LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IS-SOIL-PILE

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	480	484	493	rBV	7260	13759	1.28%	0.099%
2	5.351	552	555	585	rBV	654474	908838	84.51%	6.533%
3	6.381	727	730	758	rBV	626472	907669	84.40%	6.525%
4	6.728	786	789	800	rVB	699152	593300	55.17%	4.265%
5	7.298	882	886	907	rBV	513762	621399	57.78%	4.467%
6	8.010	1004	1007	1022	rBV	773008	751549	69.88%	5.403%
7	9.080	1186	1189	1199	rBV	1141130	1075482	100.00%	7.731%
8	9.486	1254	1258	1265	rVB	106148	113864	10.59%	0.819%
9	9.763	1301	1305	1308	rBV	781800	773093	71.88%	5.557%
10	9.792	1308	1310	1321	rVB	41424	46631	4.34%	0.335%
11	10.310	1394	1398	1403	rBV	13905	17866	1.66%	0.128%
12	10.404	1411	1414	1420	rBV4	8599	11002	1.02%	0.079%
13	10.551	1436	1439	1454	rBV	429927	524618	48.78%	3.771%
14	10.669	1454	1459	1467	rVB2	26973	40920	3.80%	0.294%
15	10.863	1488	1492	1494	rBV4	10190	12656	1.18%	0.091%
16	11.104	1529	1533	1535	rBV2	32917	29709	2.76%	0.214%
17	11.139	1535	1539	1545	rVB3	30246	45478	4.23%	0.327%
18	11.245	1553	1557	1559	rBV	756527	670085	62.31%	4.817%
19	11.269	1559	1561	1568	rVV	431937	392207	36.47%	2.819%
20	11.322	1568	1570	1578	rVB	78856	85200	7.92%	0.612%
21	11.492	1595	1599	1604	rBV2	19409	30086	2.80%	0.216%
22	11.533	1604	1606	1610	rVB2	20253	18876	1.76%	0.136%
23	11.751	1640	1643	1645	rBV	42157	41598	3.87%	0.299%
24	11.780	1645	1648	1653	rVV	67310	76829	7.14%	0.552%
25	11.827	1653	1656	1658	rVV	24874	24264	2.26%	0.174%
26	11.857	1658	1661	1664	rVV	55734	68919	6.41%	0.495%
27	11.886	1664	1666	1668	rVV	32572	27205	2.53%	0.196%
28	11.939	1672	1675	1678	rBV	19756	16757	1.56%	0.120%
29	12.039	1690	1692	1697	rBV	38238	36760	3.42%	0.264%
30	12.086	1698	1700	1703	rVB2	18644	16882	1.57%	0.121%
31	12.298	1733	1736	1738	rBV	26689	21867	2.03%	0.157%
32	12.327	1738	1741	1744	rVB3	26487	28419	2.64%	0.204%
33	12.357	1744	1746	1749	rBV3	11740	12337	1.15%	0.089%
34	12.392	1749	1752	1755	rVV2	24453	22967	2.14%	0.165%
35	12.457	1760	1763	1768	rBV	607114	561971	52.25%	4.040%
36	12.610	1786	1789	1792	rBV	34074	33998	3.16%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IS-SOIL-PILE

