LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128051.D
Acq On : 03 May 2022 17:46
Operator : CG\JU
Sample : N2647-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 357

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128051.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.157	484	488	494	rVB	37147	45792	1.87%	0.190%
2	5.540	548	553	556	rBV	2493872	2318114	94.65%	9.613%
3	6.540	718	723	726	rBV	2221950	2449183	100.00%	10.157%
4	6.910	783	786	790	rBV	710086	640590	26.16%	2.656%
5	7.481	877	883	886	rBV	1724132	1680506	68.61%	6.969%
6	8.198	1001	1005	1008	rBV	1038678	859856	35.11%	3.566%
7	9.275	1182	1188	1191	rBV	2631591	2346346	95.80%	9.730%
8	9.957	1300	1304	1307	rVV	1274938	997116	40.71%	4.135%
9	9.986	1307	1309	1313	rVB	90915	72621	2.97%	0.301%
10	10.157	1332	1338	1342	rBV2	37859	42721	1.74%	0.177%
11	10.375	1367	1375	1378	rVB5	17365	32397	1.32%	0.134%
12	10.504	1393	1397	1402	rVB	78410	68409	2.79%	0.284%
13	10.663	1418	1424	1430	rVB3	22585	36737	1.50%	0.152%
14	10.751	1434	1439	1442	rBV	2012894	1785070	72.88%	7.403%
15	10.863	1453	1458	1465	rVB5	26394	49516	2.02%	0.205%
16	11.051	1484	1490	1493	rBV4	24105	36793	1.50%	0.153%
17	11.251	1521	1524	1527	rVB	41732	35170	1.44%	0.146%
18	11.304	1527	1533	1536	rVV3	41202	58754	2.40%	0.244%
19	11.345	1537	1540	1544	rVB	51613	45020	1.84%	0.187%
20	11.451	1554	1558	1560	rBV	1079232	1011201	41.29%	4.193%
21	11.475	1560	1562	1565	rVV	924637	688966	28.13%	2.857%
22	11.522	1565	1570	1573	rVV	160089	138613	5.66%	0.575%
23	11.680	1592	1597	1600	rBV	65626	69554	2.84%	0.288%
24	11.951	1640	1643	1646	rBV2	98380	130806	5.34%	0.542%
25	11.974	1646	1647	1651	rVB	118232	91598	3.74%	0.380%
26	12.063	1658	1662	1664	rBV2	144786	147497	6.02%	0.612%
27	12.080	1664	1665	1669	rVB	58237	47659	1.95%	0.198%
28	12.245	1690	1693	1695	rBV	78544	62115	2.54%	0.258%
29	12.269	1695	1697	1703	rVB2	70971	66871	2.73%	0.277%
30	12.498	1733	1736	1739	rBV	49558	59318	2.42%	0.246%
