LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRAINAGE-SEWALE

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-BG041520.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	5.569	415	422	430	rBV2	47188	85285	4.83%	0.638%
2	7.161	687	693	703	rBV2	50093	90457	5.12%	0.677%
3	8.001	829	836	844	rBV	198162	358369	20.28%	2.681%
4	8.324	884	891	897	rBV2	47489	82881	4.69%	0.620%
5	9.158	1026	1033	1046	rVB	29391	59780	3.38%	0.447%
6	10.803	1305	1313	1325	rBV	266141	501095	28.35%	3.748%
7	13.259	1725	1731	1737	rBV	91939	151747	8.59%	1.135%
8	14.087	1867	1872	1877	rVB	12650	19904	1.13%	0.149%
9	14.633	1958	1965	1973	rBV	480334	777404	43.99%	5.815%
10	14.704	1973	1977	1984	rVB4	13878	26858	1.52%	0.201%
11	15.685	2140	2144	2149	rVB3	17044	26690	1.51%	0.200%
12	16.119	2213	2218	2227	rBV	87031	148229	8.39%	1.109%
13	17.200	2398	2402	2410	rVB	15234	23571	1.33%	0.176%
14	17.382	2425	2433	2437	rBV	693507	1088717	61.60%	8.143%
15	17.424	2437	2440	2447	rVV	309105	464111	26.26%	3.471%
16	17.512	2451	2455	2462	rVV2	51818	87127	4.93%	0.652%
17	17.570	2462	2465	2470	rVB3	12364	21216	1.20%	0.159%
18	17.782	2494	2501	2505	rBV2	26161	51563	2.92%	0.386%
19	18.258	2578	2582	2587	rBV2	29637	49838	2.82%	0.373%
20	18.305	2587	2590	2596	rVB2	36829	54264	3.07%	0.406%
21	18.387	2599	2604	2609	rBV3	10872	19801	1.12%	0.148%
22	18.457	2609	2616	2620	rBV3	65307	120158	6.80%	0.899%
23	18.757	2661	2667	2669	rBV	26358	41371	2.34%	0.309%
24	18.792	2669	2673	2679	rVB	51257	75791	4.29%	0.567%
25	18.998	2702	2708	2714	rBV9	16967	32000	1.81%	0.239%
26	19.168	2733	2737	2742	rBV4	21712	43121	2.44%	0.323%
27	19.309	2757	2761	2765	rBV3	21335	27871	1.58%	0.208%
28	19.433	2776	2782	2789	rBV	776118	1120310	63.39%	8.380%
29	19.527	2795	2798	2803	rVB4	13331	21848	1.24%	0.163%
30	19.615	2810	2813	2817	rBV5	11196	18767	1.06%	0.140%
31	19.673	2820	2823	2832	rVB	29478	51851	2.93%	0.388%
32	19.791	2833	2843	2851	rVV	605005	1079326	61.07%	8.073%
33	19.867	2853	2856	2862	rVB3	26542	38711	2.19%	0.290%
34	19.991	2869	2877	2882	rBV2	231604	364876	20.65%	2.729%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRAINAGE-SEWALE

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.114	2892	2898	2904	rBV4	39056	99516	5.63%	0.744%
36	20.173	2904	2908	2912	rVB3	12690	22812	1.29%	0.171%
37	20.249	2917	2921	2922	rVV4	25289	31313	1.77%	0.234%
38	20.284	2923	2927	2933	rVB2	94553	148420	8.40%	1.110%
39	20.384	2939	2944	2948	rBV	87411	131029	7.41%	0.980%
40	20.437	2949	2953	2957	rVV3	43617	80830	4.57%	0.605%
41	20.478	2958	2960	2965	rVB6	24405	32854	1.86%	0.246%
42	20.584	2975	2978	2982	rBV2	18943	25432	1.44%	0.190%
43	20.625	2983	2985	2990	rVB4	17456	22242	1.26%	0.166%
44	20.878	3024	3028	3031	rBV6	13843	26496	1.50%	0.198%
45	21.042	3053	3056	3063	rVB2	42558	66698	3.77%	0.499%
46	21.230	3083	3088	3092	rBV	51643	80357	4.55%	0.601%
47	21.271	3092	3095	3098	rVB	40443	47259	2.67%	0.353%
48	21.318	3098	3103	3108	rBV3	48160	110132	6.23%	0.824%
49	21.371	3109	3112	3117	rVB3	44008	68743	3.89%	0.514%
50	21.641	3150	3158	3163	rBV2	790174	1767294	100.00%	13.219%
51	21.688	3163	3166	3176	rVB	285470	470692	26.63%	3.521%
52	21.835	3187	3191	3199	rBV3	57799	123799	7.01%	0.926%
53	22.035	3222	3225	3233	rVB2	39347	77299	4.37%	0.578%
54	23.815	3521	3528	3536	rBV	219699	721251	40.81%	5.395%
55	24.526	3642	3649	3658	rVB	124817	345649	19.56%	2.585%
56	24.667	3666	3673	3683	rVB2	163485	431048	24.39%	3.224%
57	24.819	3689	3699	3707	rBV	425805	1213159	68.65%	9.074%

