LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143068.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	485	489	499	rBV	7277	11658	2.14%	0.296%
2	5.487	556	560	578	rVB	83490	127417	23.38%	3.237%
3	6.504	728	733	749	rBV	83732	129017	23.68%	3.277%
4	6.869	790	795	806	rVB	193713	239431	43.94%	6.082%
5	7.434	886	891	906	rVB	56608	79031	14.50%	2.008%
6	8.157	1009	1014	1025	rVB	223322	289289	53.09%	7.349%
7	9.228	1192	1196	1207	rBV	120700	148299	27.21%	3.767%
8	9.775	1284	1289	1295	rBV	6297	7819	1.43%	0.199%
9	9.910	1307	1312	1317	rBV	203434	264995	48.63%	6.731%
10	9.945	1317	1318	1323	rVB	11390	8809	1.62%	0.224%
11	10.122	1343	1348	1352	rBV2	5797	7584	1.39%	0.193%
12	10.463	1402	1406	1411	rVB	8875	11262	2.07%	0.286%
13	10.622	1429	1433	1441	rVB	13951	19301	3.54%	0.490%
14	10.704	1442	1447	1453	rBV	50907	65347	11.99%	1.660%
15	10.769	1453	1458	1462	rBV	8748	12541	2.30%	0.319%
