LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123330.D
Acq On : 1 Mar 2021 17:09
Operator : JU/CG
Sample : M1506-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022621

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	26	31	37	rBV	221823	251243	11.38%	0.847%
2	3.993	319	324	329	rBV	20096	23394	1.06%	0.079%
3	5.481	573	577	587	rBV	1334916	1165166	52.79%	3.926%
4	6.487	743	748	758	rBV	1026725	1183110	53.61%	3.987%
5	6.851	805	810	814	rBV	1733487	1607168	72.82%	5.416%
6	7.410	899	905	914	rBV	783198	755789	34.24%	2.547%
7	8.133	1021	1028	1032	rBV	1925551	2101992	95.24%	7.083%
8	9.210	1205	1211	1217	rBV	1490986	1302515	59.02%	4.389%
9	9.610	1276	1279	1282	rVB3	23420	26822	1.22%	0.090%
10	9.898	1320	1328	1331	rBV	2123314	2207054	100.00%	7.437%
11	9.927	1331	1333	1338	rVB	135314	108247	4.90%	0.365%
12	10.098	1357	1362	1367	rBV	95542	93686	4.24%	0.316%
13	10.322	1398	1400	1403	rVB	31456	27210	1.23%	0.092%
14	10.439	1417	1420	1426	rVB	127313	131904	5.98%	0.444%
15	10.598	1445	1447	1451	rVB	29315	27478	1.25%	0.093%