Sum of corrected areas: 13369232

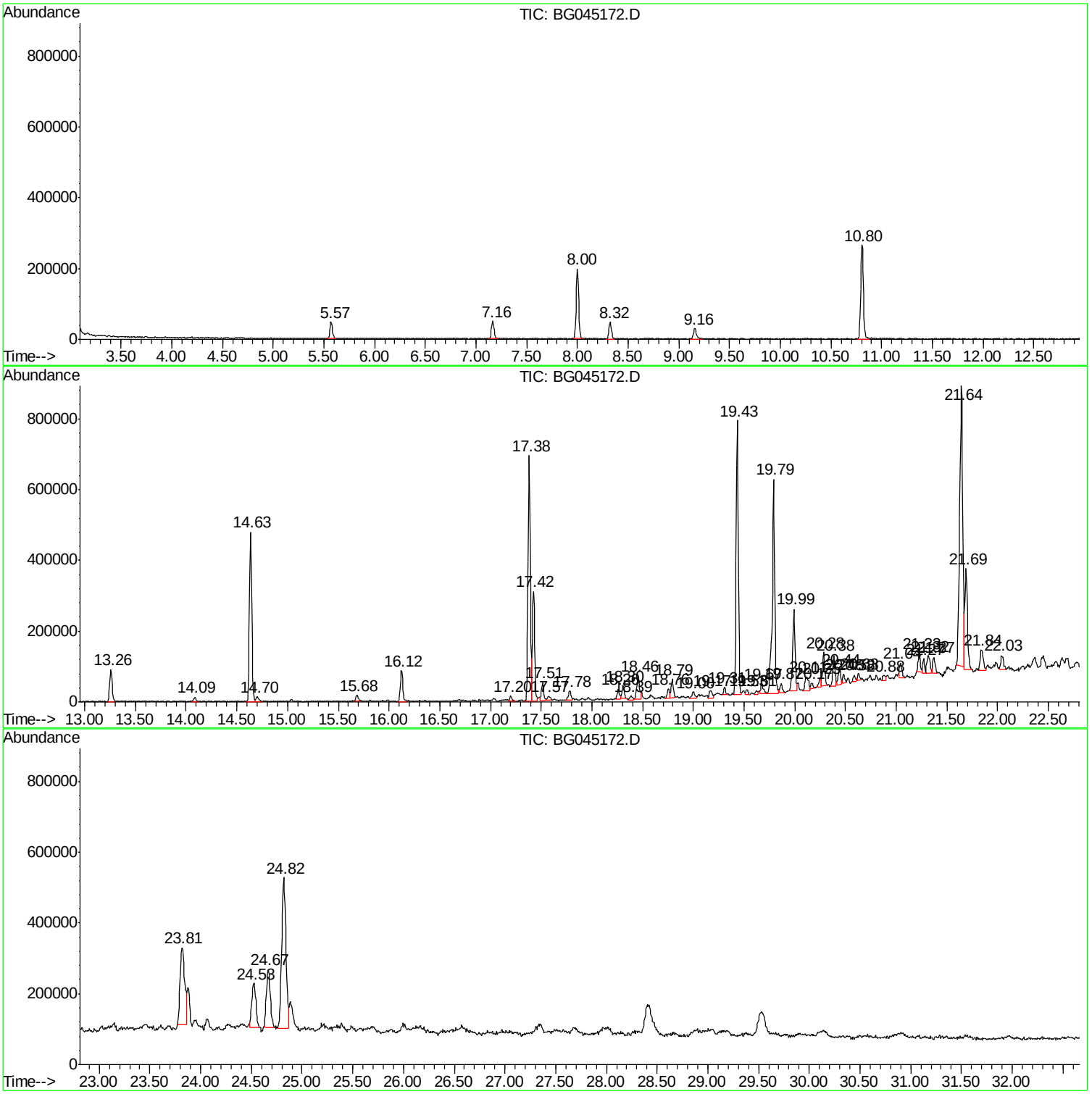
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRAINAGE-SEWALE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRAINAGE-SEWALE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

