LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007214.D
Acq On : 18 Aug 2016 21:15
Operator : UM/SJ
Sample : H4445-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N28

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.945	396	401	410	rBV	69886	101740	1.89%	0.175%
2	6.969	738	745	753	rBV	685800	1077750	19.98%	1.858%
3	7.139	767	774	782	rBV	495921	769041	14.26%	1.326%
4	7.333	800	807	816	rBV	698928	1114121	20.66%	1.921%
5	7.804	879	887	895	rVB	875849	1402286	26.00%	2.418%
6	8.498	997	1005	1015	rBV	814449	1335897	24.77%	2.303%
7	8.957	1076	1083	1091	rBV	614861	1015039	18.82%	1.750%
8	9.675	1198	1205	1216	rBV	507708	851746	15.79%	1.468%
9	10.204	1287	1295	1306	rBV	797917	1391956	25.81%	2.400%
10	10.586	1351	1360	1367	rBV	1116269	1917190	35.55%	3.305%
11	10.721	1374	1383	1400	rBV	700170	1250571	23.19%	2.156%
12	13.839	1904	1913	1918	rBV	1397067	2037721	37.78%	3.513%
13	13.886	1918	1921	1932	rVB	371563	539849	10.01%	0.931%
14	14.127	1955	1962	1976	rVB	1552085	2479249	45.97%	4.274%
15	14.433	2005	2014	2021	rBV2	1604380	2485480	46.08%	4.285%
16	14.627	2039	2047	2058	rBV	606045	1005968	18.65%	1.734%
17	15.427	2176	2183	2189	rBV	2102862	3051560	56.58%	5.261%
18	15.545	2197	2203	2212	rBV	511120	769045	14.26%	1.326%
19	16.151	2301	2306	2307	rBV	83079	109543	2.03%	0.189%
20	16.174	2307	2310	2315	rVB	107659	148758	2.76%	0.256%
21	16.721	2396	2403	2406	rBV4	30265	58546	1.09%	0.101%
22	16.939	2436	2440	2446	rVV2	59678	77718	1.44%	0.134%
23	17.174	2474	2480	2485	rBV2	2134448	3100123	57.48%	5.345%
24	17.215	2485	2487	2491	rVB	128383	148729	2.76%	0.256%
25	17.274	2491	2497	2502	rBV	2438172	3528547	65.42%	6.083%
26	17.674	2561	2565	2573	rVB2	53211	88516	1.64%	0.153%
27	18.062	2625	2631	2634	rBV3	63772	119848	2.22%	0.207%
28	18.092	2634	2636	2642	rVB	48822	71097	1.32%	0.123%
29	18.239	2657	2661	2666	rBV3	48936	101947	1.89%	0.176%
30	18.368	2679	2683	2686	rBV2	49473	62381	1.16%	0.108%
31	18.968	2781	2785	2788	rBV2	49948	74181	1.38%	0.128%
32	19.109	2804	2809	2816	rBV2	68229	128642	2.39%	0.222%
33	19.233	2821	2830	2836	rVB	817865	1188053	22.03%	2.048%
34	19.568	2881	2887	2890	rBV	3354927	4885979	90.59%	8.424%

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Start Thrs: 0.2 Max Peaks: 100
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35	19.662	2900	2903	2910	rVB3	61759	115099	2.13%	0.198%
36	19.774	2918	2922	2927	rVB	46397	68209	1.26%	0.118%
37	19.915	2941	2946	2956	rBV4	110047	269808	5.00%	0.465%
38	20.062	2965	2971	2972	rBV4	83361	144170	2.67%	0.249%
39	20.091	2973	2976	2983	rVB4	150364	255764	4.74%	0.441%
40	20.186	2990	2992	2996	rBV	56865	56966	1.06%	0.098%
41	20.244	2997	3002	3006	rVV2	114371	212608	3.94%	0.367%
42	20.386	3023	3026	3029	rBV2	83452	98373	1.82%	0.170%
43	20.833	3099	3102	3108	rVB	114975	156139	2.89%	0.269%
44	21.038	3134	3137	3139	rBV	91549	98700	1.83%	0.170%
45	21.074	3140	3143	3148	rVB3	172957	250751	4.65%	0.432%
46	21.350	3183	3190	3195	rBV2	3396983	5393574	100.00%	9.299%
47	21.391	3195	3197	3204	rVB	459989	549134	10.18%	0.947%
48	21.509	3214	3217	3223	rBV4	79580	137093	2.54%	0.236%
49	22.938	3454	3460	3466	rBV	681783	1668239	30.93%	2.876%
50	23.121	3486	3491	3496	rVB	126984	219419	4.07%	0.378%
51	23.427	3538	3543	3546	rBV	317642	568052	10.53%	0.979%
52	23.479	3546	3552	3558	rVV2	2261061	4195433	77.79%	7.233%
53	23.627	3570	3577	3583	rBV	2101060	4078948	75.63%	7.032%
54	24.168	3665	3669	3676	rVB3	154900	310517	5.76%	0.535%
55	25.915	3960	3966	3976	rVB3	241470	666744	12.36%	1.150%