16	10.686	1455	1462	1473	rVV	707079	762609	34.55%	2.570%
17	10.810	1479	1483	1488	rVB2	47931	75792	3.43%	0.255%
18	10.992	1509	1514	1517	rBV5	27727	36689	1.66%	0.124%
19	11.186	1545	1547	1551	rVB	52034	51289	2.32%	0.173%
20	11.251	1552	1558	1561	rVV3	40431	71894	3.26%	0.242%
21	11.280	1561	1563	1569	rVB	104140	93129	4.22%	0.314%
22	11.386	1574	1581	1583	rVV	2247904	2066237	93.62%	6.963%
23	11.410	1583	1585	1588	rVV	1585382	1196129	54.20%	4.031%
24	11.463	1591	1594	1597	rVB	160690	150584	6.82%	0.507%
25	11.498	1597	1600	1603	rBV	46574	46592	2.11%	0.157%
26	11.616	1615	1620	1627	rBV	145327	176635	8.00%	0.595%
27	11.680	1628	1631	1633	rVV2	61617	52115	2.36%	0.176%
28	11.716	1636	1637	1643	rVB6	18254	24196	1.10%	0.082%
29	11.774	1644	1647	1650	rBV	80631	75386	3.42%	0.254%
30	11.845	1656	1659	1661	rBV3	25783	26328	1.19%	0.089%
31	11.886	1663	1666	1668	rVV	100561	94227	4.27%	0.318%
32	11.916	1668	1671	1677	rVB	372449	363779	16.48%	1.226%
33	12.004	1682	1686	1688	rBV	187018	190229	8.62%	0.641%
