LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026859.D
Acq On : 23 Jul 2020 19:58
Operator : JU/CG
Sample : L3379-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETGI-361

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_M\METHODS\8270-BM070820.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	4.925	366	372	385	rBV	236950	353254	14.65%	1.643%
2	6.502	634	640	651	rBV	215591	356100	14.76%	1.657%
3	7.278	764	772	781	rBV	402515	606653	25.15%	2.822%
4	8.431	962	968	979	rBV	131075	227312	9.42%	1.058%
5	10.031	1231	1240	1255	rBV	500640	813844	33.74%	3.786%
6	12.548	1661	1668	1675	rBV	330895	473566	19.63%	2.203%
7	13.425	1810	1817	1822	rBV	61860	98791	4.10%	0.460%
8	13.666	1853	1858	1865	rBV	34810	58535	2.43%	0.272%
9	13.772	1872	1876	1880	rVB5	19744	25184	1.04%	0.117%
10	13.842	1882	1888	1892	rBV8	13625	32870	1.36%	0.153%
11	13.948	1900	1906	1912	rVB	700608	958060	39.72%	4.457%
12	14.013	1912	1917	1925	rVB3	29480	53531	2.22%	0.249%
13	14.742	2037	2041	2045	rBV3	31159	48423	2.01%	0.225%
14	15.013	2083	2087	2090	rBV2	31347	48572	2.01%	0.226%
15	15.460	2158	2163	2169	rBV2	278179	395484	16.40%	1.840%
16	16.713	2371	2376	2380	rBV	814720	1085841	45.02%	5.052%
17	16.754	2380	2383	2388	rVB	549228	685583	28.42%	3.189%
18	16.848	2395	2399	2404	rVB	141049	181538	7.53%	0.845%
19	18.524	2681	2684	2688	rVB2	106990	135622	5.62%	0.631%
20	18.789	2724	2729	2734	rVB	1536070	1941585	80.49%	9.033%
21	19.154	2783	2791	2796	rBV	1235318	1874741	77.72%	8.722%
22	19.377	2826	2829	2841	rVB	565506	790444	32.77%	3.677%
23	19.665	2876	2878	2883	rVB2	167482	186780	7.74%	0.869%
24	19.765	2892	2895	2899	rBV	117448	142484	5.91%	0.663%
25	19.824	2902	2905	2908	rVB2	110432	136394	5.65%	0.635%
26	20.424	3004	3007	3013	rVB	133973	165406	6.86%	0.770%
27	20.583	3031	3034	3038	rBV2	156620	188788	7.83%	0.878%
28	20.624	3038	3041	3044	rBV	101747	114568	4.75%	0.533%
29	20.660	3044	3047	3049	rBV2	120461	148438	6.15%	0.691%
30	20.724	3056	3058	3063	rVB	164287	173133	7.18%	0.805%
31	20.942	3089	3095	3098	rBV2	1305742	2412090	100.00%	11.222%
32	20.977	3098	3101	3112	rVB	825034	1025441	42.51%	4.771%
33	21.783	3235	3238	3243	rVB	824433	887137	36.78%	4.127%
34	22.406	3340	3344	3349	rBV	807430	1648847	68.36%	7.671%

LSC Area Percent Report

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.830	3413	3416	3425	rVB	503186	749168	31.06%	3.485%
36	22.918	3427	3431	3438	rVB	671371	1088779	45.14%	5.065%
37	23.006	3441	3446	3450	rBV	779610	1182207	49.01%	5.500%

