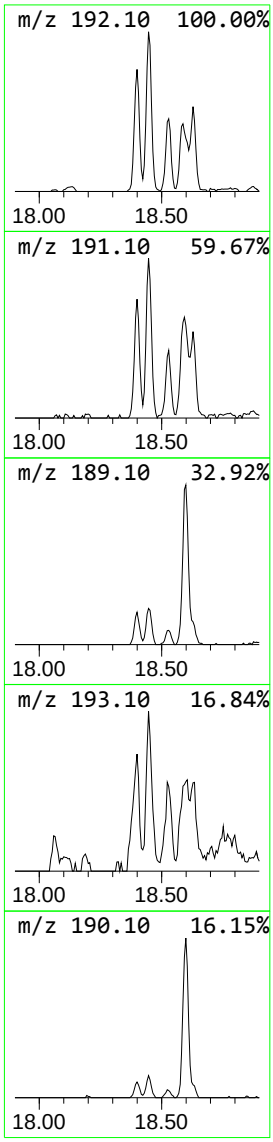
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.400	2.22 ng	73606	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

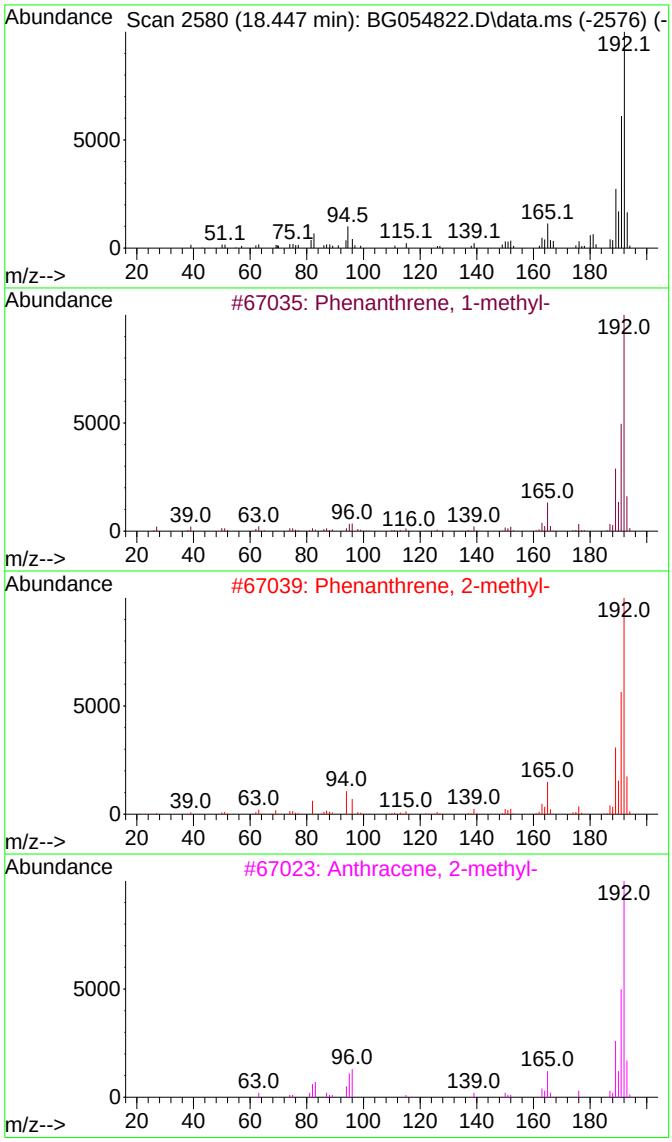
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

