LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101288.D
Acq On : 11 Dec 2017 14:42
Operator : SJ/JU
Sample : I6746-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-109-4(5-10)

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.034	498	501	509	rBV	12656	15160	3.29%	0.303%
2	5.445	567	571	582	rBV	201932	223601	48.49%	4.475%
3	6.457	740	743	756	rBV	222025	245199	53.17%	4.907%
4	6.598	763	767	774	rBV	308413	259999	56.38%	5.203%
5	6.828	802	806	814	rBB	352080	286467	62.12%	5.733%
6	6.981	829	832	843	rBB	233544	195478	42.39%	3.912%
7	7.392	898	902	908	rBV	167007	148449	32.19%	2.971%
8	8.110	1020	1024	1038	rBV	464681	386064	83.72%	7.726%
9	9.186	1203	1207	1210	rBV	374506	328824	71.31%	6.581%
10	9.580	1271	1274	1278	rVB	13838	10535	2.28%	0.211%
11	9.786	1306	1309	1319	rBV3	13002	16341	3.54%	0.327%
12	9.869	1319	1323	1327	rBV	530002	435271	94.39%	8.711%
13	10.286	1391	1394	1398	rBB	11292	8347	1.81%	0.167%
14	10.663	1455	1458	1463	rBV	160359	146825	31.84%	2.938%
15	10.757	1472	1474	1481	rBB	6816	8546	1.85%	0.171%
16	11.363	1573	1577	1579	rBV	523793	454807	98.63%	9.102%