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.686	1797	1802	1809	rBV	480064	569105	52.92%	4.091%
38	12.739	1809	1811	1815	rVB2	21520	25571	2.38%	0.184%
39	12.827	1820	1826	1830	rVV	1014254	925895	86.09%	6.656%
40	12.857	1830	1831	1834	rVV2	24901	21382	1.99%	0.154%
41	12.910	1836	1840	1845	rVB4	28527	53681	4.99%	0.386%
42	13.016	1851	1858	1861	rBV2	45345	79898	7.43%	0.574%
43	13.051	1861	1864	1867	rVV4	24366	28653	2.66%	0.206%
44	13.086	1868	1870	1872	rVV	26058	20266	1.88%	0.146%
45	13.121	1872	1876	1881	rVV3	47859	66528	6.19%	0.478%
46	13.180	1883	1886	1888	rVV3	14952	17472	1.62%	0.126%
47	13.216	1890	1892	1895	rVV	22803	22109	2.06%	0.159%
48	13.245	1895	1897	1906	rVB4	26797	41507	3.86%	0.298%
49	13.339	1911	1913	1916	rVB2	19134	18333	1.70%	0.132%
50	13.398	1919	1923	1924	rBV2	27131	29359	2.73%	0.211%
51	13.539	1944	1947	1949	rBV	50991	49486	4.60%	0.356%
52	13.639	1961	1964	1966	rBV2	60584	60496	5.63%	0.435%
53	13.663	1966	1968	1970	rVB	41481	28405	2.64%	0.204%
54	13.692	1970	1973	1974	rBV	34098	28785	2.68%	0.207%
55	13.745	1979	1982	1989	rVB2	100541	149062	13.86%	1.072%
56	13.886	1999	2006	2009	rBV2	823801	1037630	96.48%	7.459%
57	13.915	2009	2011	2019	rVB	274968	252262	23.46%	1.813%
58	13.992	2022	2024	2027	rVB	24199	20643	1.92%	0.148%
59	14.039	2030	2032	2034	rBV	22040	19908	1.85%	0.143%
60	14.345	2081	2084	2088	rBV4	40879	45741	4.25%	0.329%
61	14.498	2108	2110	2115	rBV	60022	56623	5.26%	0.407%
62	14.915	2177	2181	2184	rBV	240486	335446	31.19%	2.411%
63	15.204	2227	2230	2234	rBV	125505	140338	13.05%	1.009%
64	15.268	2237	2241	2245	rVB	167302	202703	18.85%	1.457%
65	15.321	2246	2250	2254	rBV	544672	654559	60.86%	4.705%
66	15.721	2315	2318	2321	rBV	39309	51545	4.79%	0.371%
67	16.739	2487	2491	2499	rVB	94507	182453	16.96%	1.312%

