

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121861.D
 Acq On : 6 Oct 2020 19:33
 Operator : JU/CG
 Sample : L4248-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NP-SOIL

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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	3.757	280	284	290	rVB	6775	10877	1.13%	0.124%
2	5.381	557	560	579	rBV	347046	423213	43.86%	4.835%
3	6.404	731	734	752	rBV	357317	445977	46.22%	5.095%
4	6.763	791	795	803	rBV	771162	657313	68.12%	7.510%
5	7.328	887	891	901	rBV	249544	286523	29.69%	3.274%
6	8.045	1009	1013	1034	rVB	853808	798425	82.74%	9.122%
7	9.122	1192	1196	1207	rBV	449863	472071	48.92%	5.394%
8	9.516	1260	1263	1271	rVB	49358	51940	5.38%	0.593%
9	9.657	1284	1287	1292	rBV	30313	28225	2.92%	0.322%
10	9.798	1307	1311	1321	rBV	845914	761041	78.87%	8.695%
11	10.586	1442	1445	1455	rBV	173342	187806	19.46%	2.146%
12	10.704	1461	1465	1472	rVB3	10350	16032	1.66%	0.183%
13	11.145	1534	1540	1544	rBV6	6537	10882	1.13%	0.124%
14	11.280	1559	1563	1566	rBV	710612	675896	70.04%	7.722%
15	11.304	1566	1567	1572	rVV	102196	84501	8.76%	0.965%
16	11.357	1574	1576	1580	rVB	26189	25465	2.64%	0.291%
17	11.786	1645	1649	1651	rBV	19160	18924	1.96%	0.216%
18	11.816	1651	1654	1657	rVB	25401	25918	2.69%	0.296%
19	11.898	1664	1668	1670	rBV	22510	26534	2.75%	0.303%
20	12.080	1694	1699	1702	rBV3	20395	22029	2.28%	0.252%
21	12.110	1702	1704	1707	rVV	14216	12301	1.27%	0.141%
22	12.333	1739	1742	1744	rBV	24676	23507	2.44%	0.269%
23	12.369	1745	1748	1750	rVV3	20171	22363	2.32%	0.256%
24	12.422	1754	1757	1761	rVV	20116	23783	2.46%	0.272%
25	12.492	1766	1769	1773	rBV	250292	236741	24.53%	2.705%
26	12.592	1783	1786	1789	rBV	23270	21752	2.25%	0.249%
27	12.722	1803	1808	1815	rBV	242058	265508	27.51%	3.034%
28	12.774	1815	1817	1822	rVB2	15353	17249	1.79%	0.197%
29	12.863	1826	1832	1839	rBV	486741	471802	48.89%	5.390%
30	12.945	1841	1846	1850	rBV3	25545	45865	4.75%	0.524%
31	13.051	1862	1864	1867	rVB	33219	30195	3.13%	0.345%
32	13.157	1879	1882	1885	rBV2	31774	32499	3.37%	0.371%
33	13.251	1895	1898	1901	rBV	23012	27222	2.82%	0.311%
34	13.563	1949	1951	1956	rVB	37039	30861	3.20%	0.353%

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

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35	13.669	1967	1969	1972	rBV	35616	38137	3.95%	0.436%
36	13.769	1984	1986	1988	rBV	38051	44482	4.61%	0.508%
37	13.921	2007	2012	2015	rBV2	894989	964976	100.00%	11.025%
38	13.945	2015	2016	2024	rVB	172336	130078	13.48%	1.486%
39	14.951	2183	2187	2190	rBV	148819	228887	23.72%	2.615%
40	15.239	2234	2236	2243	rVB	92537	110053	11.40%	1.257%
41	15.304	2243	2247	2251	rBV	134962	185281	19.20%	2.117%
42	15.363	2253	2257	2268	rVB	548890	759362	78.69%	8.676%

