LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007252.D
Acq On : 29 Sep 2021 18:46
Operator : CG/JU
Sample : M3971-10 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : KEARNY-COMP

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.052	160	164	169	rVB	42130	57364	1.20%	0.146%
2	5.452	396	402	409	rBV	626299	929758	19.41%	2.361%
3	5.511	409	412	420	rVB	29316	63227	1.32%	0.161%
4	5.881	466	475	482	rBV3	38117	84218	1.76%	0.214%
5	7.052	663	674	687	rBV	462428	808139	16.87%	2.052%
6	7.528	745	755	766	rBV5	25053	64548	1.35%	0.164%
7	7.875	805	814	822	rBV	690465	1091756	22.79%	2.772%
8	9.040	1005	1012	1021	rBV	265617	469440	9.80%	1.192%
9	10.675	1282	1290	1296	rBV	893718	1505327	31.42%	3.823%
10	10.722	1296	1298	1305	rVB	38994	62672	1.31%	0.159%
11	12.334	1565	1572	1581	rVB3	27920	61415	1.28%	0.156%
12	12.475	1590	1596	1604	rBV2	16462	48659	1.02%	0.124%
13	13.134	1701	1708	1722	rBV	843790	1270720	26.53%	3.227%
14	14.234	1888	1895	1904	rBV	166506	267091	5.58%	0.678%
15	14.510	1934	1942	1948	rBV	1449065	2113821	44.13%	5.368%
16	14.575	1948	1953	1961	rVB	122058	202778	4.23%	0.515%
17	14.910	2005	2010	2020	rVB	79520	120202	2.51%	0.305%
18	15.557	2115	2120	2132	rVB	132241	218133	4.55%	0.554%