31	12.586	1748	1751	1755	rBV	52258	51868	2.12%	0.215%
32	12.669	1760	1765	1768	rBV	1077860	965167	39.41%	4.002%
33	12.898	1797	1804	1807	rBV	831080	901528	36.81%	3.739%
34	12.939	1809	1811	1815	rVB2	44682	45407	1.85%	0.188%
35	13.033	1819	1827	1830	rBV	1759719	1545329	63.10%	6.408%
36	13.104	1835	1839	1844	rBV2	47767	81077	3.31%	0.336%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
357

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.198	1851	1855	1856	rBV3	36286	42347	1.73%	0.176%
38	13.221	1856	1859	1862	rVB	92432	86415	3.53%	0.358%
39	13.286	1868	1870	1873	rBV	51253	40305	1.65%	0.167%
40	13.327	1873	1877	1879	rVV2	57717	64953	2.65%	0.269%
41	13.351	1879	1881	1884	rVB	34642	25740	1.05%	0.107%
42	13.421	1890	1893	1895	rBV	31990	26997	1.10%	0.112%
43	13.451	1895	1898	1901	rBV2	35497	38383	1.57%	0.159%
44	13.727	1942	1945	1950	rVB	66261	69370	2.83%	0.288%
45	13.845	1960	1965	1967	rBV2	77515	95135	3.88%	0.395%