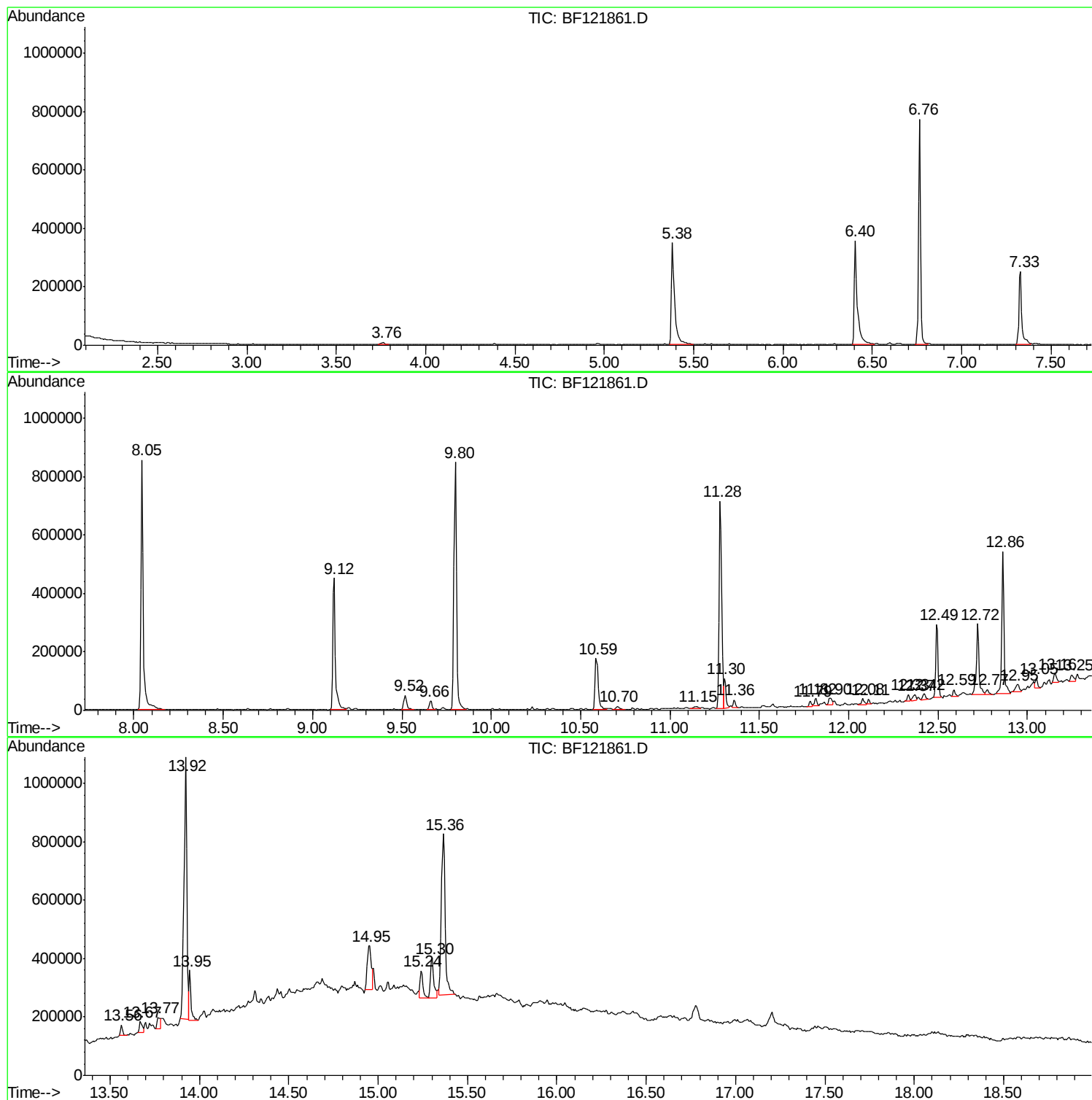
Sum of corrected areas: 8752496

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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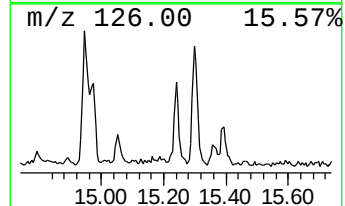
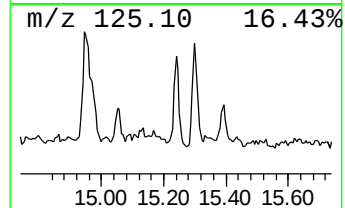
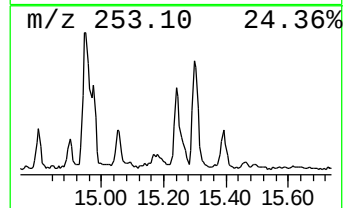
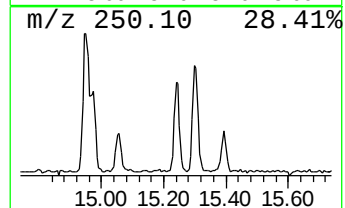