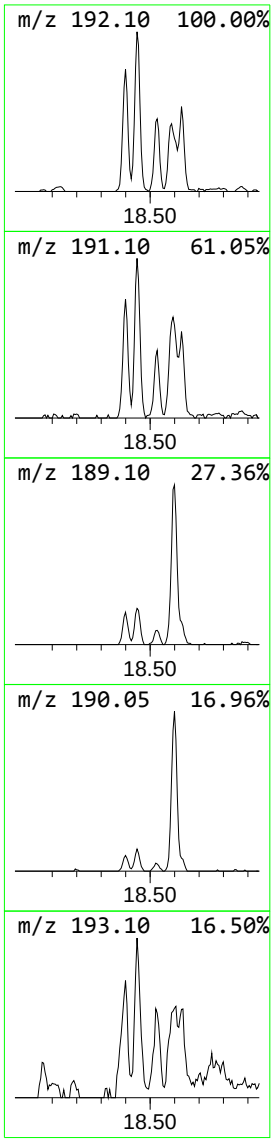
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	3.03 ng	100444	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

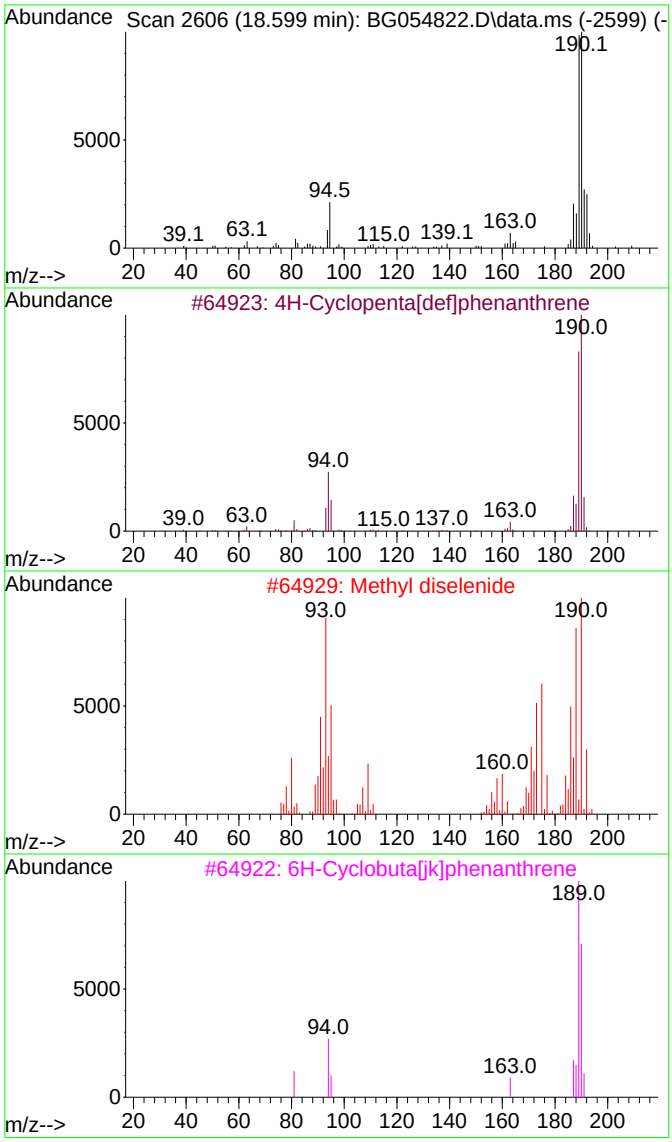
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

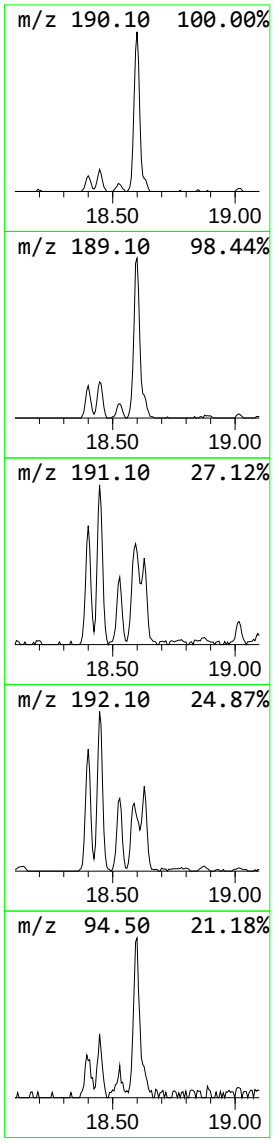
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	5.30 ng	175654	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