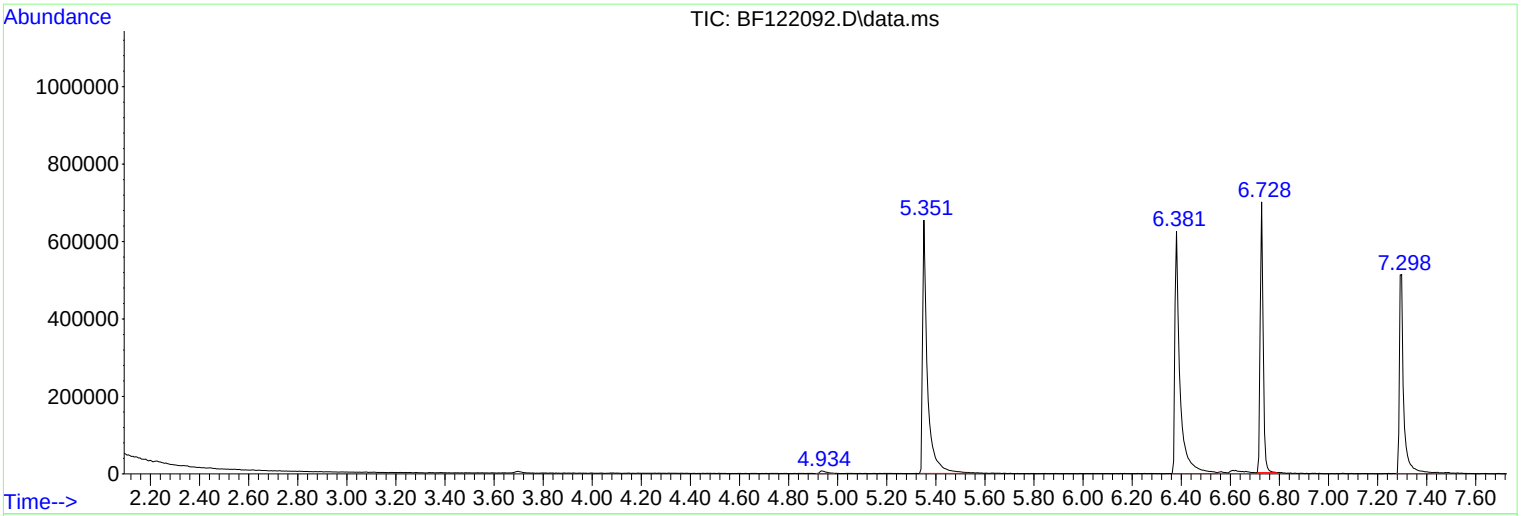
Sum of corrected areas: 13910904

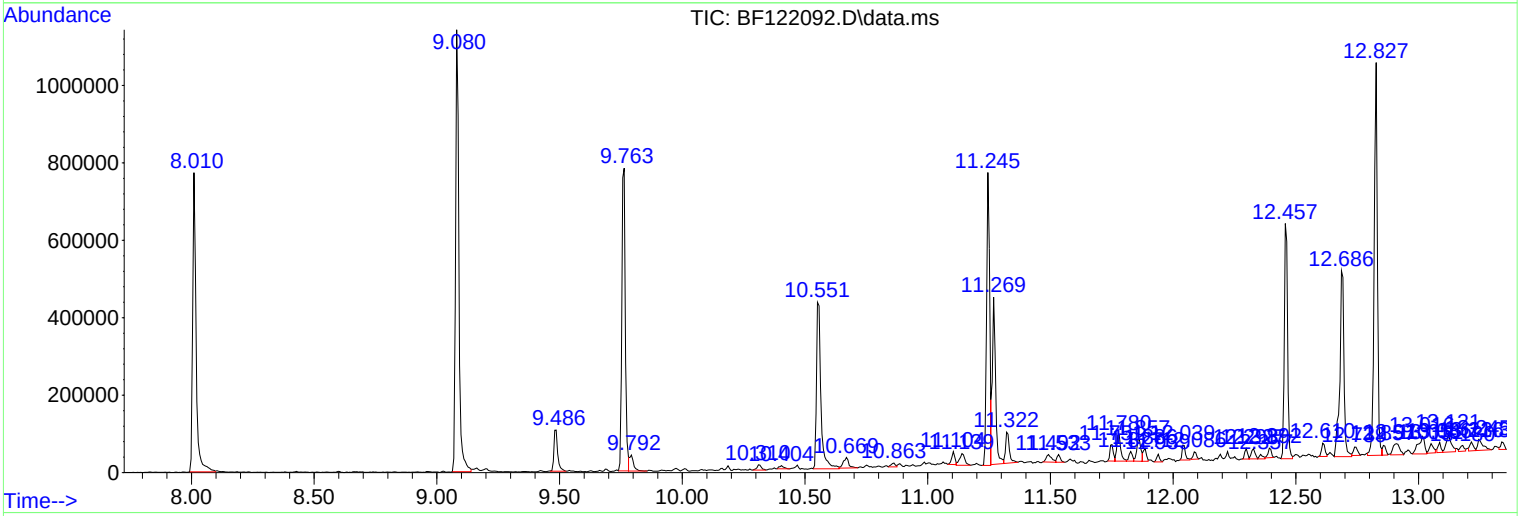
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