Sum of corrected areas: 21495193

LSC Report - Integrated Chromatogram

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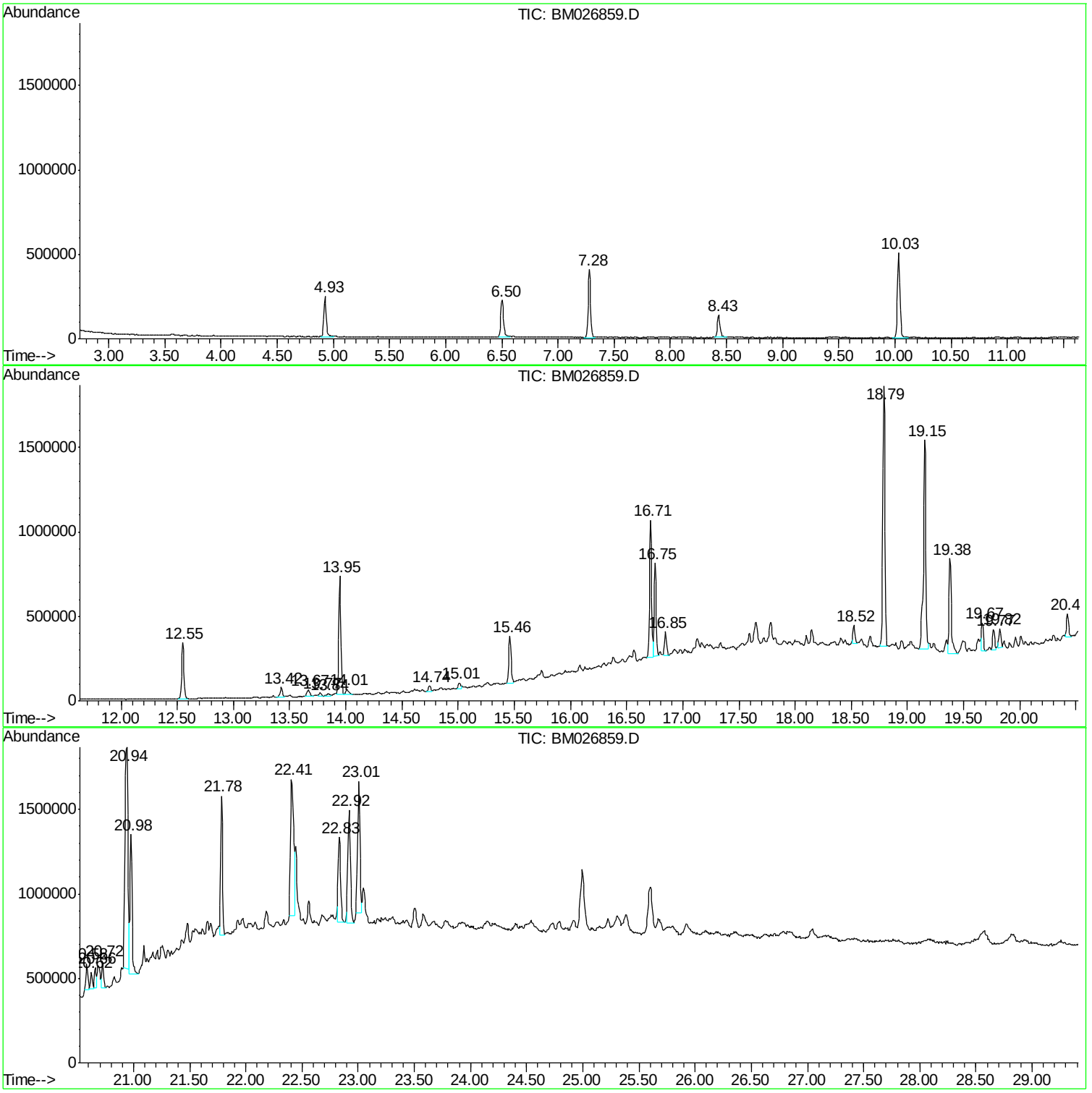
Instrument : BNA_M
ClientSampleId : ETGI-361