16	11.298	1545	1548	1555	rVB	5581	7497	1.38%	0.190%
17	11.404	1561	1566	1569	rBV	212189	315526	57.90%	8.015%
18	11.480	1575	1579	1583	rVB	25654	30366	5.57%	0.771%
19	11.639	1601	1606	1612	rBV2	8977	14647	2.69%	0.372%
20	11.904	1647	1651	1653	rBV	13197	17549	3.22%	0.446%
21	11.933	1653	1656	1661	rVV	22622	33183	6.09%	0.843%
22	11.986	1661	1665	1667	rVV	8900	12743	2.34%	0.324%
23	12.022	1667	1671	1680	rVB2	25072	46636	8.56%	1.185%
24	12.204	1698	1702	1704	rBV	10034	12221	2.24%	0.310%
25	12.233	1704	1707	1712	rVB4	6627	9498	1.74%	0.241%
26	12.457	1741	1745	1748	rBV	10283	17028	3.12%	0.433%
27	12.545	1757	1760	1765	rBV3	9339	14290	2.62%	0.363%
28	12.621	1768	1773	1777	rBV	196101	245126	44.98%	6.227%
29	12.851	1805	1812	1818	rBV	185104	276206	50.69%	7.016%
30	12.986	1830	1835	1843	rVB	142529	197853	36.31%	5.026%
31	13.174	1861	1867	1871	rBV	22012	41771	7.67%	1.061%