34	12.086	1694	1700	1704	rBV2	51552	89954	4.08%	0.303%
35	12.121	1704	1706	1709	rVV2	28092	31102	1.41%	0.105%
36	12.186	1714	1717	1719	rVV	94362	96079	4.35%	0.324%

LSC Area Percent Report

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Sample : M1506-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022621

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.210	1719	1721	1725	rVB2	231985	189603	8.59%	0.639%
38	12.363	1745	1747	1750	rBV	100262	89862	4.07%	0.303%
39	12.439	1758	1760	1762	rBV	35922	35325	1.60%	0.119%
40	12.468	1762	1765	1766	rVV3	95584	93930	4.26%	0.317%
41	12.486	1766	1768	1772	rVB3	152775	132181	5.99%	0.445%
42	12.527	1772	1775	1779	rVB	62353	53088	2.41%	0.179%
43	12.574	1780	1783	1784	rBV2	53856	43948	1.99%	0.148%
44	12.604	1784	1788	1791	rBV	1988020	1690115	76.58%	5.695%
45	12.704	1802	1805	1808	rBV2	115075	130696	5.92%	0.440%
46	12.833	1821	1827	1832	rBV	1647865	1683254	76.27%	5.672%
47	12.880	1833	1835	1840	rVB2	52228	53785	2.44%	0.181%
48	12.974	1844	1851	1854	rBV	1361681	1215098	55.06%	4.095%