19	16.004	2190	2196	2203	rBV	672375	997858	20.83%	2.534%
20	16.239	2230	2236	2243	rVB7	45171	93437	1.95%	0.237%
21	16.916	2347	2351	2357	rVB3	45642	76788	1.60%	0.195%
22	17.081	2375	2379	2387	rVB	64902	101337	2.12%	0.257%
23	17.263	2404	2410	2414	rBV	1756115	2558872	53.42%	6.498%
24	17.304	2414	2417	2423	rVB	890108	1168493	24.39%	2.967%
25	17.398	2428	2433	2438	rVB	238622	337670	7.05%	0.857%
26	17.457	2438	2443	2449	rBV3	37602	74666	1.56%	0.190%
27	17.669	2475	2479	2483	rBV	63679	85303	1.78%	0.217%
28	17.851	2506	2510	2516	rVB5	29777	50185	1.05%	0.127%
29	18.145	2553	2560	2562	rBV2	129470	276871	5.78%	0.703%
30	18.175	2562	2565	2572	rVB	163002	228310	4.77%	0.580%
31	18.257	2575	2579	2583	rVB	70138	93785	1.96%	0.238%
32	18.322	2584	2590	2594	rBV2	323039	520854	10.87%	1.323%
33	18.610	2636	2639	2643	rVB	104955	131935	2.75%	0.335%
34	18.657	2643	2647	2653	rVB	103097	145078	3.03%	0.368%
35	18.851	2677	2680	2684	rVB2	70594	81453	1.70%	0.207%
36	19.016	2704	2708	2713	rBV	98296	195836	4.09%	0.497%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.157	2728	2732	2739	rBV	152474	233471	4.87%	0.593%
38	19.269	2746	2751	2757	rBV	2595421	3476021	72.56%	8.827%
39	19.369	2765	2768	2772	rBV3	62942	92907	1.94%	0.236%
40	19.416	2774	2776	2780	rVB	83307	96040	2.00%	0.244%
