LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005733.D
Acq On : 05 Jun 2021 03:21
Operator : CG/JU
Sample : M2589-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FOUNDATION-EXCAVATION-SAMP

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.552	413	419	425	rBV	89763	140462	4.43%	0.652%
2	7.152	683	691	706	rVB	105828	212056	6.69%	0.985%
3	7.987	825	833	840	rVB	553312	865533	27.31%	4.018%
4	9.152	1025	1031	1038	rBV	79700	136146	4.30%	0.632%
5	10.793	1300	1310	1316	rBV	689689	1190781	37.57%	5.528%
6	10.846	1316	1319	1325	rVB	45469	74769	2.36%	0.347%
7	12.451	1587	1592	1598	rVB	33502	53217	1.68%	0.247%
8	12.669	1624	1629	1636	rVB2	26354	43776	1.38%	0.203%
9	13.240	1719	1726	1735	rBV	243750	365786	11.54%	1.698%
10	13.781	1813	1818	1825	rBV4	13098	34934	1.10%	0.162%
11	13.940	1839	1845	1849	rBV2	28812	51866	1.64%	0.241%
12	14.063	1860	1866	1875	rVB	128788	190275	6.00%	0.883%
13	14.163	1879	1883	1888	rVB3	25402	37564	1.19%	0.174%
14	14.334	1908	1912	1918	rBV	30911	50816	1.60%	0.236%
15	14.504	1938	1941	1947	rBV2	22353	34769	1.10%	0.161%
16	14.610	1951	1959	1965	rVV	1039247	1546082	48.78%	7.178%
17	14.675	1965	1970	1977	rVB	104786	161772	5.10%	0.751%
18	15.010	2021	2027	2033	rVB	61119	96751	3.05%	0.449%
19	15.657	2131	2137	2143	rBV	107979	171392	5.41%	0.796%
20	15.945	2183	2186	2193	rVB	30369	50699	1.60%	0.235%
21	16.098	2207	2212	2218	rVB	98973	152468	4.81%	0.708%
22	16.334	2246	2252	2257	rVB5	36132	85306	2.69%	0.396%
23	16.657	2302	2307	2311	rBV3	42705	68319	2.16%	0.317%
24	17.004	2364	2366	2372	rVB2	26508	37160	1.17%	0.173%
25	17.175	2391	2395	2402	rVB	61359	100453	3.17%	0.466%
26	17.357	2420	2426	2430	rBV	1293211	1877915	59.25%	8.719%
27	17.398	2430	2433	2439	rVB	954233	1248061	39.38%	5.794%
28	17.486	2444	2448	2454	rVB	240344	337576	10.65%	1.567%
29	17.757	2490	2494	2498	rBV	89016	124388	3.92%	0.577%
30	18.216	2569	2572	2576	rBV	101380	135309	4.27%	0.628%
31	18.263	2577	2580	2586	rVB	160624	207392	6.54%	0.963%
32	18.404	2600	2604	2608	rBV3	202437	335710	10.59%	1.559%
33	18.698	2651	2654	2657	rVB	86005	96953	3.06%	0.450%
34	19.357	2761	2766	2771	rBV	1509459	1958985	61.80%	9.095%
35	19.675	2816	2820	2822	rBV2	291245	408474	12.89%	1.896%
36	19.704	2822	2825	2833	rVB	1291967	1780678	56.18%	8.267%

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.892	2854	2857	2862	rVB	445311	543008	17.13%	2.521%
38	21.322	3097	3100	3103	rVB	482723	538904	17.00%	2.502%
39	21.422	3111	3117	3121	rBV2	1697842	3169643	100.00%	14.716%
40	21.463	3121	3124	3130	rVB	694335	914871	28.86%	4.247%
41	23.874	3529	3534	3539	rVB2	1010349	1908044	60.20%	8.859%