32	13.280	1882	1885	1892	rBV3	14599	21391	3.93%	0.543%
33	14.051	2010	2016	2029	rBV2	293147	544934	100.00%	13.842%
34	15.110	2192	2196	2208	rVB	66410	150528	27.62%	3.824%
35	15.421	2246	2249	2255	rVB	33952	51018	9.36%	1.296%
36	15.486	2256	2260	2265	rVV	57134	90104	16.53%	2.289%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.551	2266	2271	2287	rVB2	133748	262651	48.20%	6.672%
38	17.062	2524	2528	2535	rVB2	26188	54931	10.08%	1.395%
39	17.521	2603	2606	2618	rVB	21052	47191	8.66%	1.199%

Sum of corrected areas: 3936688

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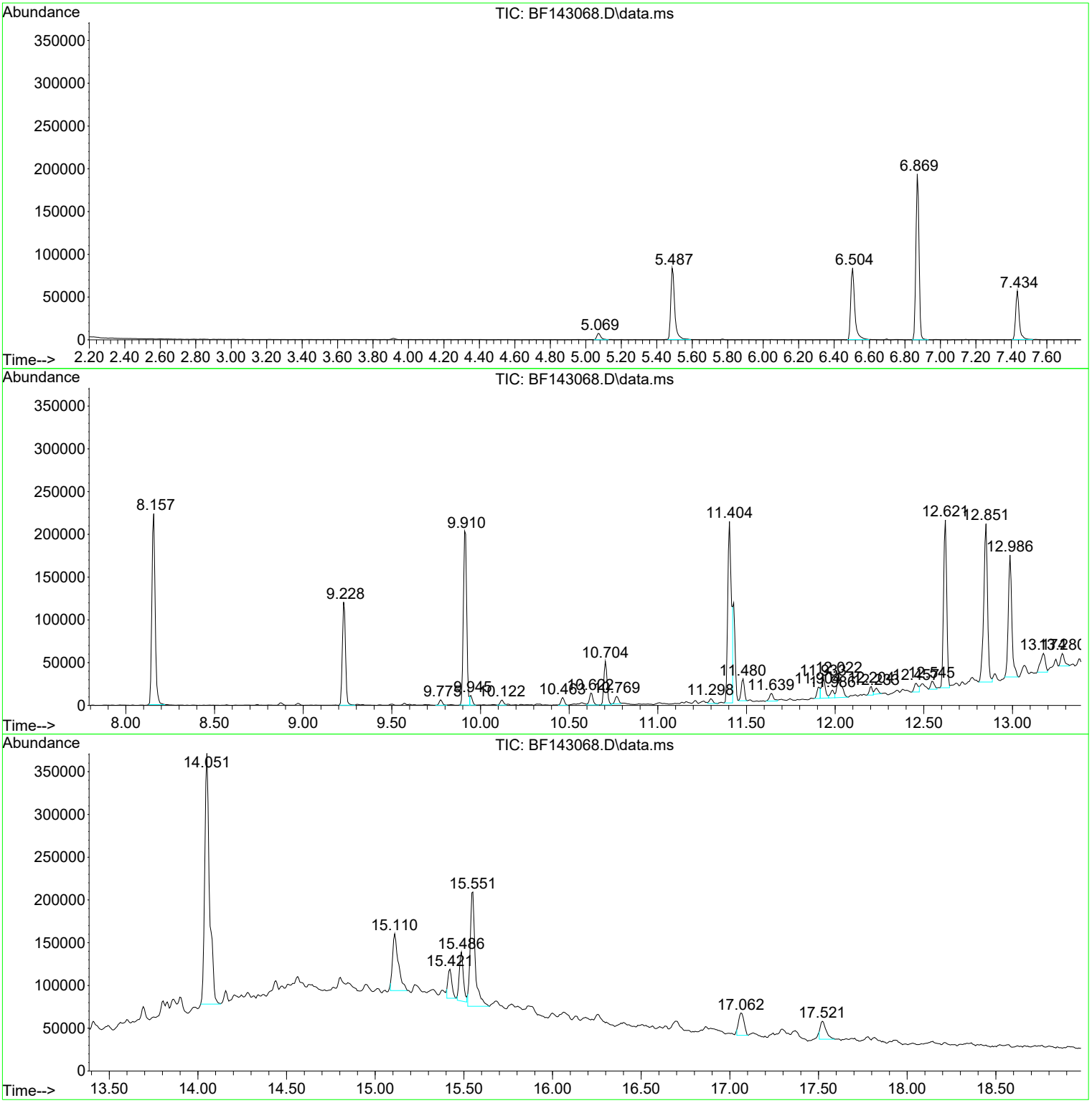
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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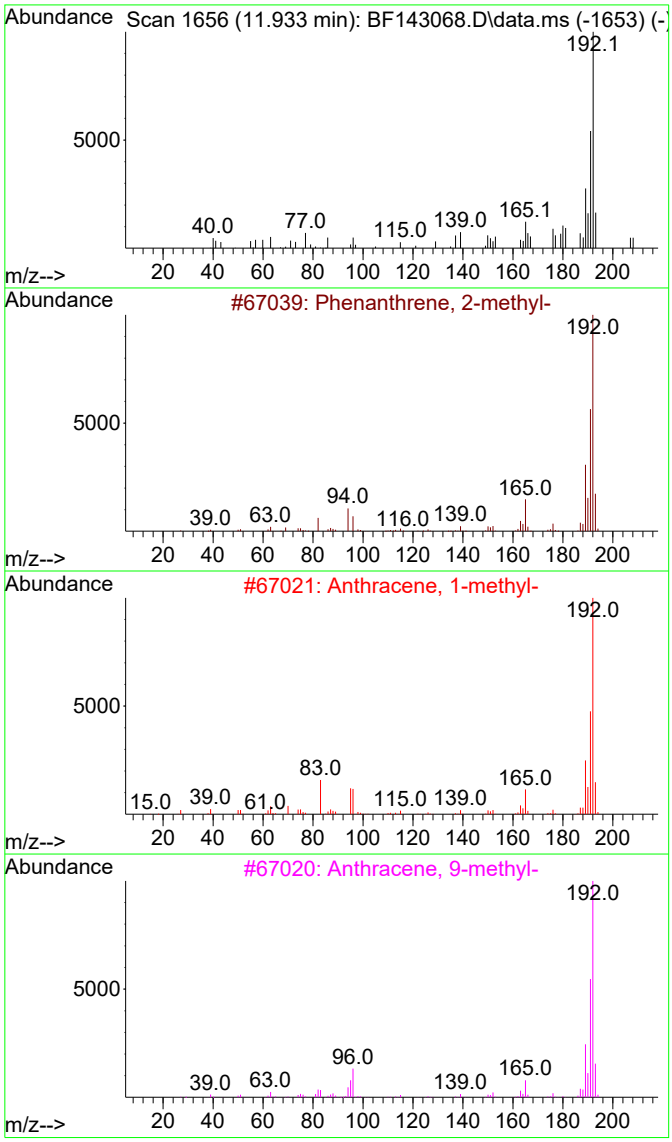
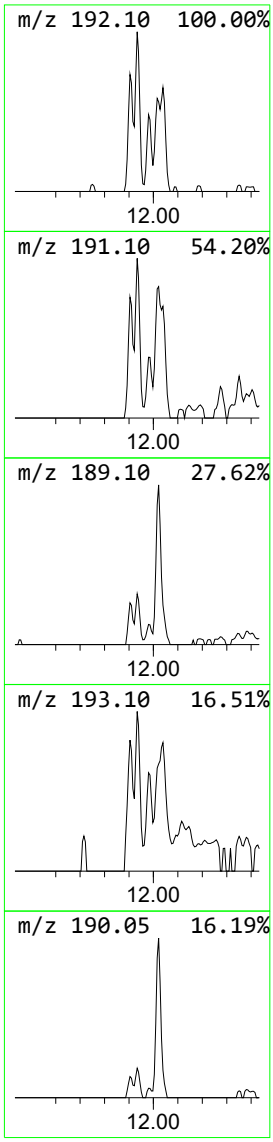