49	13.051	1860	1864	1868	rBV2	69090	126080	5.71%	0.425%
50	13.139	1876	1879	1880	rBV2	62366	60416	2.74%	0.204%
51	13.163	1880	1883	1886	rVB	162048	143814	6.52%	0.485%
52	13.227	1892	1894	1897	rVB	88264	60611	2.75%	0.204%
53	13.263	1898	1900	1903	rVV2	69566	67366	3.05%	0.227%
54	13.674	1967	1970	1974	rVB	82687	84082	3.81%	0.283%
55	13.786	1986	1989	1991	rBV2	81760	89090	4.04%	0.300%
56	13.810	1991	1993	1995	rVV	82804	71052	3.22%	0.239%
57	13.839	1995	1998	2002	rVV2	114156	161810	7.33%	0.545%
58	13.886	2003	2006	2015	rVB3	187246	337210	15.28%	1.136%
59	14.039	2027	2032	2035	rBV2	1886743	2199565	99.66%	7.412%
60	14.063	2035	2036	2039	rVB	645288	381692	17.29%	1.286%
61	14.145	2047	2050	2052	rBV	121954	101717	4.61%	0.343%
62	15.086	2206	2210	2213	rBV	668644	973349	44.10%	3.280%
63	15.392	2259	2262	2267	rVB	361103	453295	20.54%	1.527%
64	15.451	2269	2272	2278	rBV	517207	650405	29.47%	2.192%
65	15.521	2279	2284	2287	rBV	1164097	1519665	68.85%	5.121%

Sum of corrected areas: 29675856