Sum of corrected areas: 21539063

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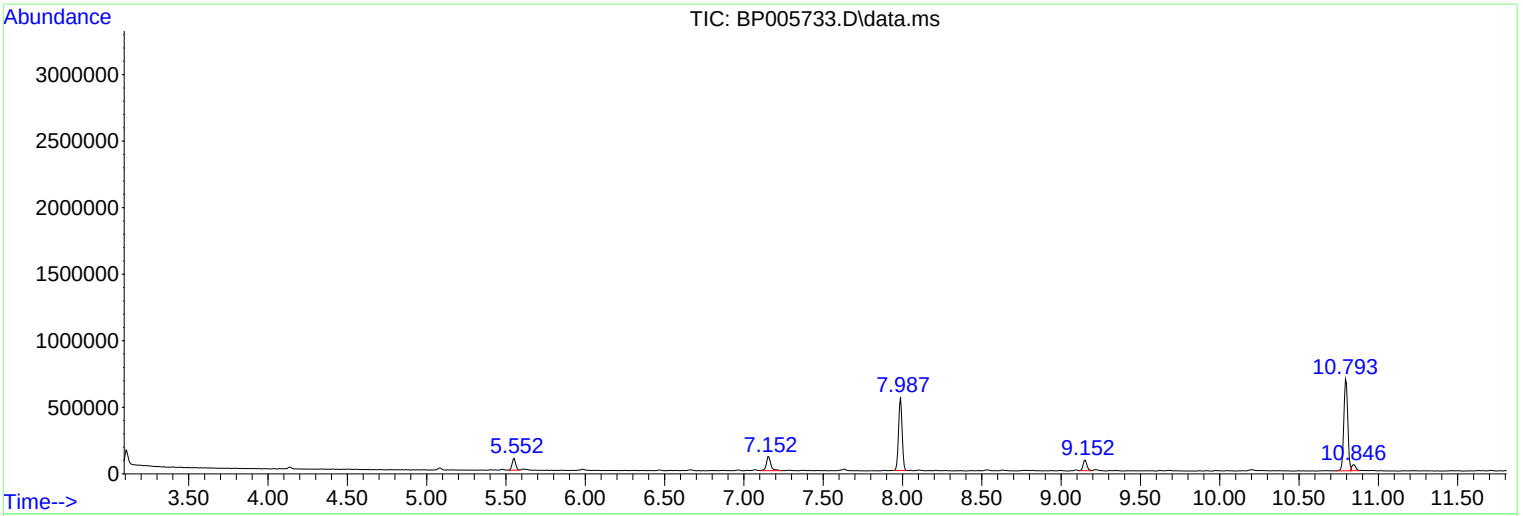
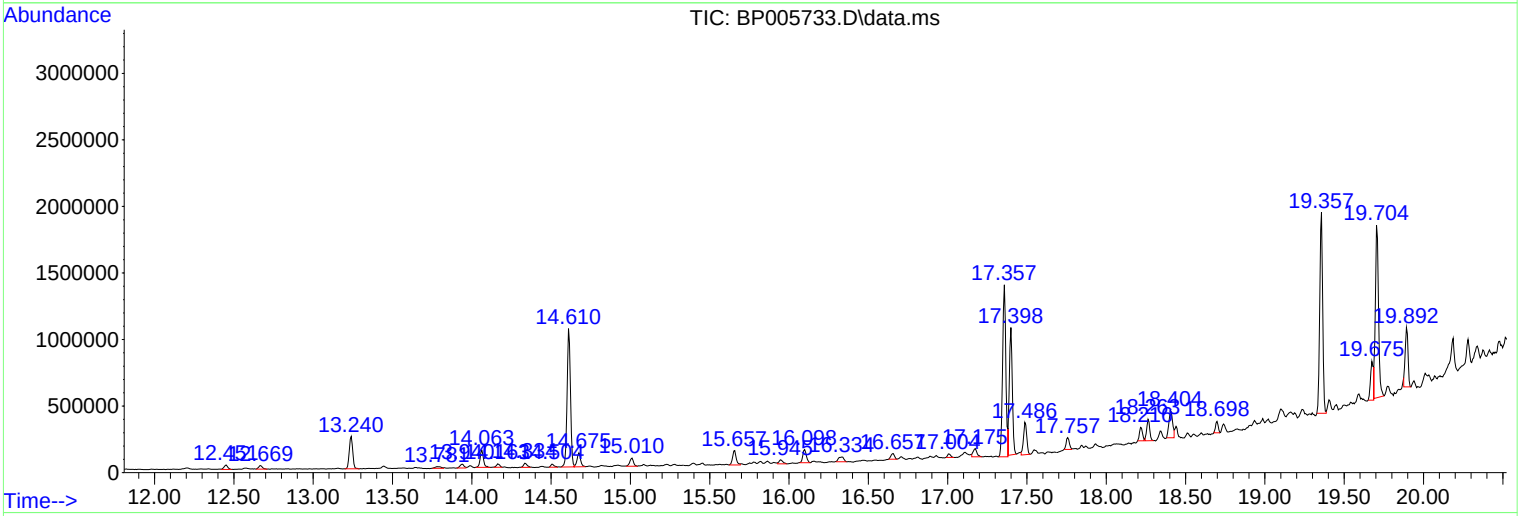
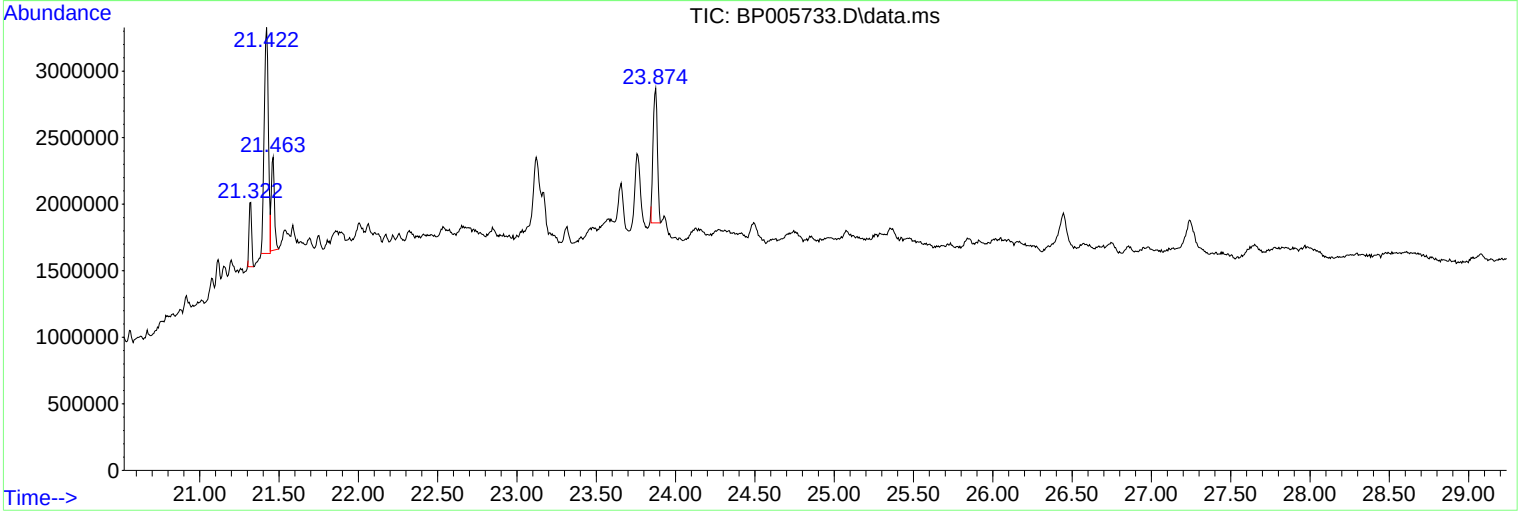