46	13.868	1967	1969	1971	rVV	50630	42685	1.74%	0.177%
47	13.898	1971	1974	1978	rVV2	40188	61742	2.52%	0.256%
48	13.939	1978	1981	1990	rVV3	83197	149366	6.10%	0.619%
49	14.063	1999	2002	2003	rBV	67193	56888	2.32%	0.236%
50	14.092	2003	2007	2010	rVV2	764233	989274	40.39%	4.102%
51	14.121	2010	2012	2018	rVB	367440	304633	12.44%	1.263%
52	14.198	2020	2025	2028	rBV3	61317	77175	3.15%	0.320%
53	14.321	2042	2046	2049	rVB2	31879	45130	1.84%	0.187%
54	14.480	2070	2073	2076	rVB	50587	43517	1.78%	0.180%
55	14.515	2076	2079	2081	rBV2	32408	27504	1.12%	0.114%
56	14.604	2092	2094	2097	rBV	28517	28814	1.18%	0.119%
57	15.157	2183	2188	2191	rBV	298423	472407	19.29%	1.959%
58	15.268	2204	2207	2210	rBV	44789	47647	1.95%	0.198%
59	15.468	2237	2241	2247	rVB	176450	227490	9.29%	0.943%
60	15.533	2248	2252	2258	rBV	243469	298703	12.20%	1.239%
61	15.604	2259	2264	2267	rVV	456910	591826	24.16%	2.454%
62	15.633	2267	2269	2275	rVB	73404	88456	3.61%	0.367%