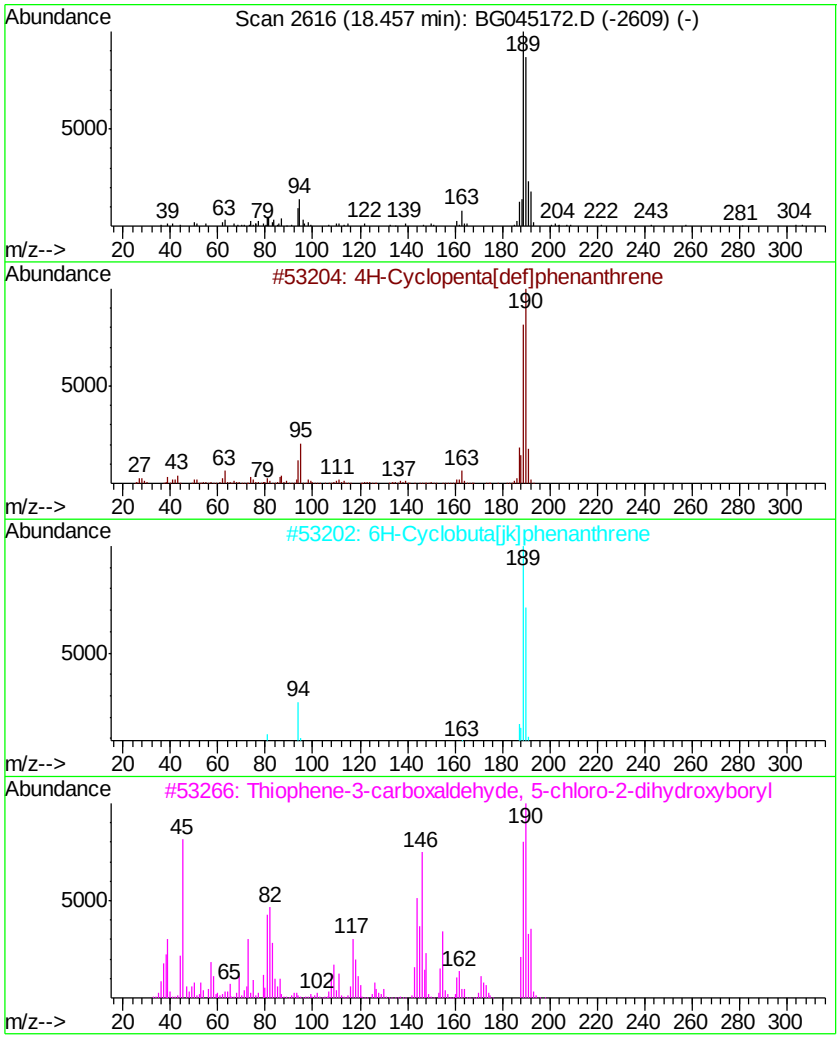
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

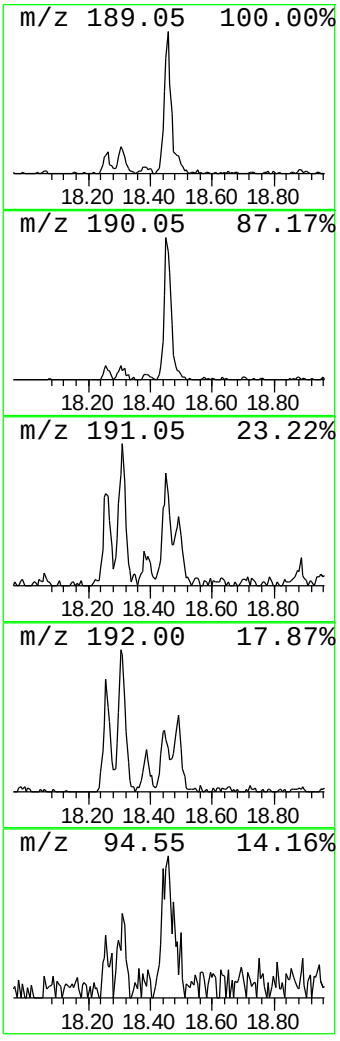
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.21 ng	120158	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRAINAGE-SEWALE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