17	11.380	1579	1580	1584	rVV	42473	32847	7.12%	0.657%
18	11.439	1584	1590	1593	rVB	11549	10217	2.22%	0.204%
19	11.974	1679	1681	1684	rBV2	6772	7099	1.54%	0.142%
20	12.574	1780	1783	1788	rBB	84841	74962	16.26%	1.500%
21	12.786	1816	1819	1820	rBV	17285	13150	2.85%	0.263%
22	12.810	1820	1823	1829	rVB	85340	76650	16.62%	1.534%
23	12.939	1841	1845	1849	rBV	353575	328758	71.29%	6.579%
24	13.027	1855	1860	1863	rBB2	5851	8098	1.76%	0.162%
25	13.133	1876	1878	1881	rVB	9643	9015	1.95%	0.180%
26	13.204	1887	1890	1892	rBV	6526	5942	1.29%	0.119%
27	13.239	1892	1896	1900	rVV2	10345	11743	2.55%	0.235%
28	13.333	1908	1912	1915	rBV	6490	6057	1.31%	0.121%
29	13.362	1915	1917	1924	rVV3	4848	6761	1.47%	0.135%
30	13.651	1963	1966	1969	rBV	7374	5722	1.24%	0.115%
31	13.757	1981	1984	1986	rBV	6529	5832	1.26%	0.117%
32	13.780	1986	1988	1991	rVV2	11127	9020	1.96%	0.181%
33	13.827	1991	1996	2000	rVV3	16399	22406	4.86%	0.448%
34	13.862	2000	2002	2005	rVB2	6805	6582	1.43%	0.132%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.009	2022	2027	2030	rBV2	473793	461130	100.00%	9.228%