63	17.127	2518	2523	2534	rVB2	94184	207431	8.47%	0.860%
64	17.592	2598	2602	2616	rVB	68567	158784	6.48%	0.658%

Sum of corrected areas: 24114402

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Instrument :
BNA_F
ClientSampleId :
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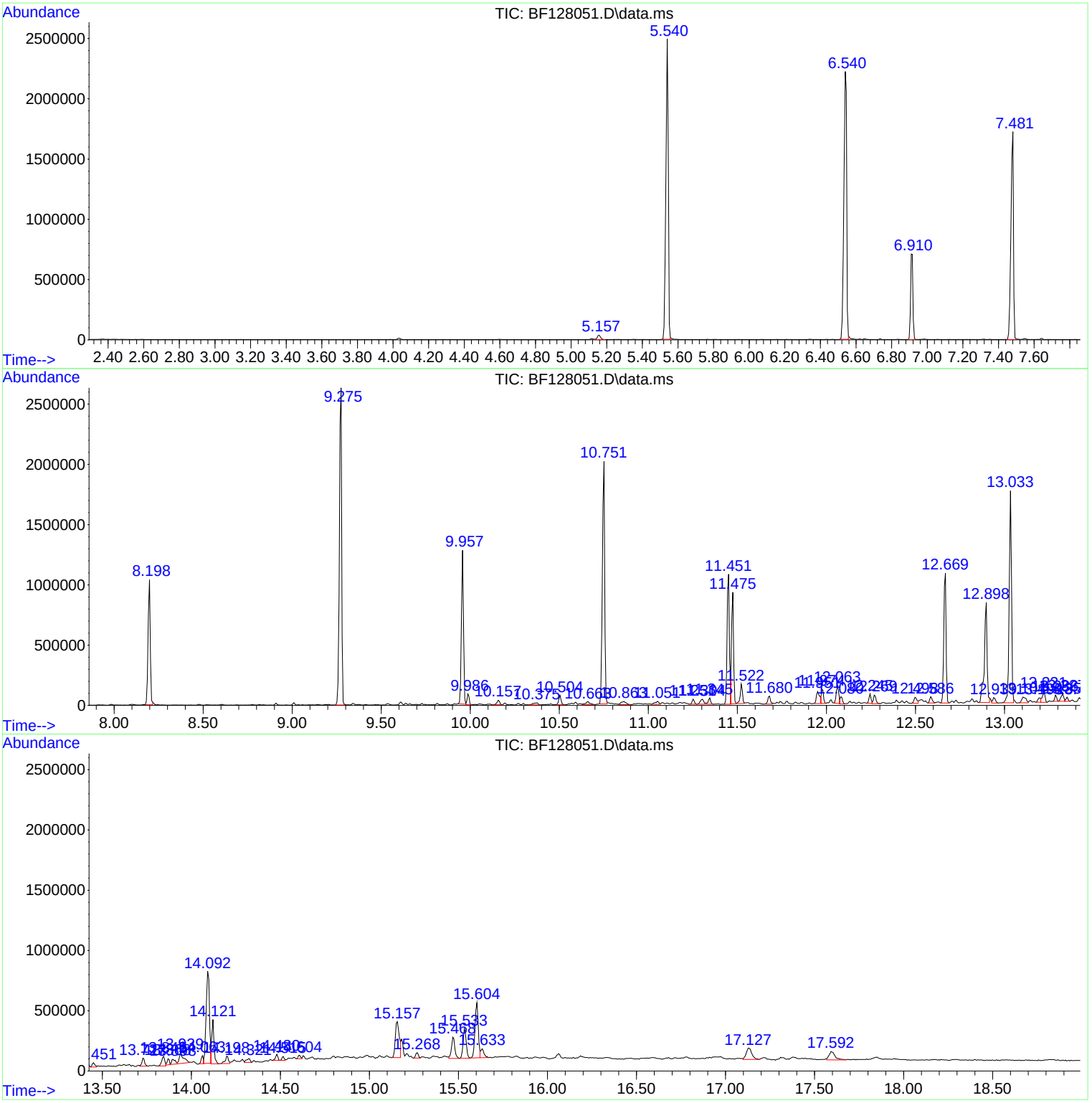
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
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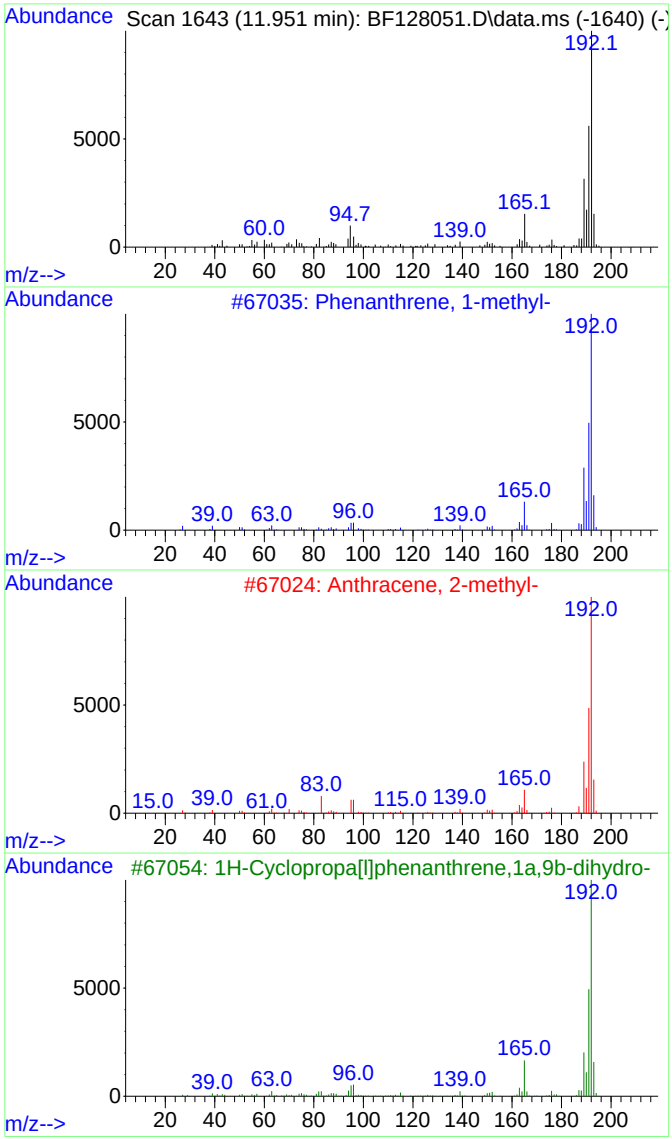
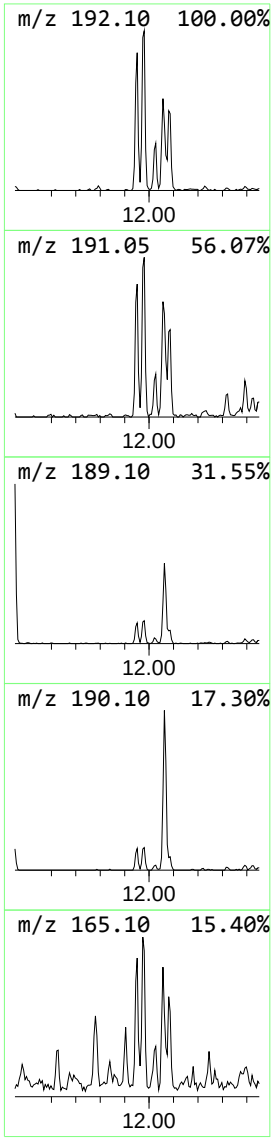
****
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.59 ng	130806	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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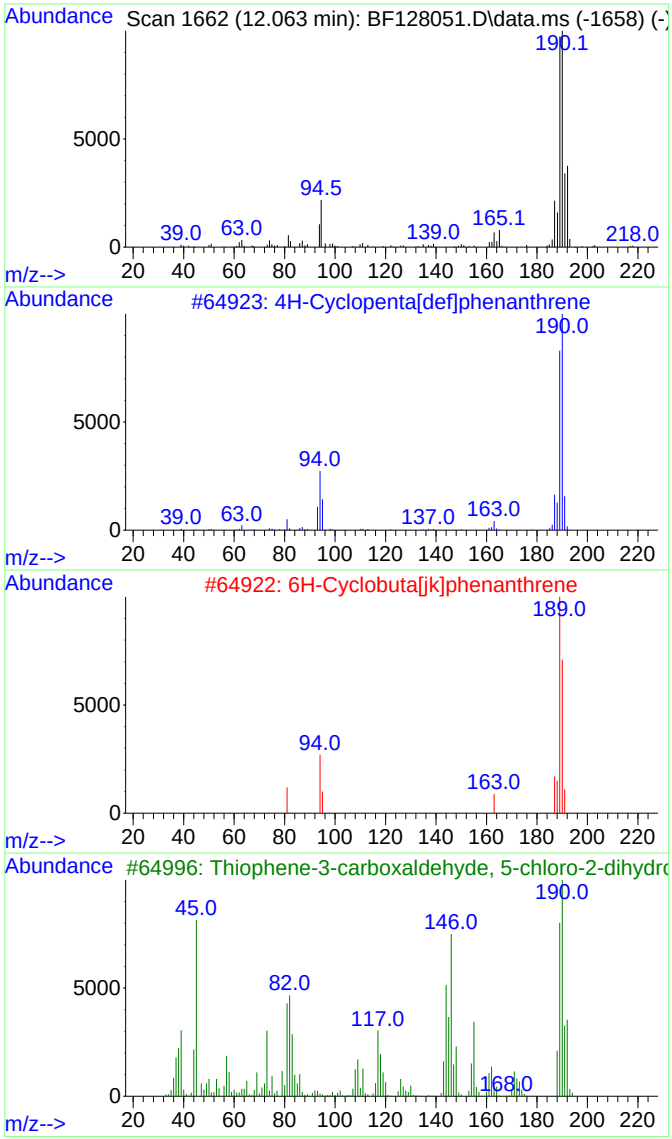
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

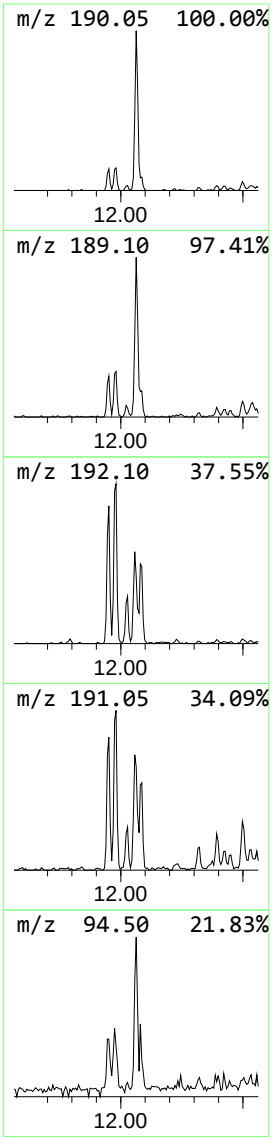
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.92 ng	147497	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Instrument :