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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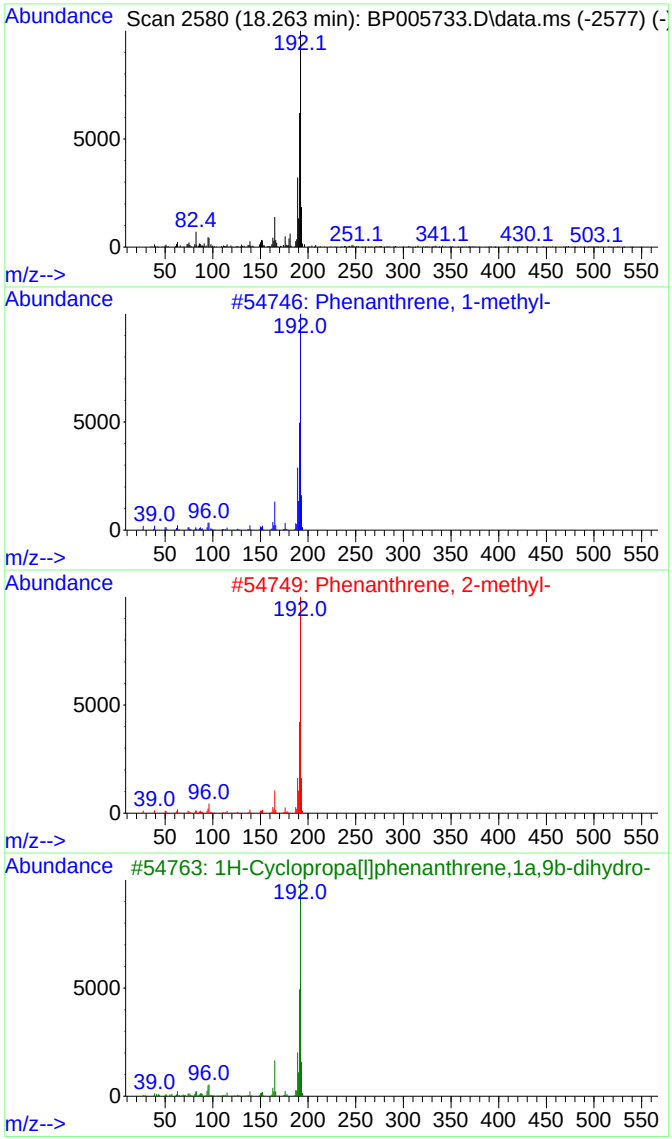
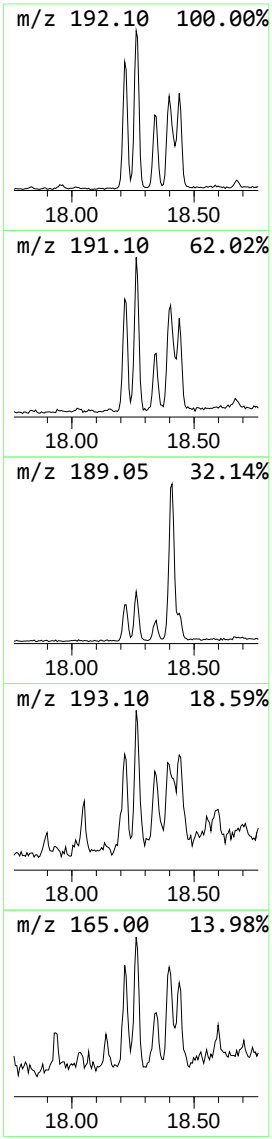
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.21 ng	207392	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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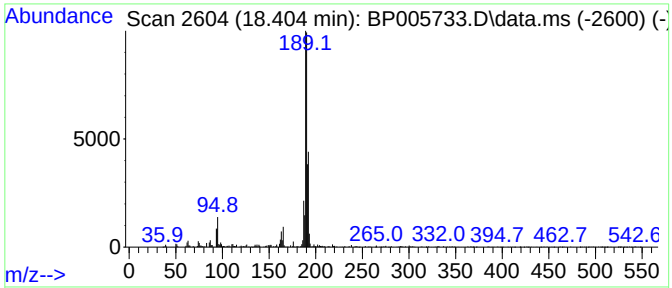
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