36	14.033	2030	2031	2034	rVB	67259	40946	8.88%	0.819%
37	14.115	2042	2045	2049	rBV2	11001	9095	1.97%	0.182%
38	14.239	2062	2066	2070	rBV4	6766	8982	1.95%	0.180%
39	14.398	2088	2093	2095	rBV	15471	16829	3.65%	0.337%
40	14.521	2112	2114	2116	rBV3	7722	5685	1.23%	0.114%
41	14.545	2116	2118	2120	rVB2	7351	5128	1.11%	0.103%
42	14.898	2175	2178	2181	rVB4	5703	5484	1.19%	0.110%
43	15.056	2200	2205	2207	rBV	55634	75168	16.30%	1.504%
44	15.080	2207	2209	2214	rVB2	29409	31297	6.79%	0.626%
45	15.162	2220	2223	2227	rVB	15038	16453	3.57%	0.329%
46	15.356	2253	2256	2262	rVB	29734	32610	7.07%	0.653%
47	15.421	2263	2267	2271	rVV	50003	58686	12.73%	1.174%
48	15.486	2273	2278	2282	rVV	215207	259714	56.32%	5.198%
49	15.515	2282	2283	2288	rVB3	13158	11749	2.55%	0.235%
50	15.898	2343	2348	2352	rBV6	5584	10423	2.26%	0.209%
51	16.051	2371	2374	2379	rVB5	5223	8131	1.76%	0.163%
52	16.386	2428	2431	2437	rBV7	4229	9248	2.01%	0.185%
53	16.762	2492	2495	2500	rVB6	4189	6309	1.37%	0.126%
54	16.968	2524	2530	2535	rBV2	26759	51108	11.08%	1.023%
55	17.133	2554	2558	2559	rBV4	4620	5383	1.17%	0.108%