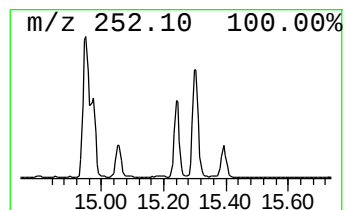
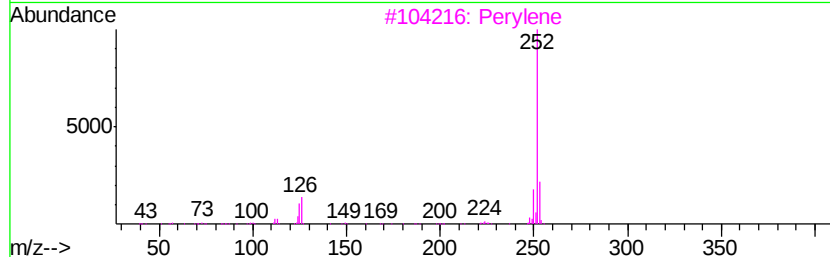
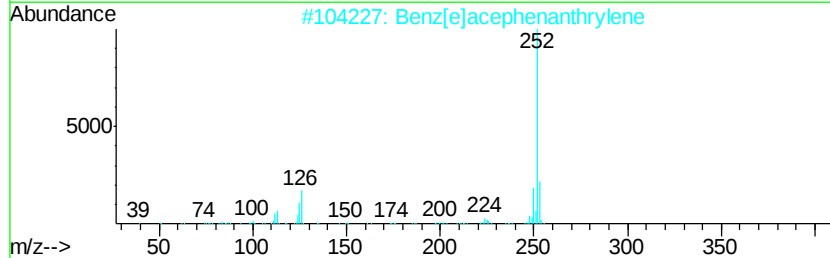
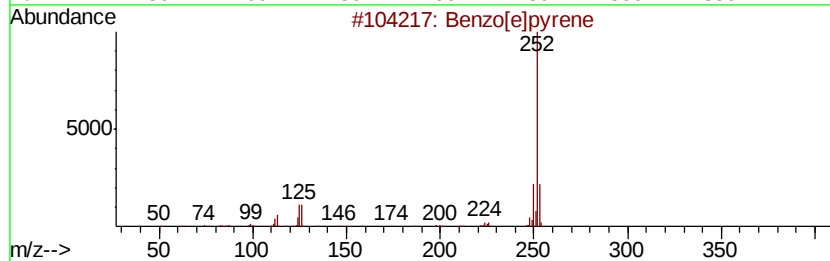
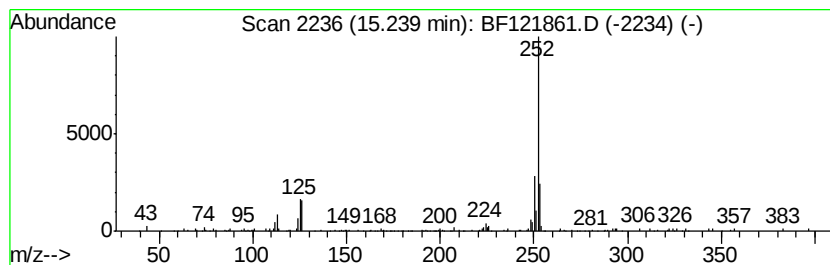
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.90 ng	110053	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzo[e]pyrene	15.24	2.9 ng		110053	6	15.36	759362	20.0