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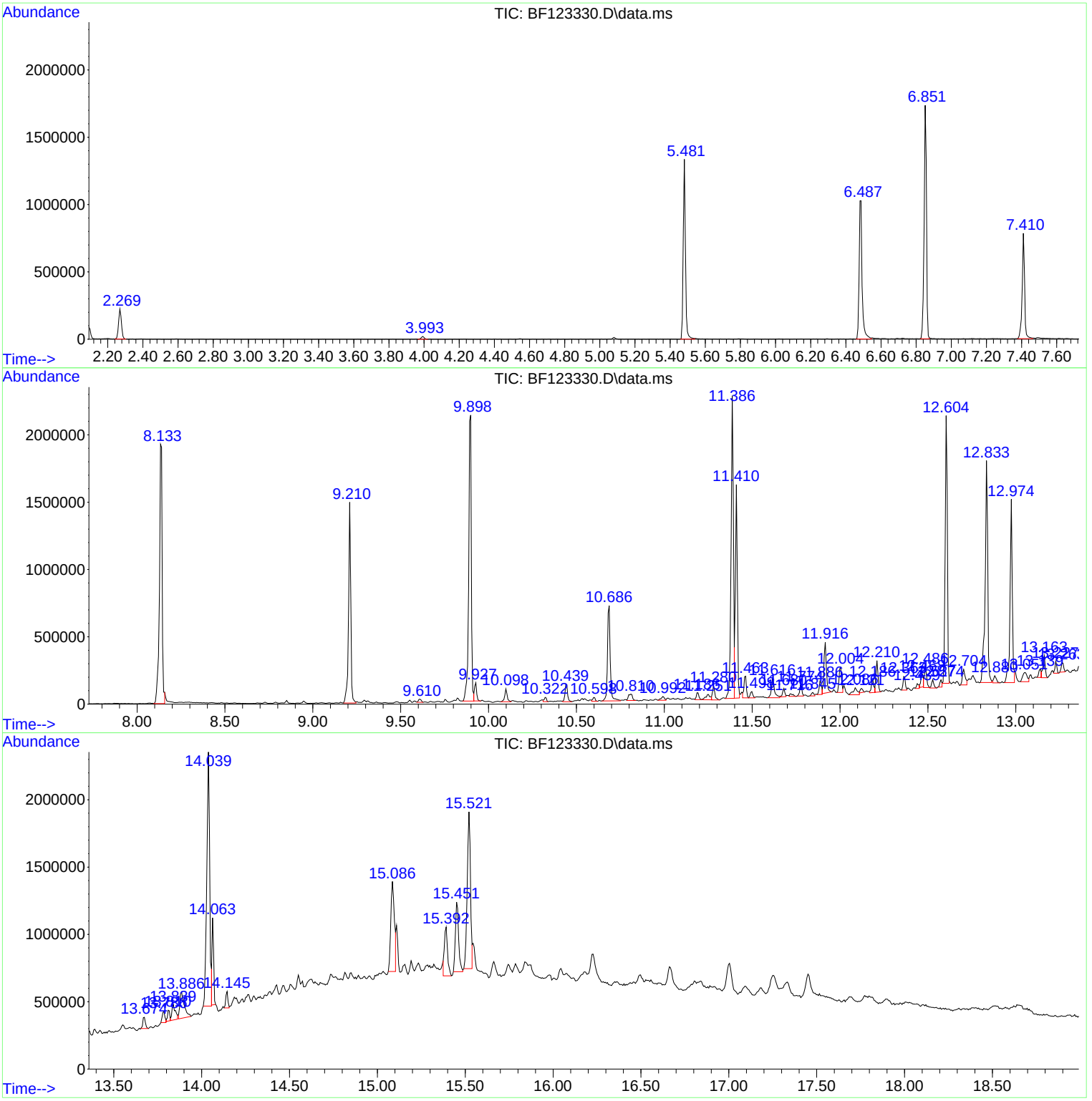
Instrument :
BNA_F
ClientSampleId :
OR-03-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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\BF030121\
Data File : BF123330.D
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TIC Library : C:\DATABASE\NIST11.L
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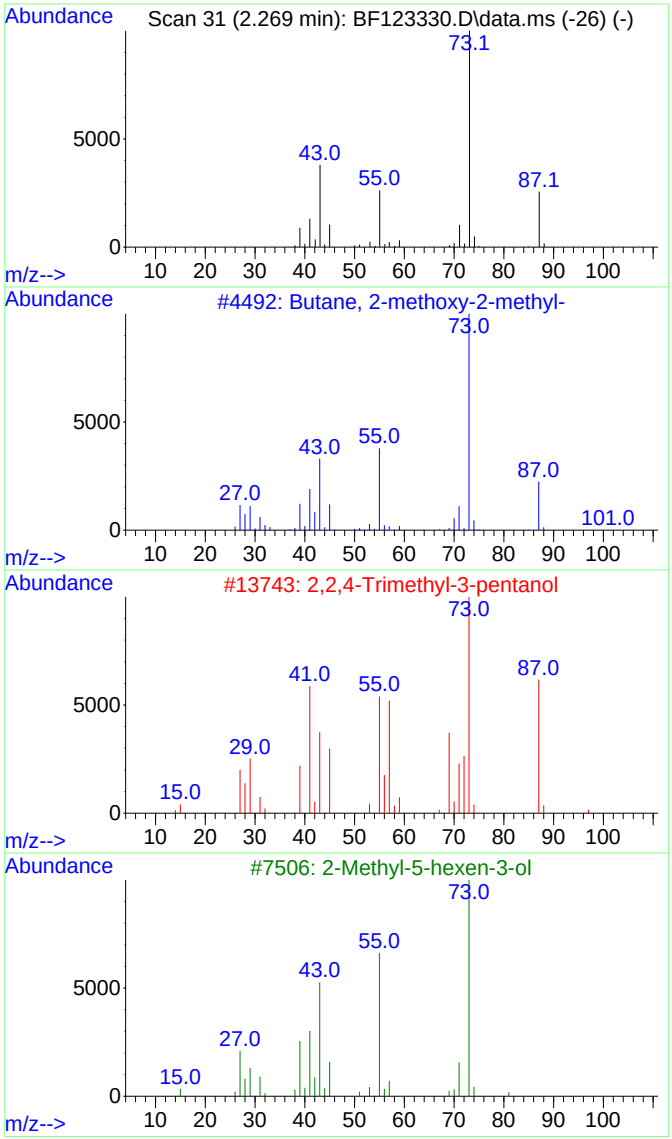
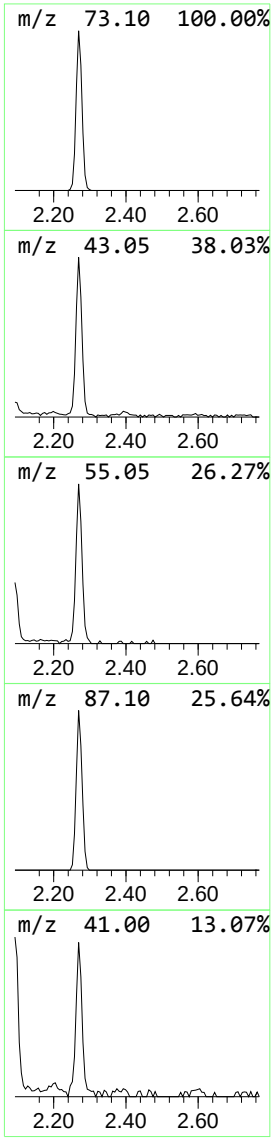
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	3.13 ng	251243	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument :
BNA_F
ClientSampleId :
OR-03-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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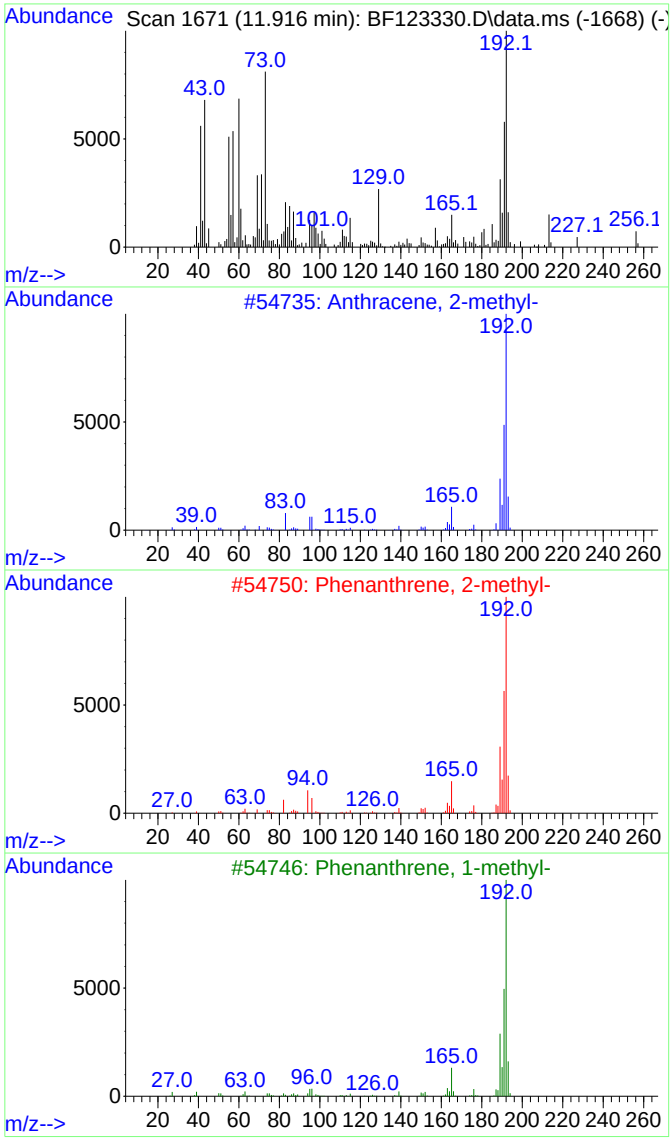
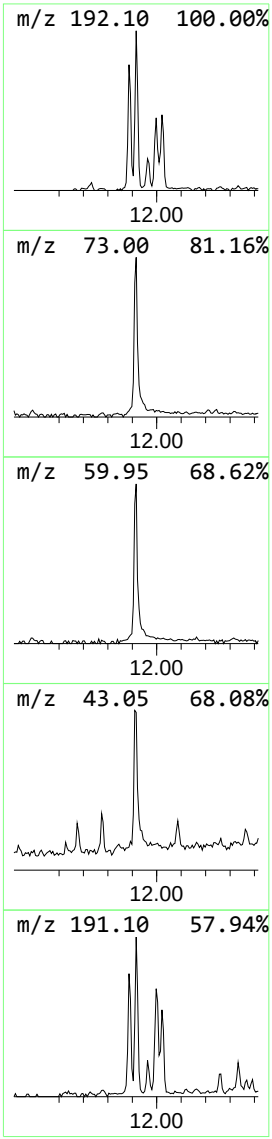
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.52 ng	363779	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : M1506-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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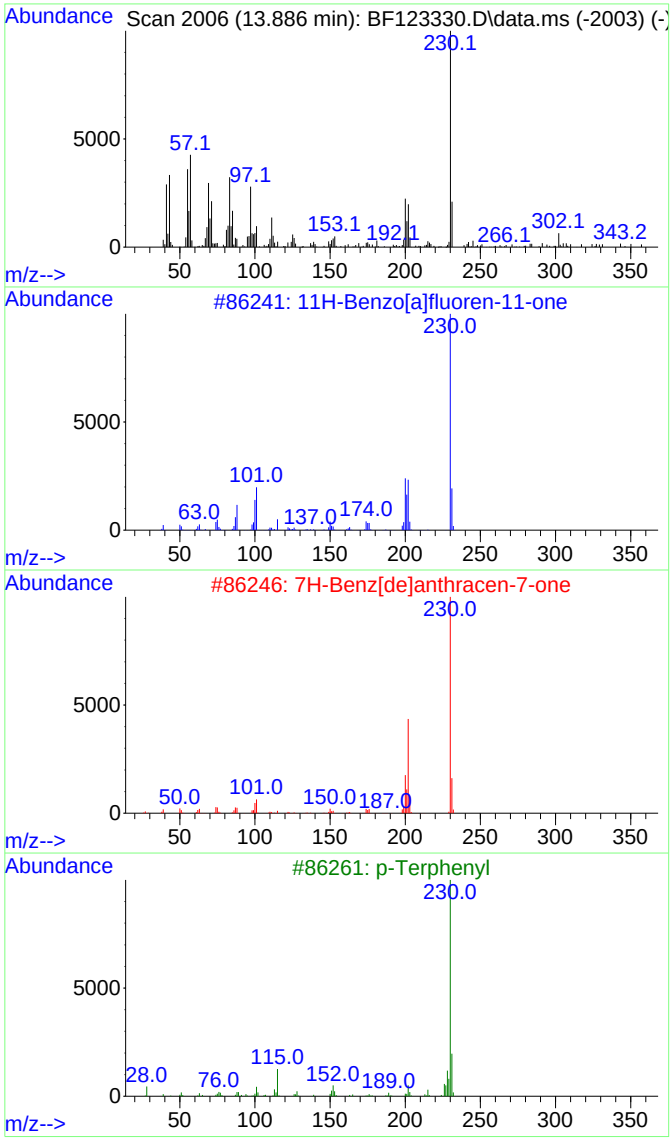