56	17.203	2566	2570	2576	rBV4	3789	6632	1.44%	0.133%
57	17.421	2601	2607	2614	rBV2	17121	32643	7.08%	0.653%
58	17.668	2643	2649	2656	rBV7	7905	17213	3.73%	0.344%

Sum of corrected areas: 4996820

LSC Report - Integrated Chromatogram

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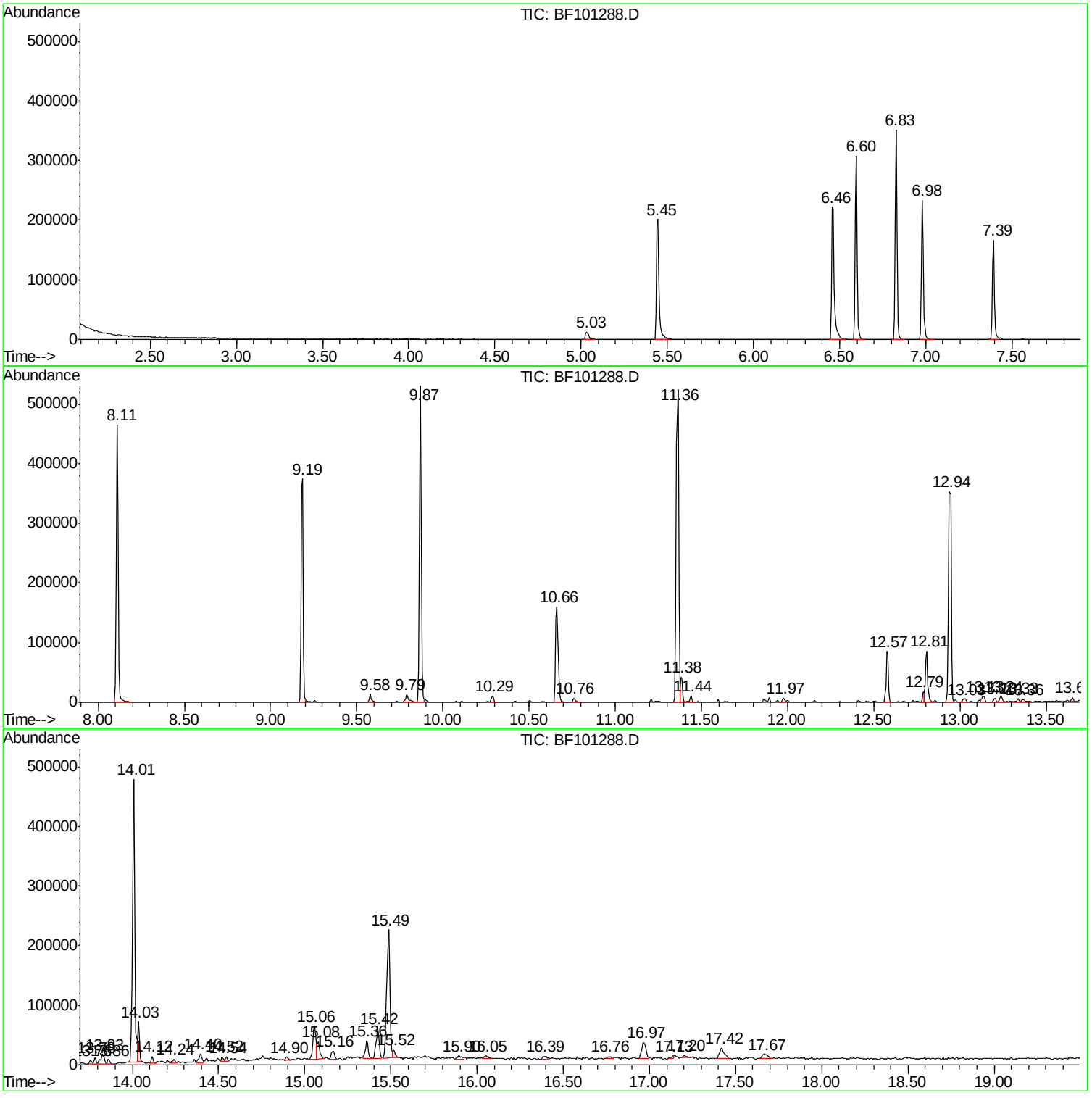
Instrument : BNA_F
ClientSampleId : ENV-109-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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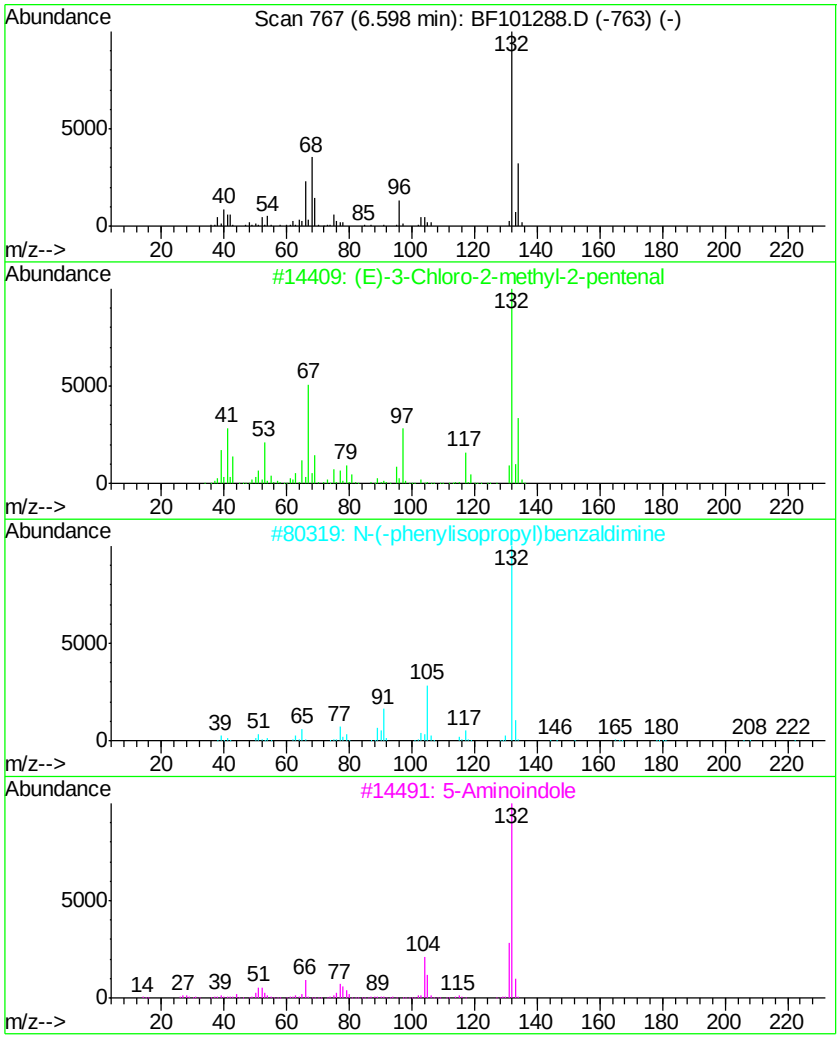
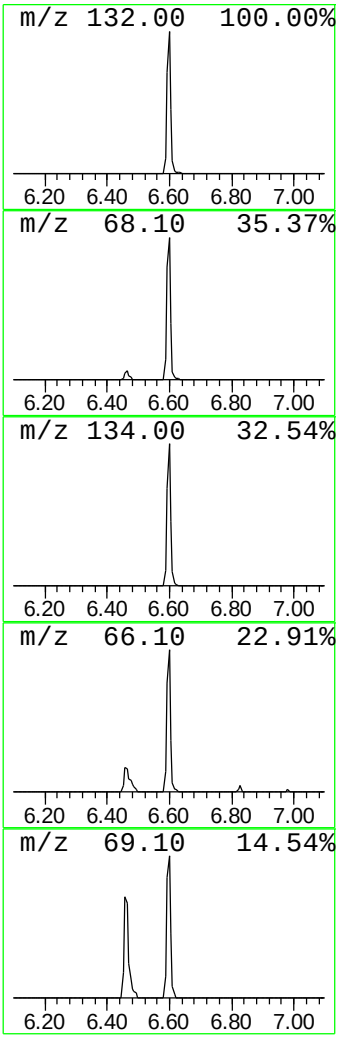
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	18.15 ng	259999	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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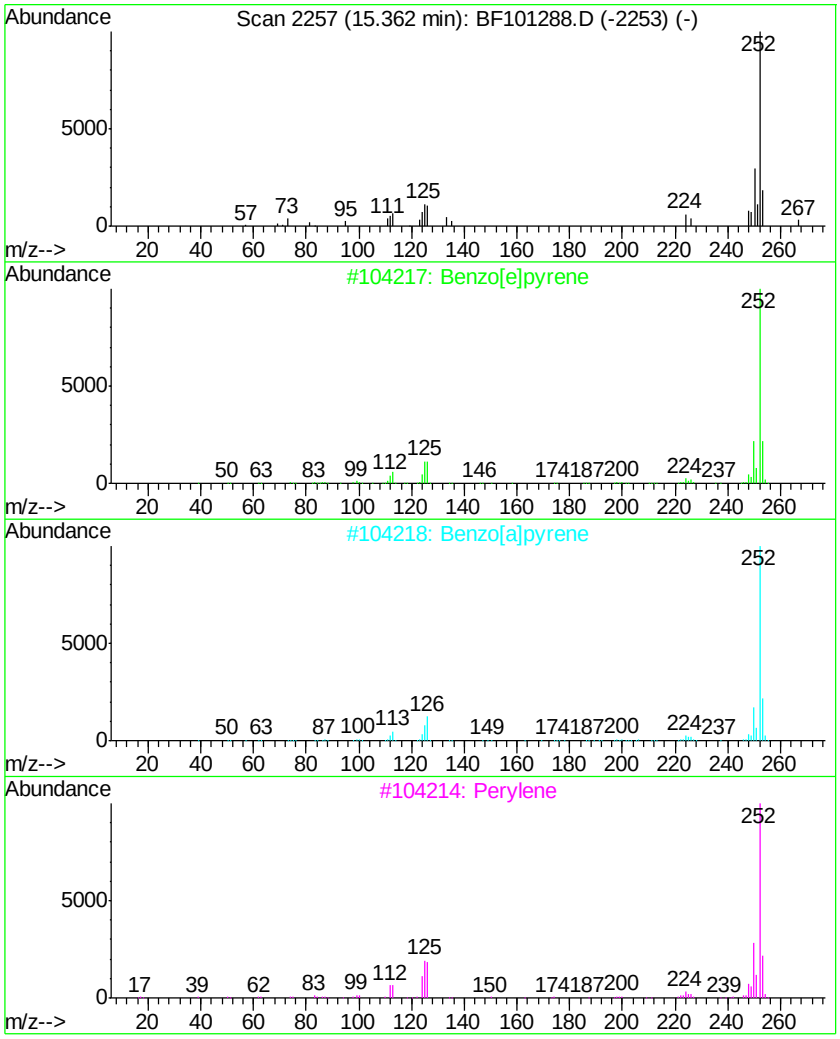
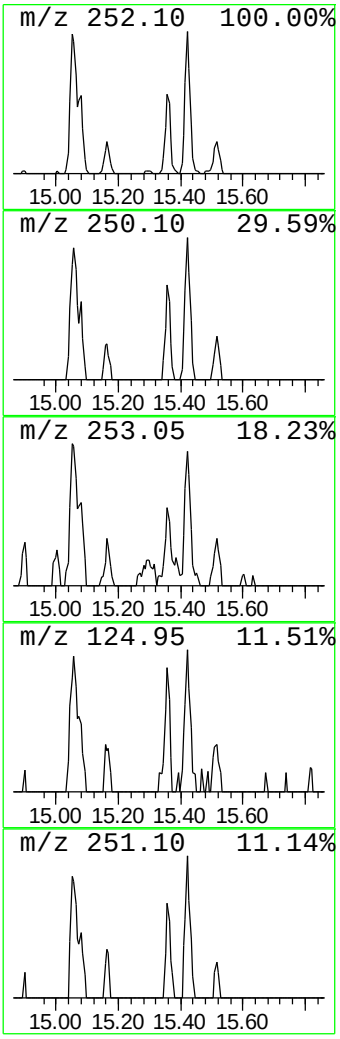
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.51 ng	32610	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	87
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.60	6.60	18.1	ng	259999	1	6.83	286467	20.0
Benzo[e]pyrene	15.36	2.5	ng	32610	6	15.49	259714	20.0