****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.10 ng	33183	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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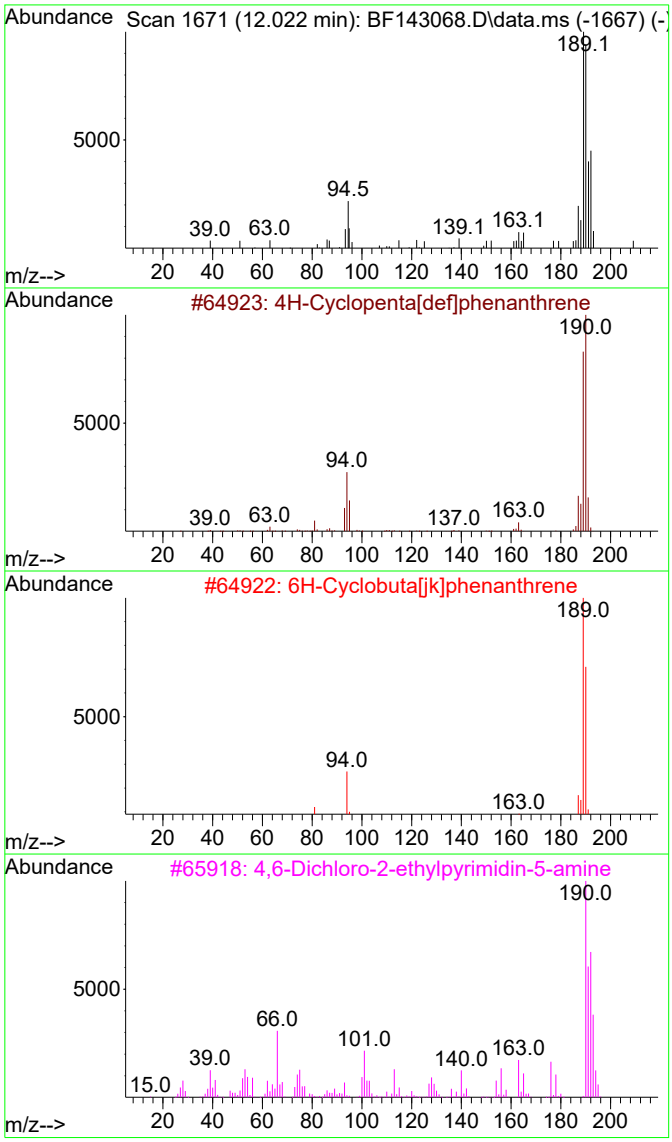
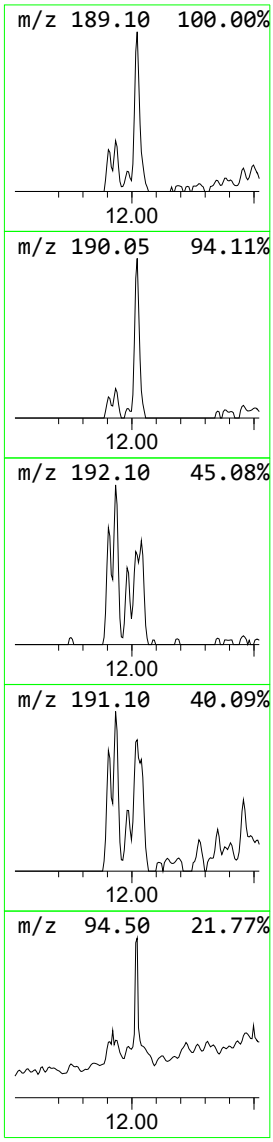
****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.96 ng	46636	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





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Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
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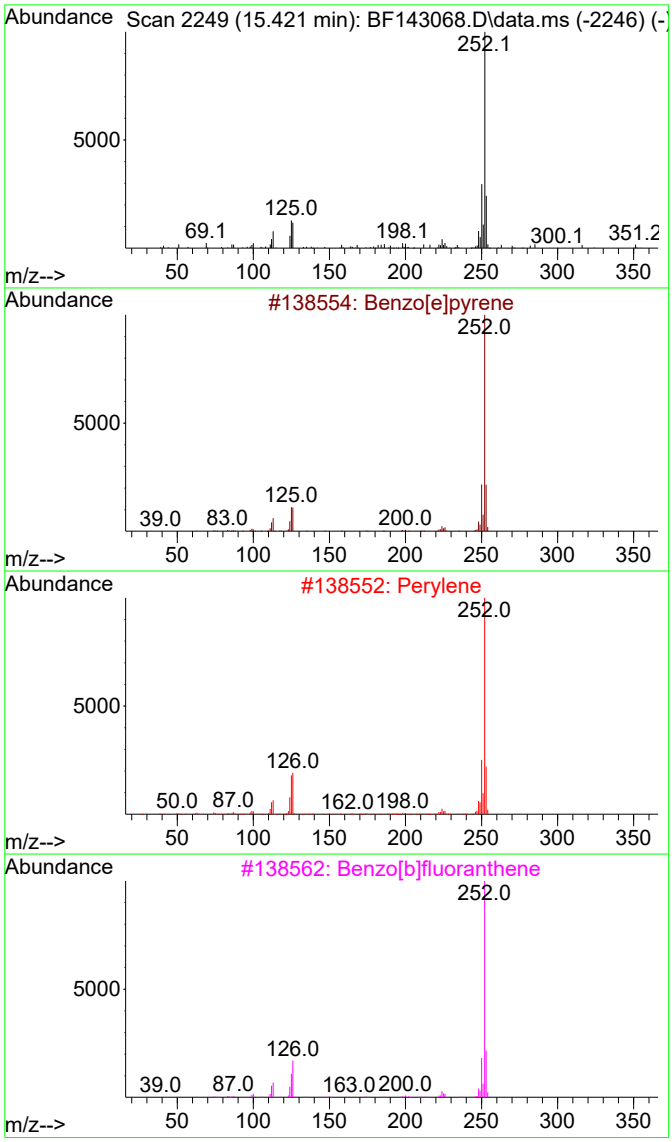
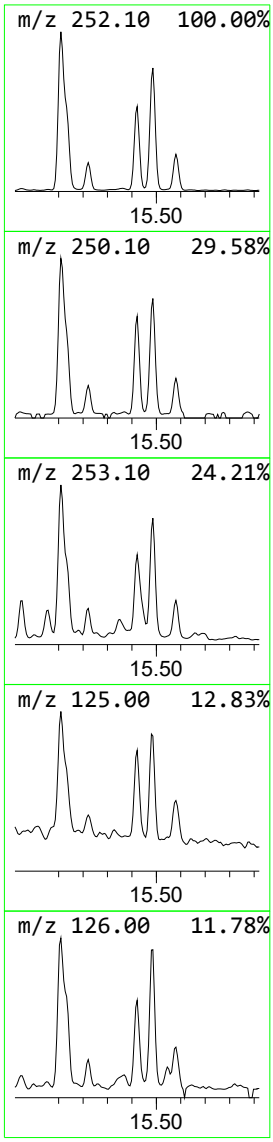
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	3.88 ng	51018	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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
Phenanthrene, 2...	11.933	2.1	ng	33183	4	11.404	315526	20.0
4H-Cyclopenta[d...	12.022	3.0	ng	46636	4	11.404	315526	20.0
Benzo[e]pyrene	15.421	3.9	ng	51018	6	15.551	262651	20.0