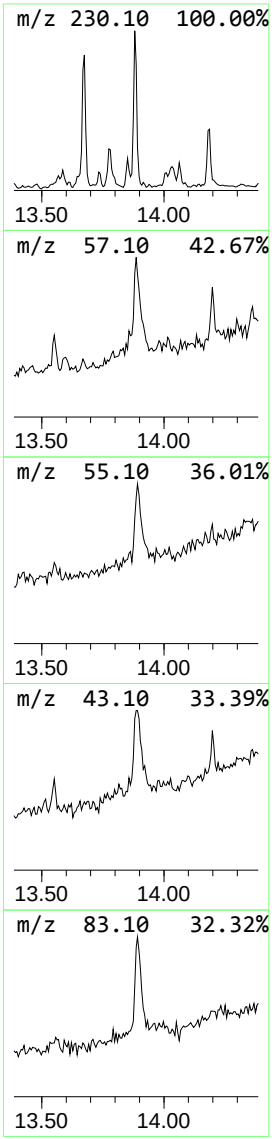
Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.07 ng	337210	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	p-Terphenyl	230	C18H14	000092-94-4	43
4	8-Chlorobenzo[h][1,6]-naphthyrid...	230	C12H7ClN2O	025100-26-9	43
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	42





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-022621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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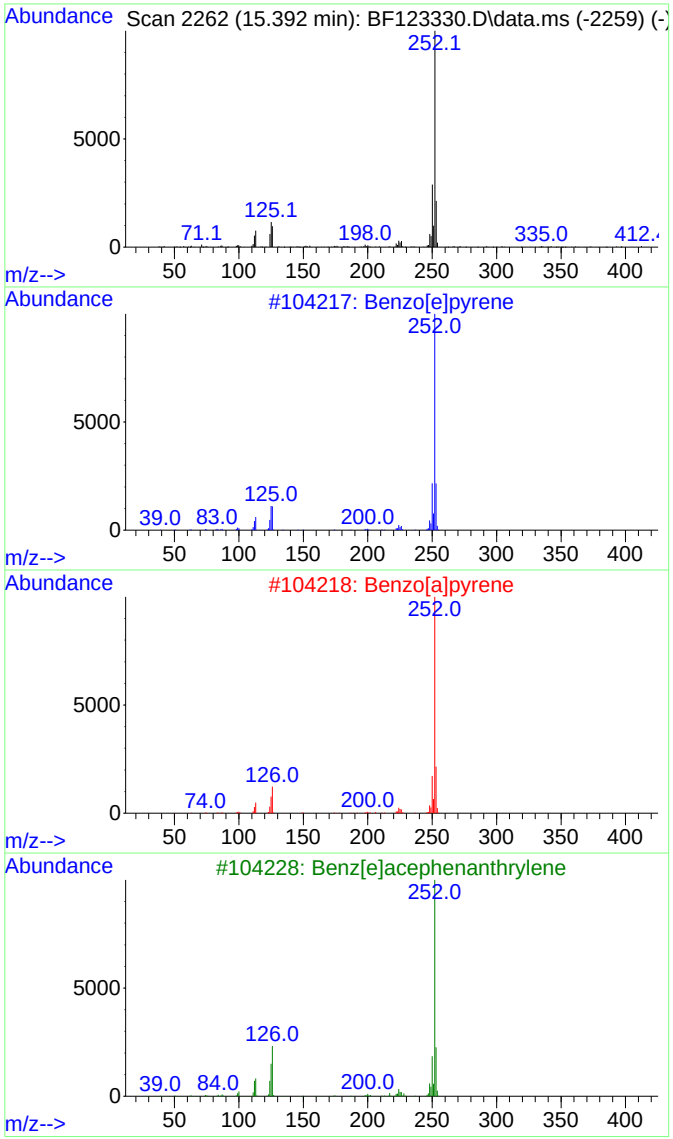
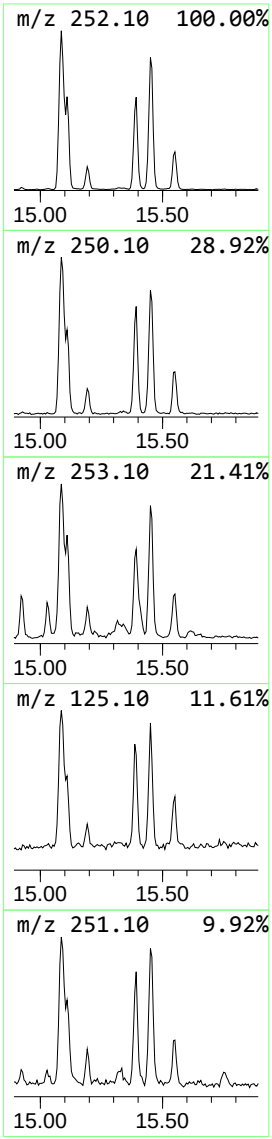
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	5.97 ng	453295	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	3.1	ng	251243	1	6.851	1607170	20.0
Anthracene, 2-m...	11.916	3.5	ng	363779	4	11.386	2066240	20.0
11H-Benzo[a]flu...	13.886	3.1	ng	337210	5	14.039	2199570	20.0
Benzo[e]pyrene	15.392	6.0	ng	453295	6	15.521	1519670	20.0