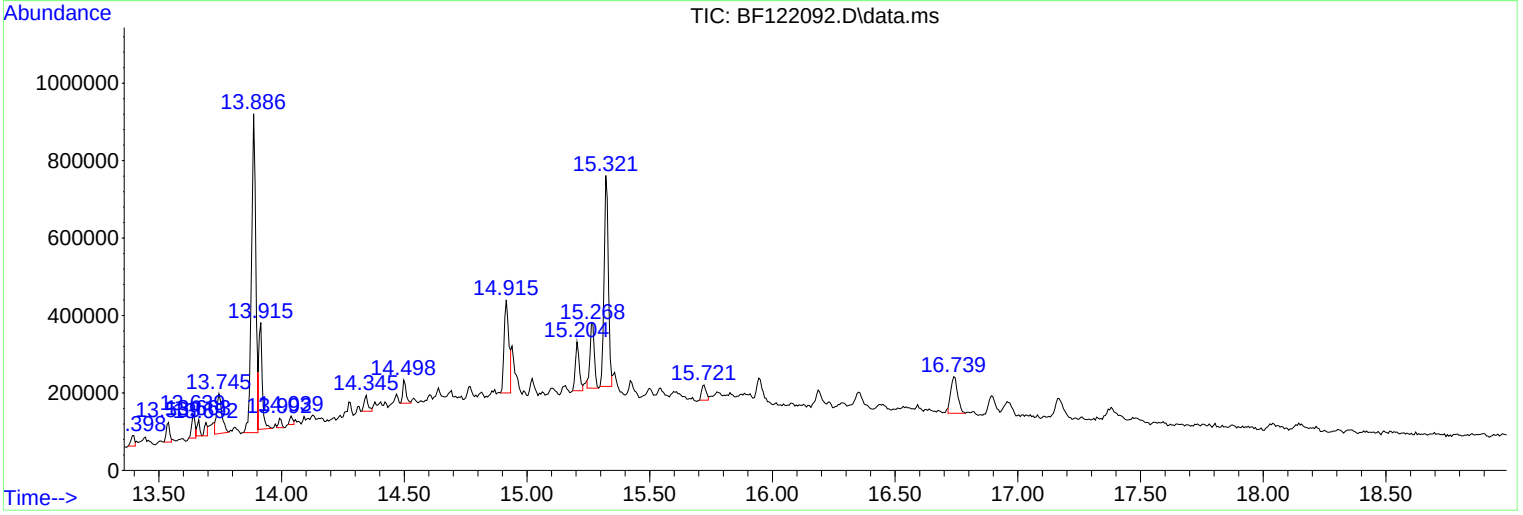
Instrument :
BNA_F
ClientSampleId :
IS-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IS-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

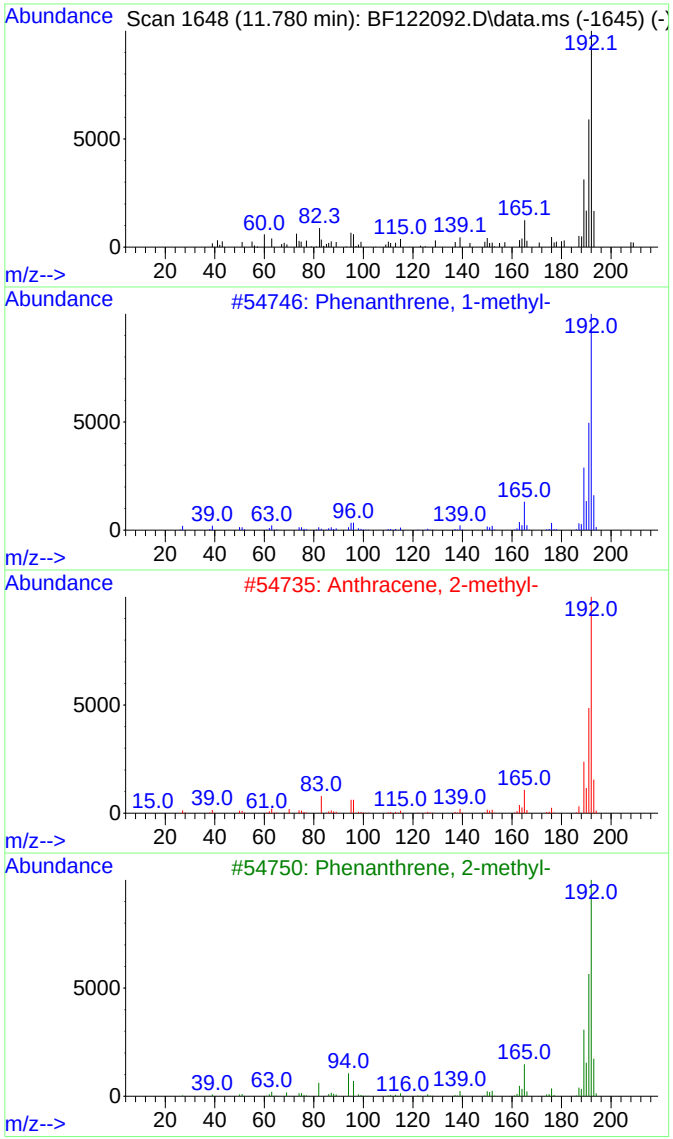
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