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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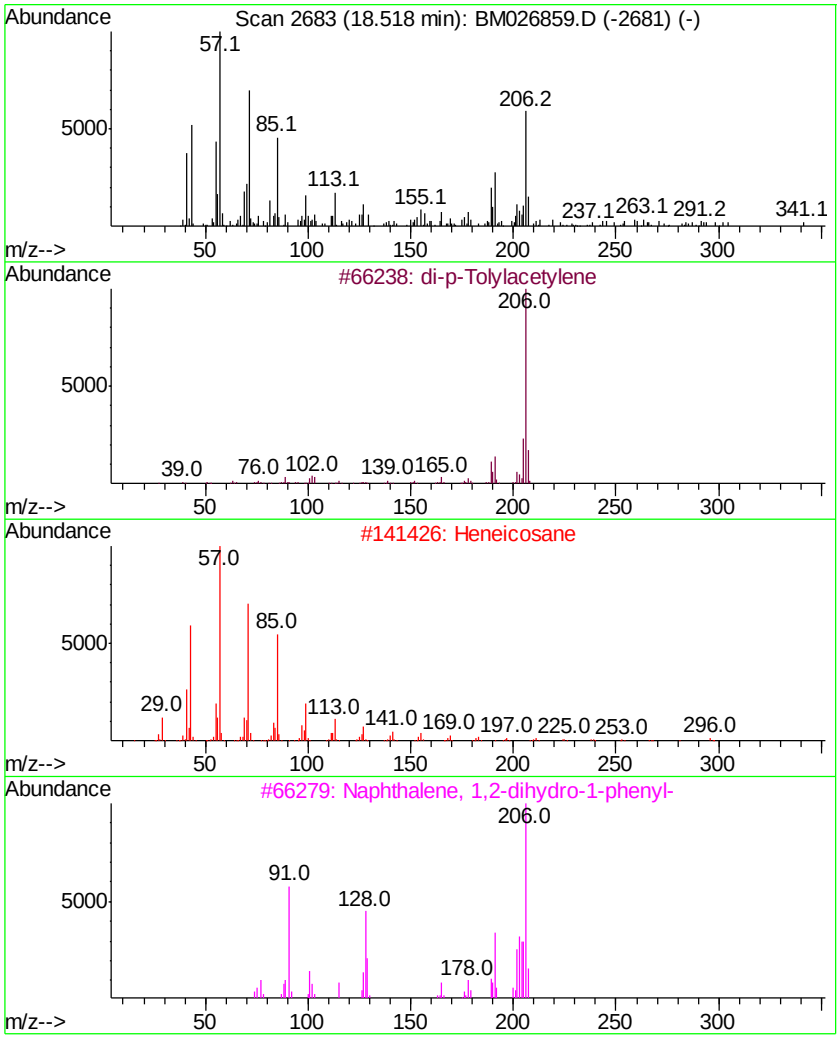
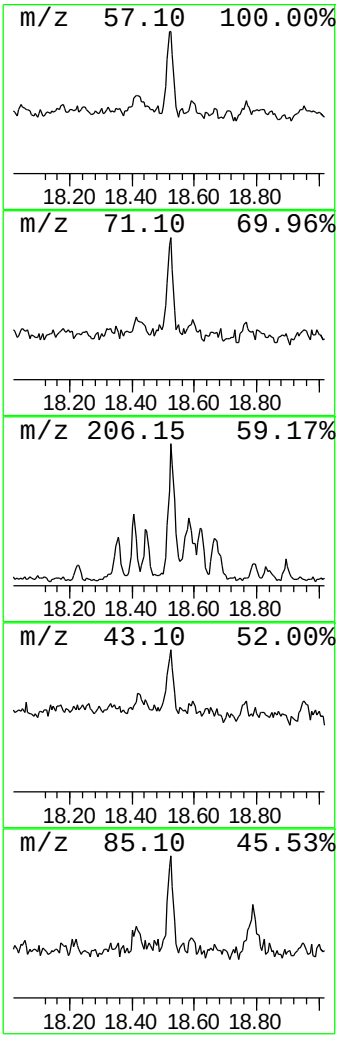
Peak Number 2 unknown18.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.50 ng	135622	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
2	Heneicosane	296	C21H44	000629-94-7	46
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
4	2-methyloctacosane	408	C29H60	1000376-72-8	41
5	Nonadecane	268	C19H40	000629-92-5	38