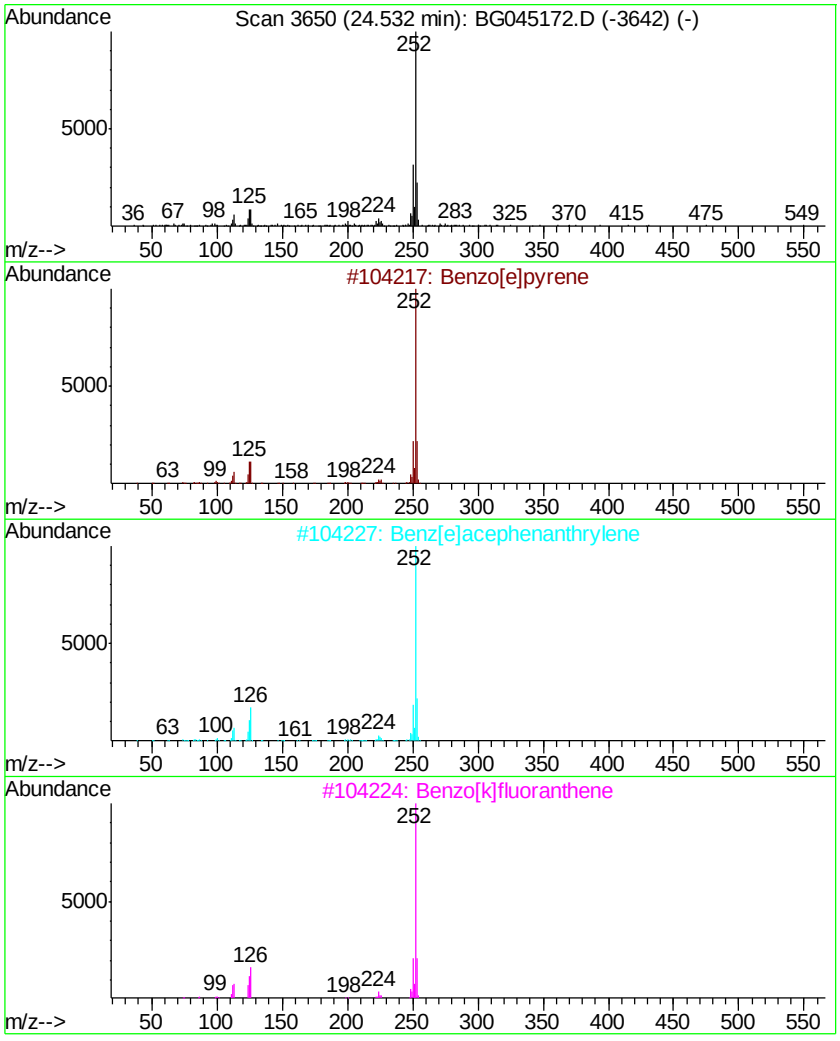
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

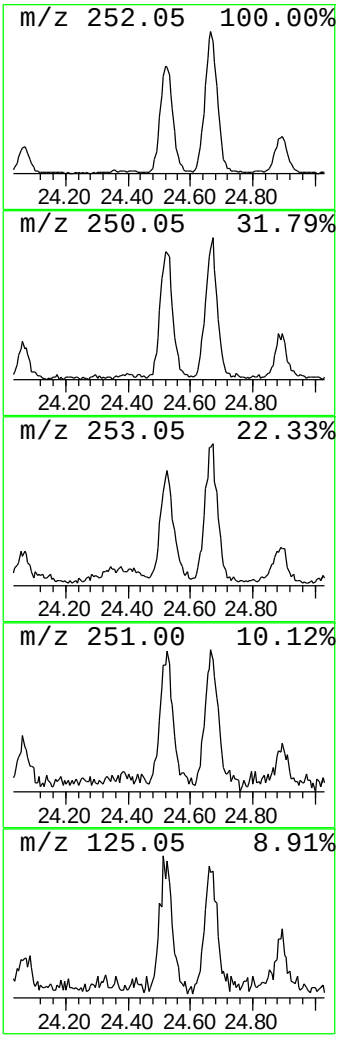
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	5.70 ng	345649	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042420\
Data File : BG045172.D
Acq On : 24 Apr 2020 22:23
Operator : CG/JU
Sample : L2401-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRAINAGE-SEWALE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
4H-Cyclopenta[def...	18.46	2.2	ng	120158	4	17.38	1088720	20.0
Benzo[e]pyrene	24.53	5.7	ng	345649	6	24.82	1213160	20.0