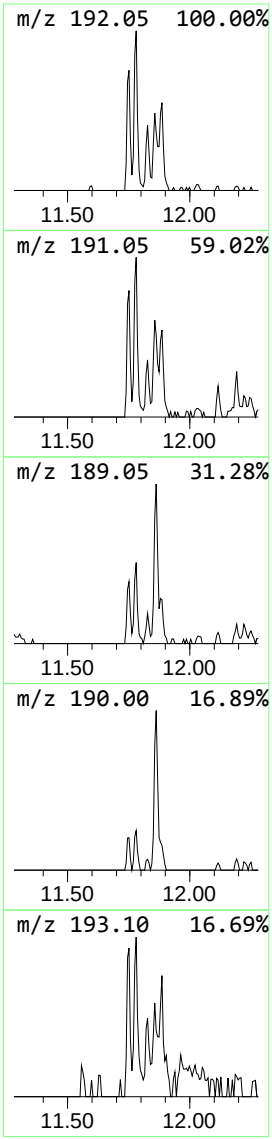
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	2.29 ng	76829	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IS-SOIL-PILE

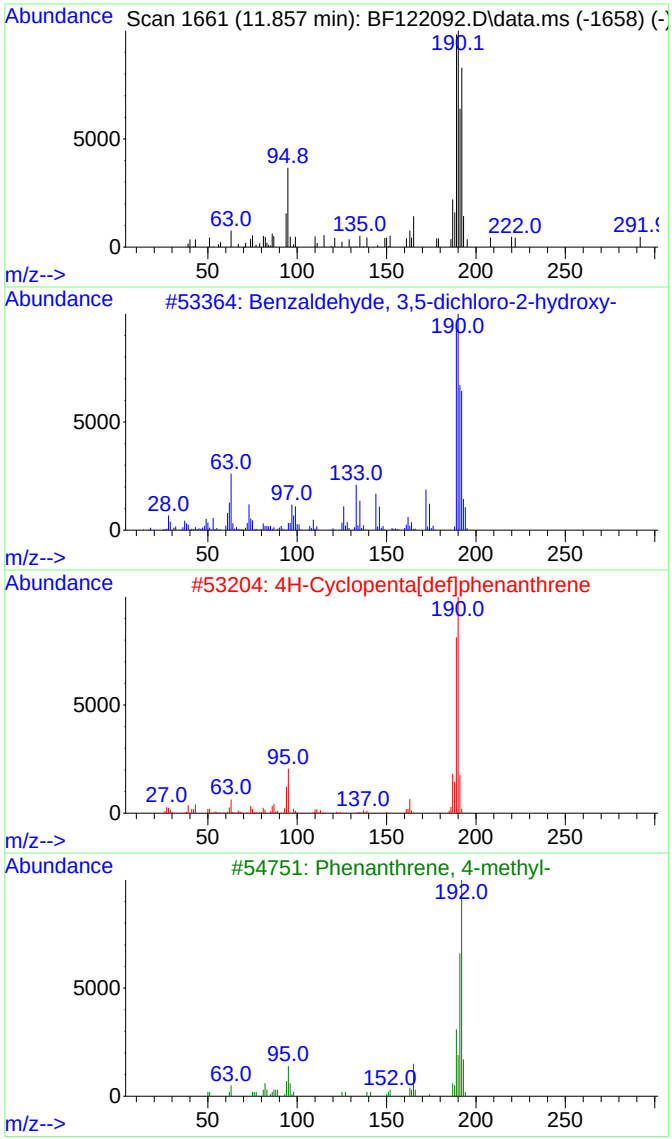
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