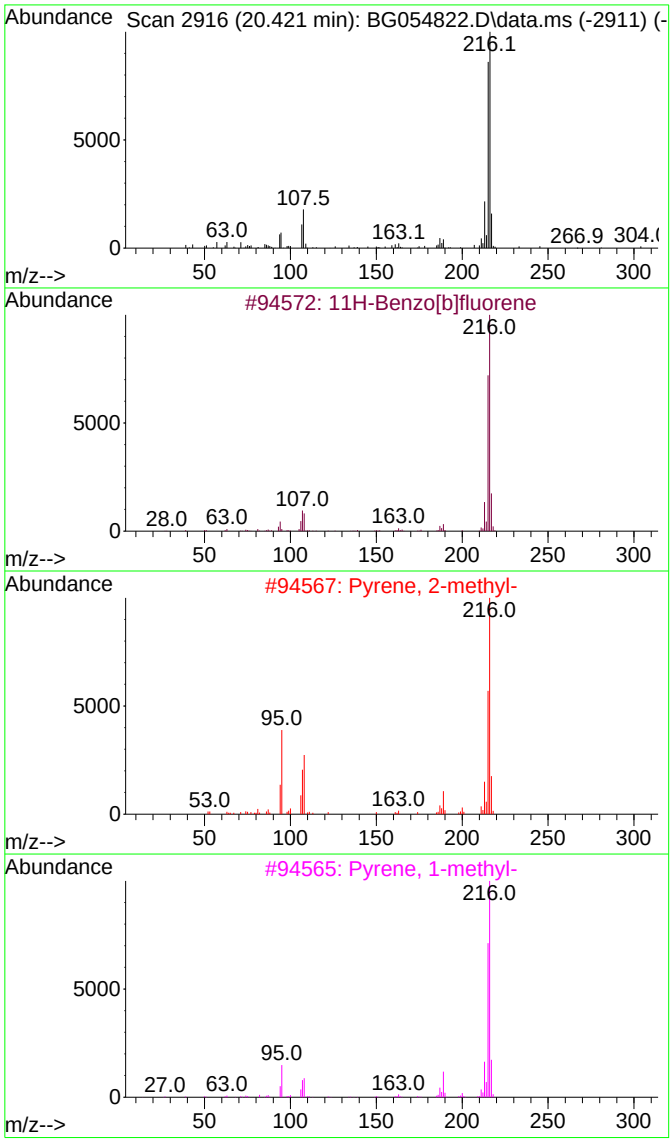
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

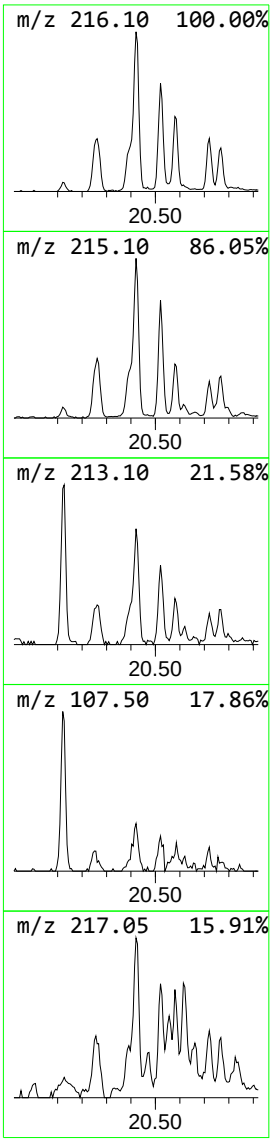
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.421	2.24 ng	159205	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