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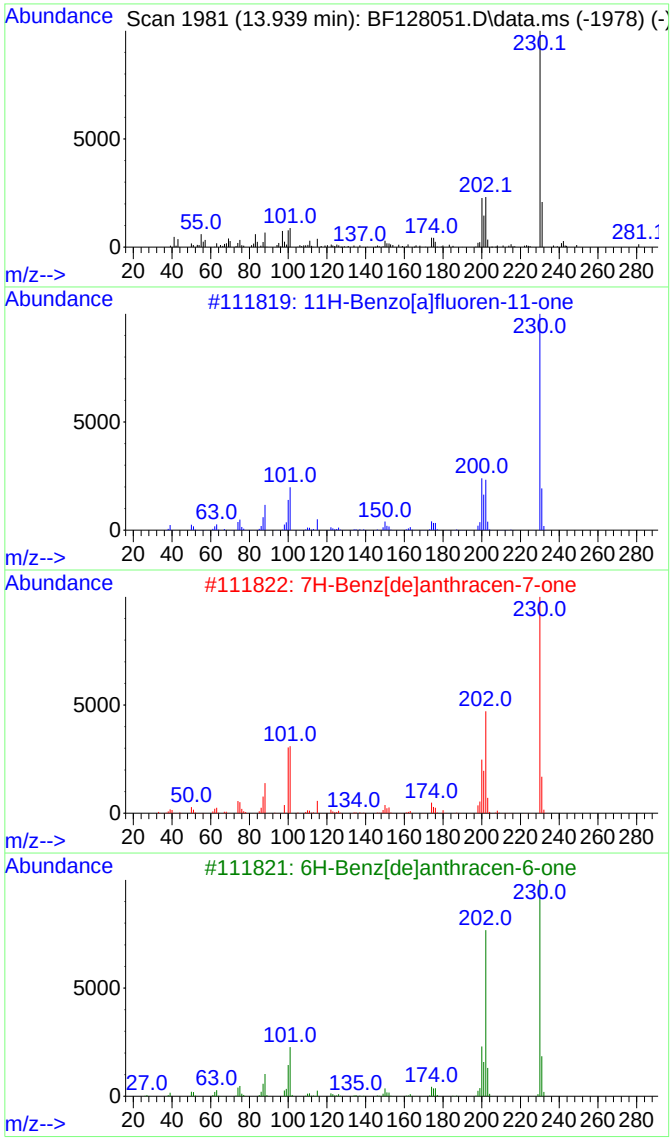
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

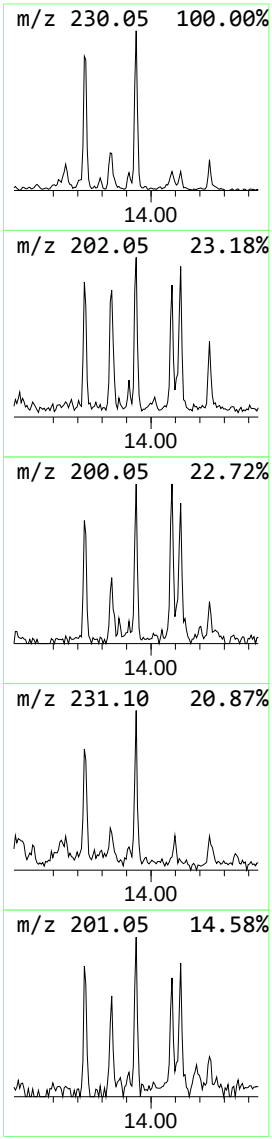
****

Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	3.02 ng	149366	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
5	m-Terphenyl	230	C18H14	000092-06-8	50





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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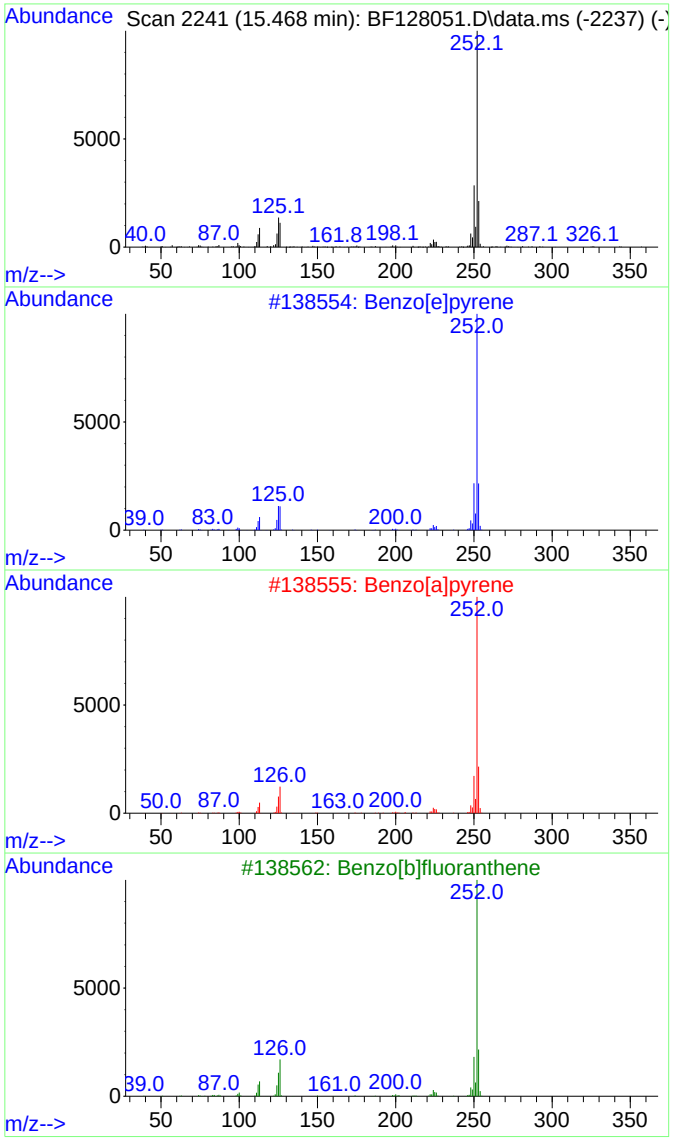
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

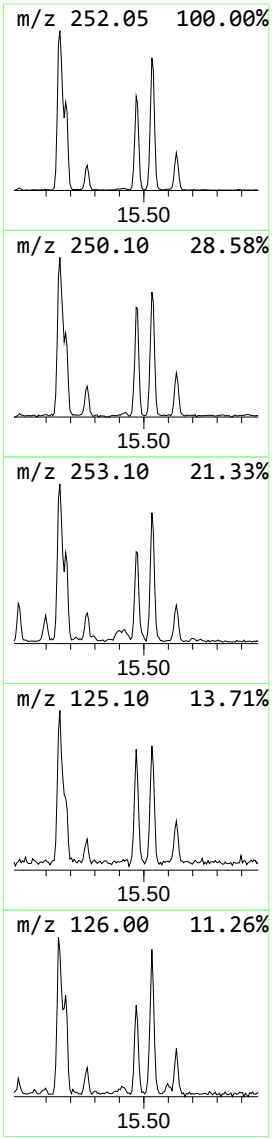
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	7.69 ng	227490	Perylene-d12	15.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	11.951	2.6	ng	130806	4	11.451	1011200	20.0
4H-Cyclopenta[d...	12.063	2.9	ng	147497	4	11.451	1011200	20.0
11H-Benzo[a]flu...	13.939	3.0	ng	149366	5	14.098	989274	20.0
Benzo[e]pyrene	15.468	7.7	ng	227490	6	15.604	591826	20.0