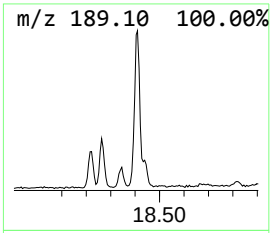
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

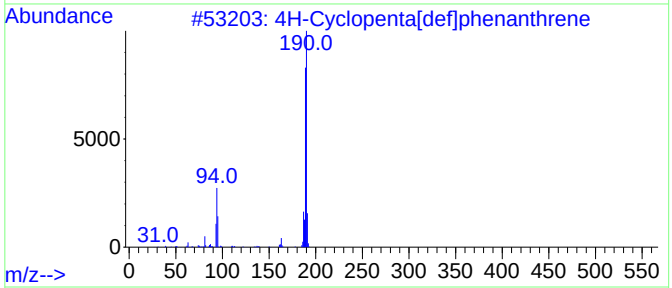
****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

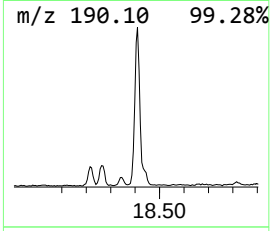
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.58 ng	335710	Phenanthrene-d10	17.357

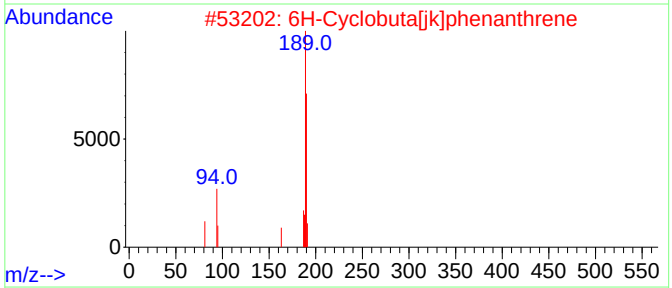
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Megastigmatrienone	190	C13H18O	038818-55-2	18

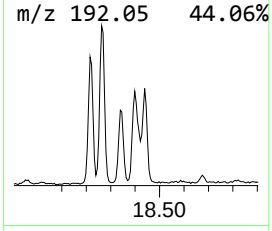


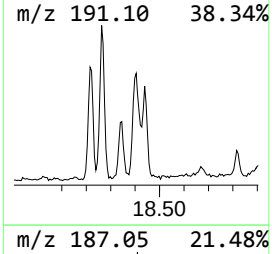


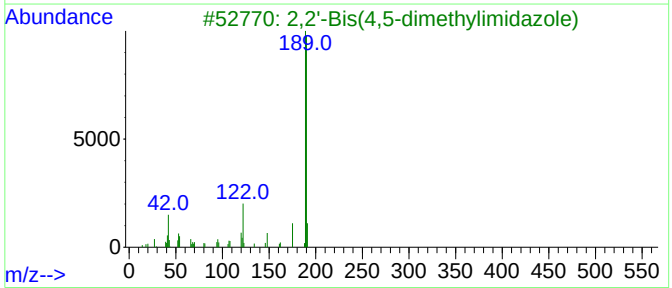


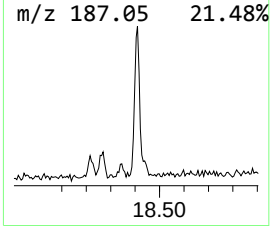












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	18.263	2.2	ng	207392	4	17.357	1877920	20.0
4H-Cyclopenta[d...	18.404	3.6	ng	335710	4	17.357	1877920	20.0