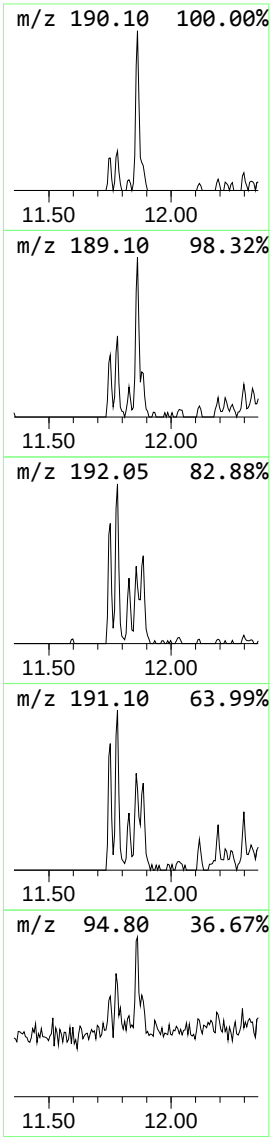
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.06 ng	68919	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Diethylamino(trichloro)silane	205	C4H10Cl3NSi	1000322-55-9	35
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IS-SOIL-PILE

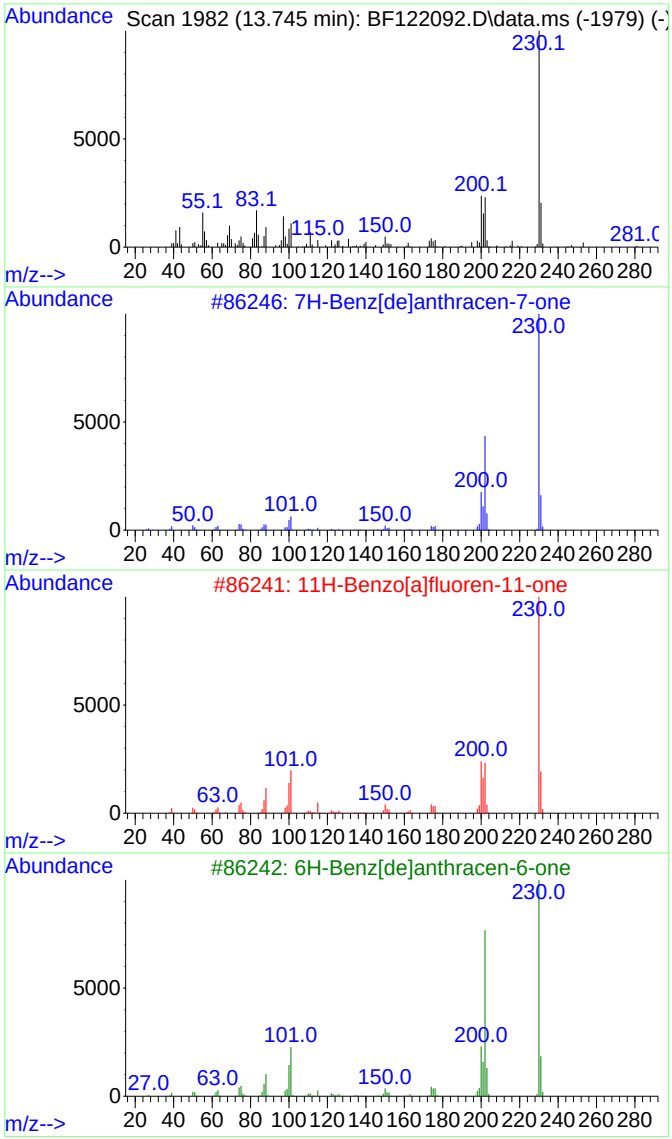
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

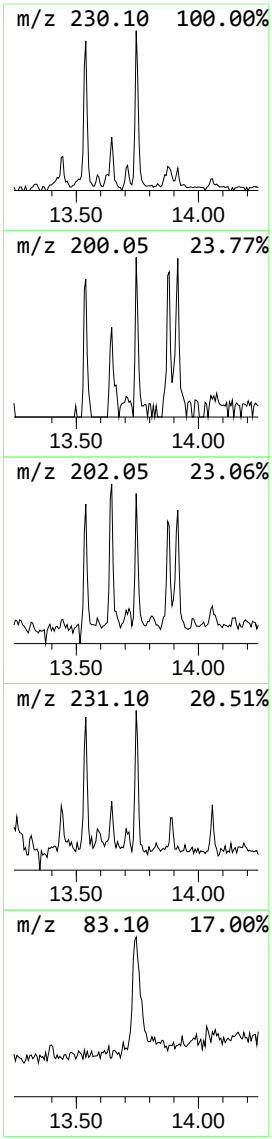
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7H-Benz[de]anthracen-7-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	2.87 ng	149062	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IS-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