Sum of corrected areas: 58002557

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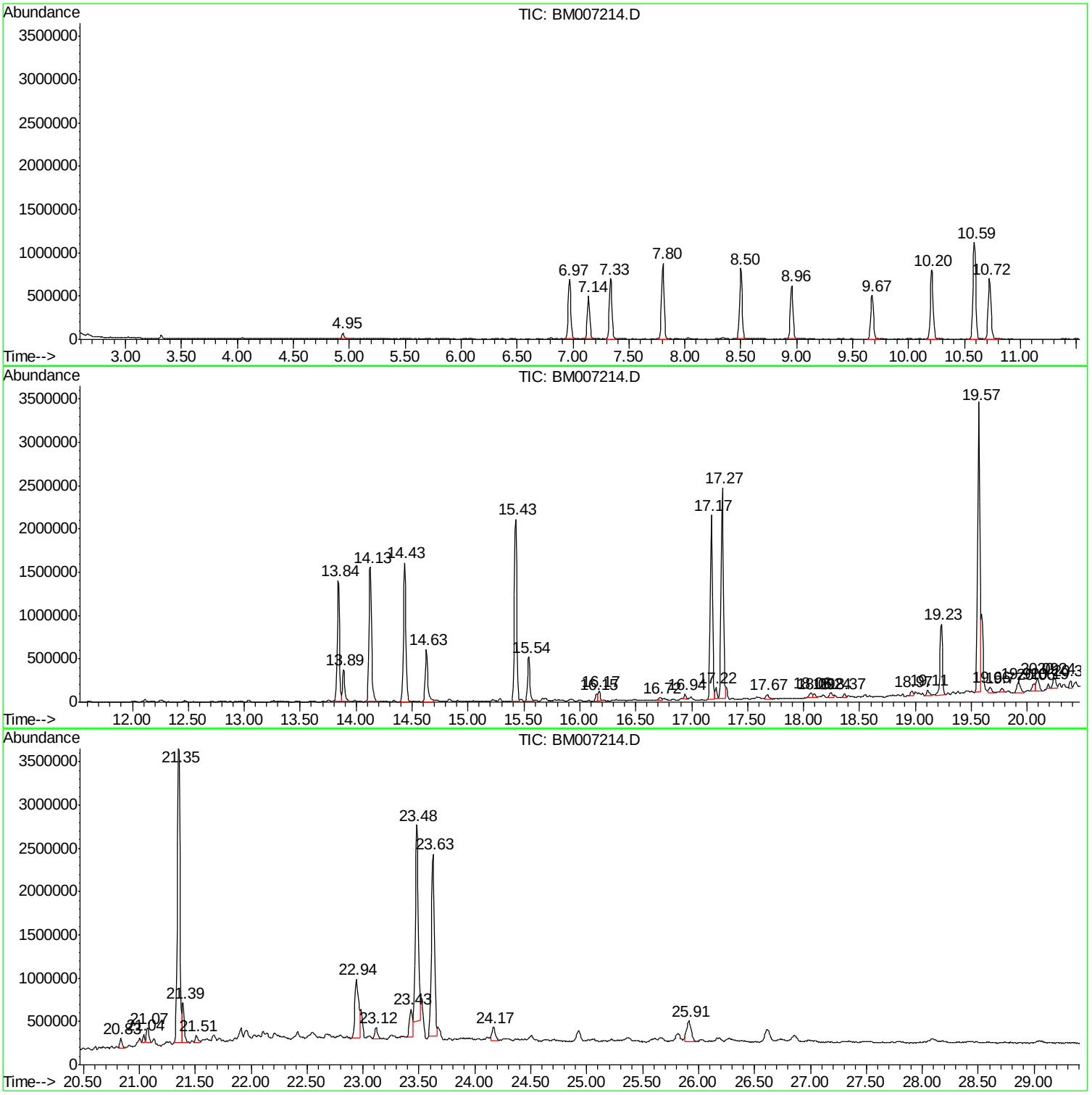
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007214.D
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Sample : H4445-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