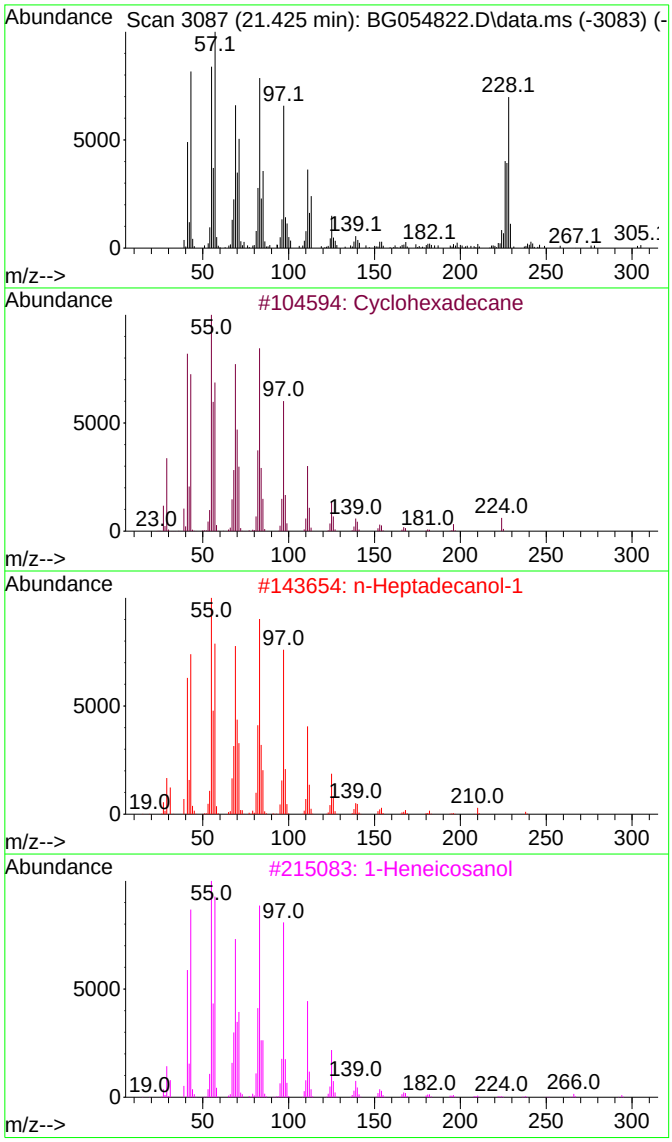
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

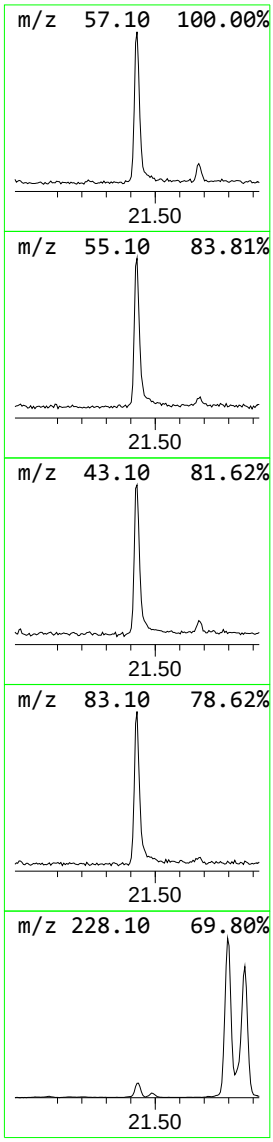
****

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.425	4.74 ng	337016	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	87
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	86
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
5	1-Hexacosene	364	C26H52	018835-33-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