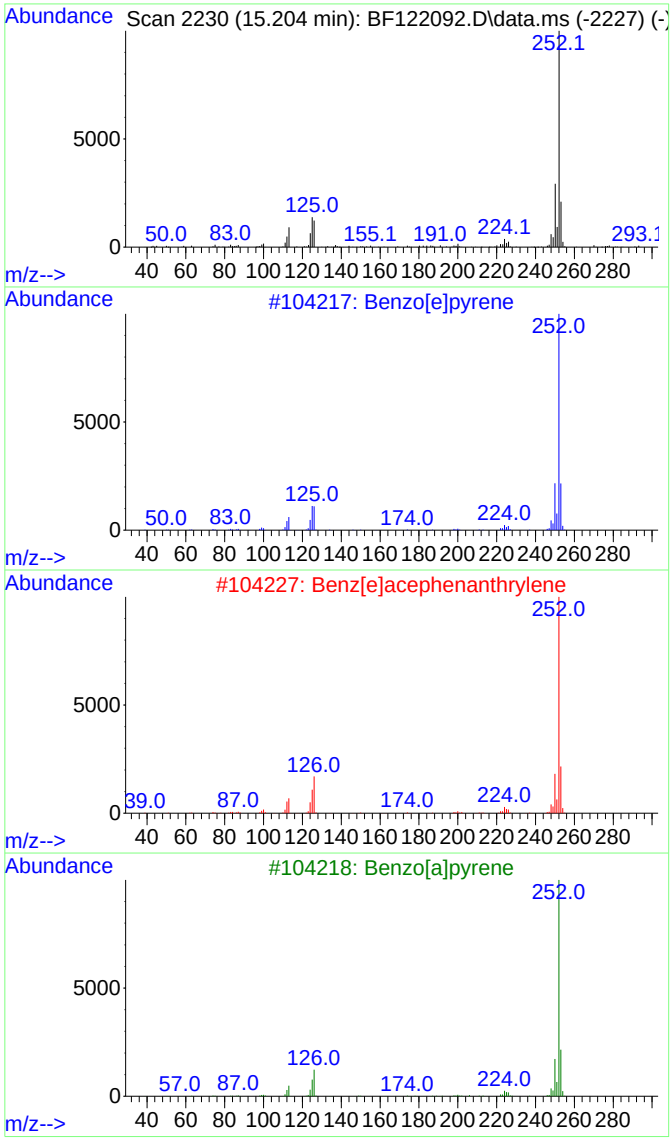
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

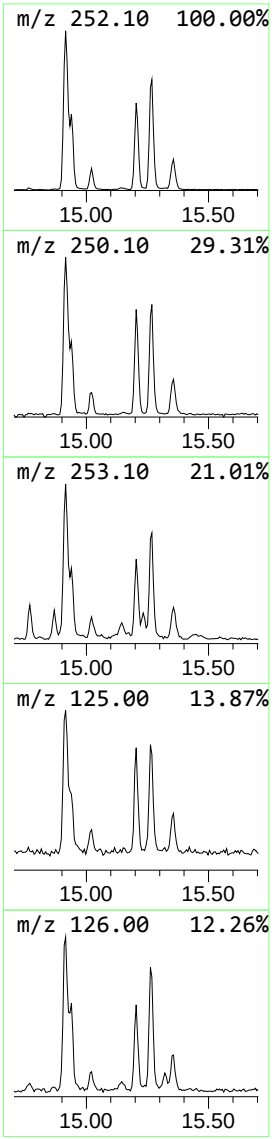
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	4.29 ng	140338	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122092.D
Acq On : 22 Oct 2020 19:34
Operator : JU/CG
Sample : L4480-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IS-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Phenanthrene, 1...	11.780	2.3	ng	76829	4	11.245	670085	20.0
Benzaldehyde, 3...	11.857	2.1	ng	68919	4	11.245	670085	20.0
7H-Benz[de]anth...	13.745	2.9	ng	149062	5	13.886	1037630	20.0
Benzo[e]pyrene	15.204	4.3	ng	140338	6	15.321	654559	20.0