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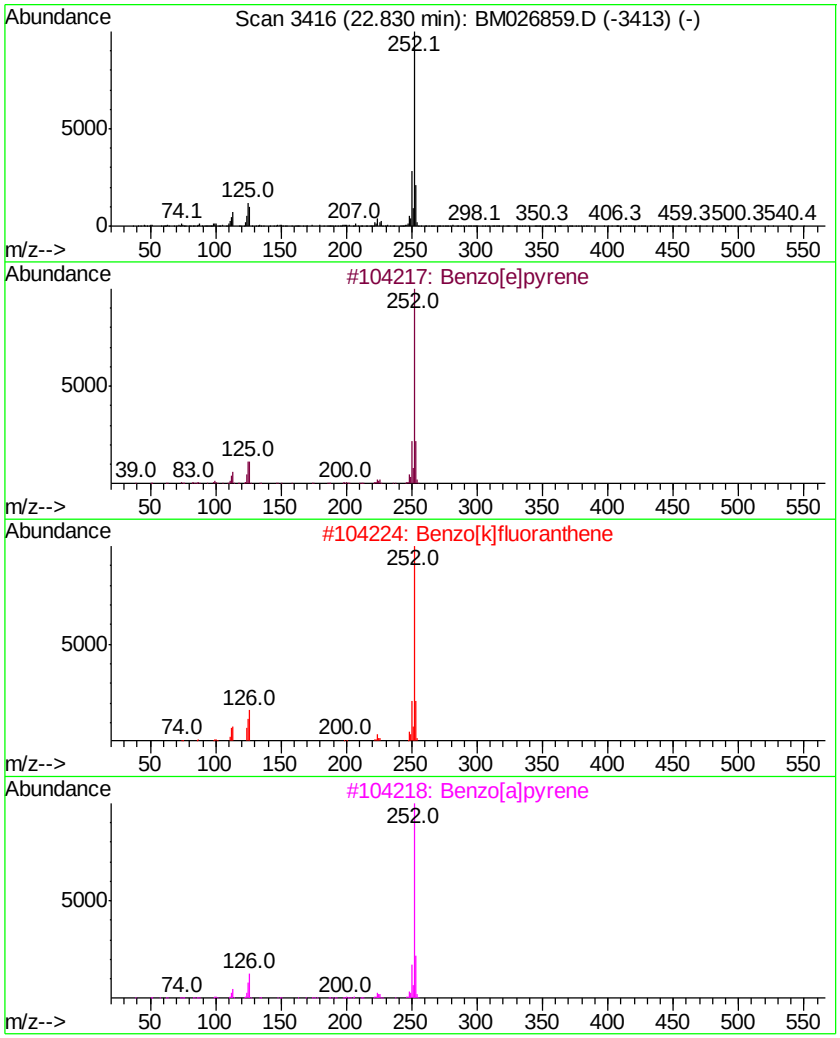
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

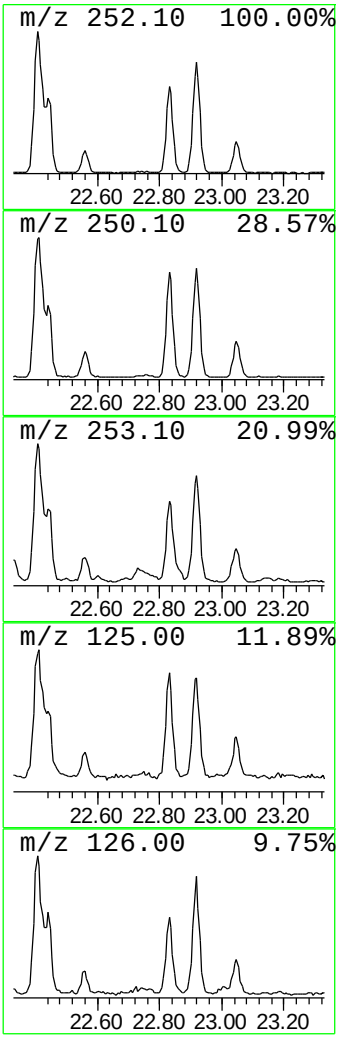
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	12.67 ng	749168	Perylene-d12	23.01

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

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Sample : L3379-01 5X
Misc :
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Instrument : BNA_M
ClientSampleId : ETGI-361

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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
unknown18.52	18.52	2.5	ng	135622	4	16.71	1085840	20.0
Benzo[e]pyrene	22.83	12.7	ng	749168	6	23.01	1182210	20.0