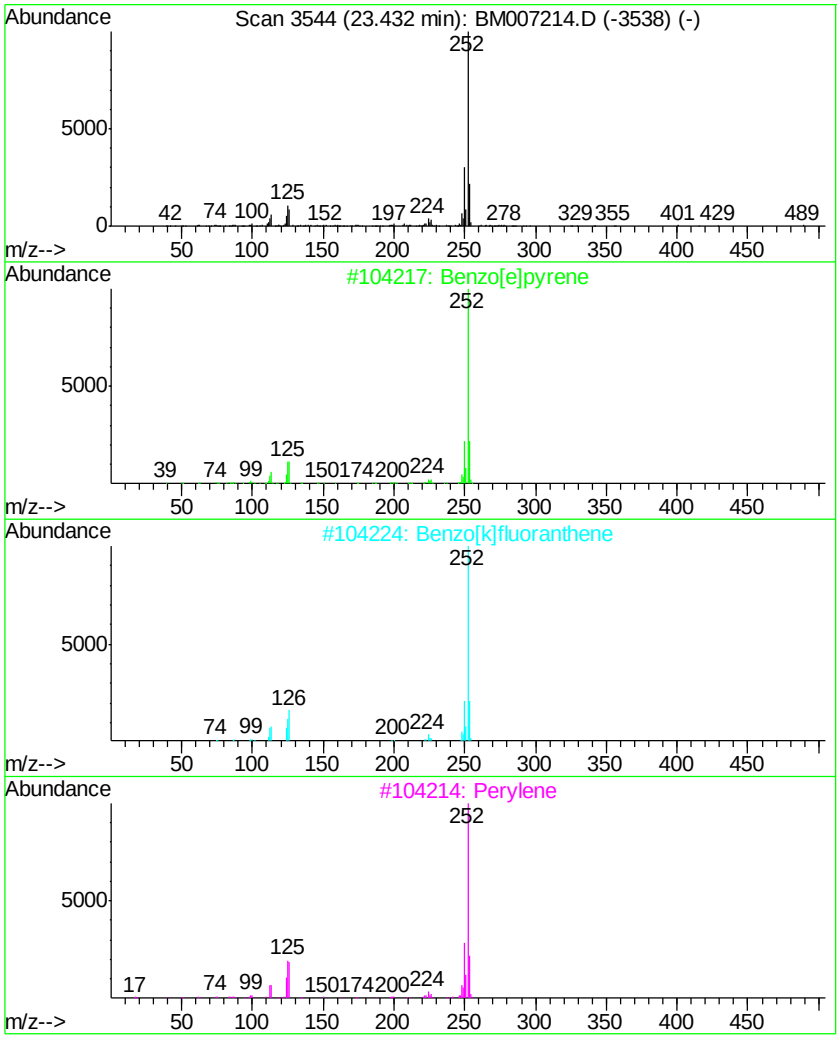
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

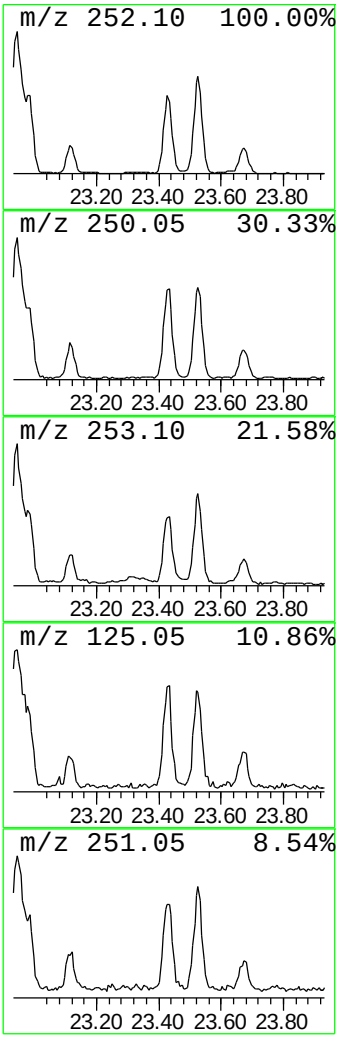
****

Peak Number 1 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	2.79 ng/ul	568052	Perylene-d12	23.63

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	96
3	Perylene	252	C20H12	000198-55-0	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Benzo[e]pyrene	23.43	2.8	ng/ul	568052	6	23.63	4078950	20.0