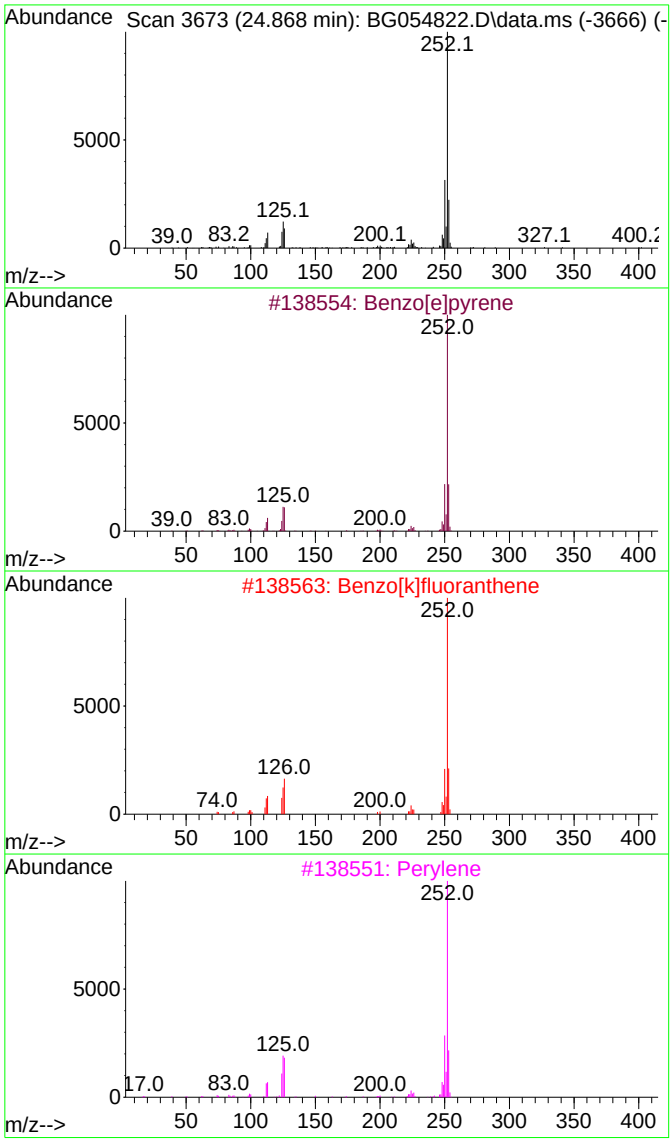
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

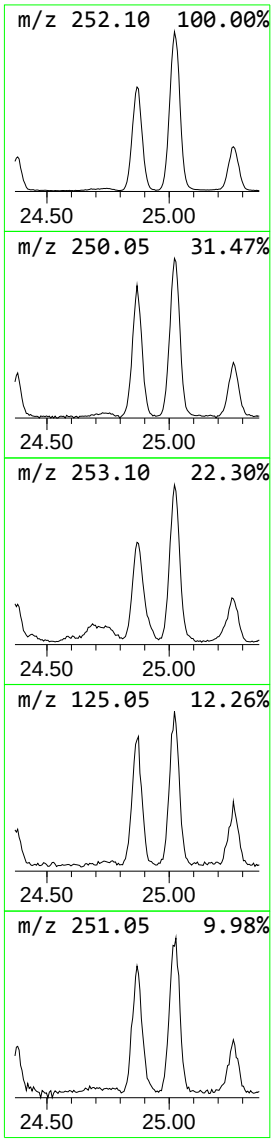
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.868	9.91 ng	371756	Perylene-d12	25.186

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	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054822.D
Acq On : 1 Sep 2022 14:47
Operator : CG/JU
Sample : N4433-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
2-Pentanone, 4-...	5.209	9.8	ng	117278	1	8.147	238799	20.0
Phenanthrene, 2...	18.400	2.2	ng	73606	4	17.524	663205	20.0
Phenanthrene, 1...	18.447	3.0	ng	100444	4	17.524	663205	20.0
4H-Cyclopenta[d...	18.599	5.3	ng	175654	4	17.524	663205	20.0
11H-Benzo[b]flu...	20.421	2.2	ng	159205	5	21.819	1420940	20.0
Cyclohexadecane	21.425	4.7	ng	337016	5	21.819	1420940	20.0
Benzo[e]pyrene	24.868	9.9	ng	371756	6	25.186	750078	20.0