41	19.622	2807	2811	2819	rVB	2126664	3129329	65.33%	7.947%
42	19.692	2820	2823	2829	rVB2	95134	145356	3.03%	0.369%
43	19.816	2839	2844	2849	rBV	1502453	1829115	38.18%	4.645%
44	19.945	2861	2866	2872	rBV4	140592	322036	6.72%	0.818%
45	20.104	2890	2893	2899	rVB	414203	569500	11.89%	1.446%
46	20.204	2906	2910	2914	rBV2	346012	435389	9.09%	1.106%
47	21.345	3098	3104	3108	rBV2	2727754	4790277	100.00%	12.164%
48	21.386	3108	3111	3121	rVB	1225242	1577991	32.94%	4.007%
49	23.021	3384	3389	3395	rBV	934948	2178807	45.48%	5.533%
50	23.651	3492	3496	3503	rVB	681674	1256281	26.23%	3.190%
51	23.763	3509	3515	3521	rBV	1343079	2589349	54.05%	6.575%

Sum of corrected areas: 39379868

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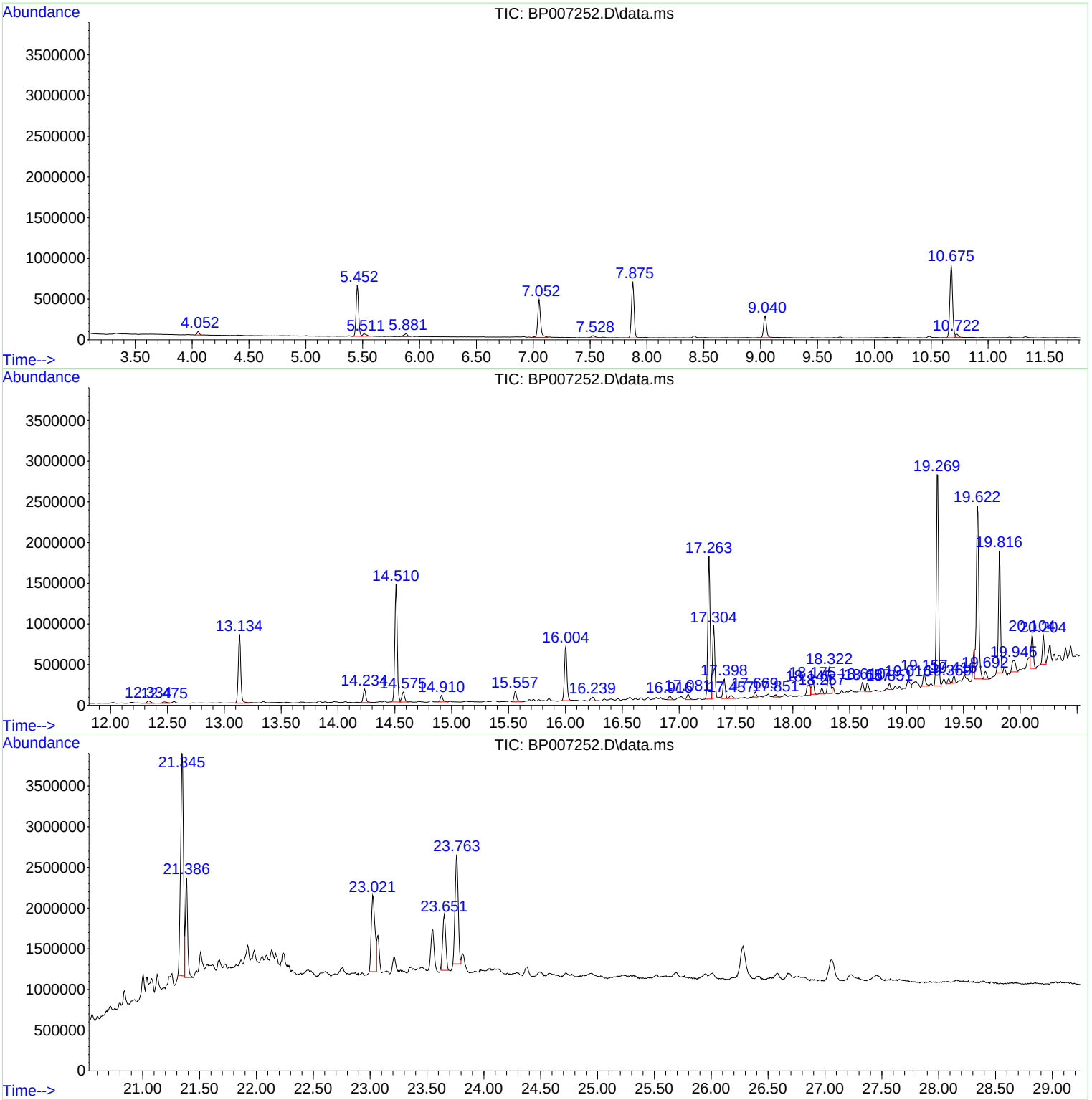
Instrument :
BNA_P
ClientSampleId :
KEARNY-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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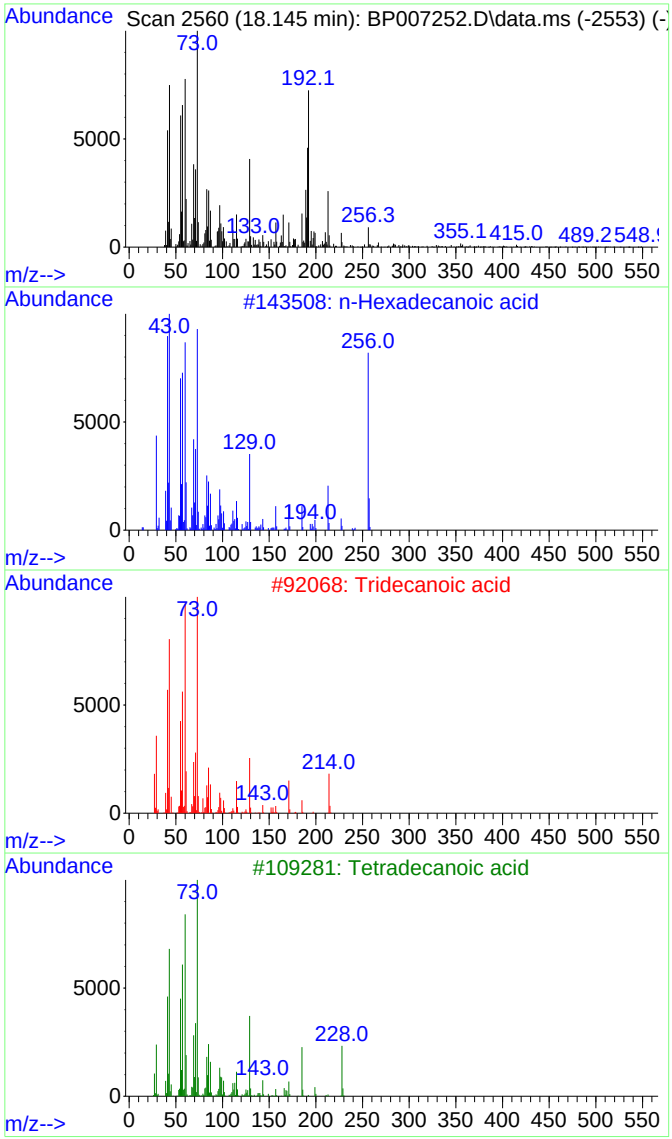
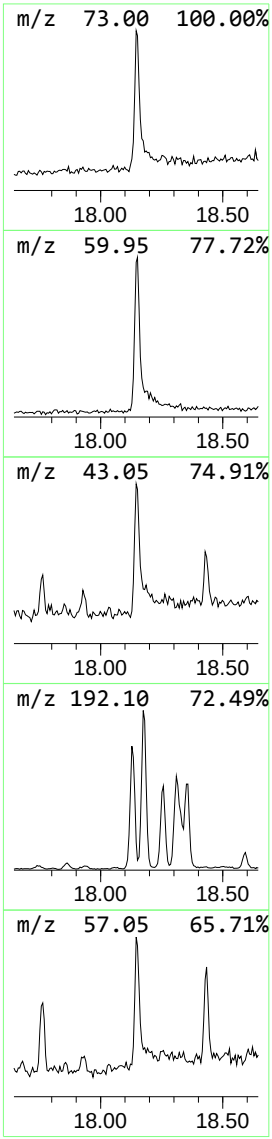
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	2.16 ng	276871	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





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Instrument : BNA_P
ClientSampleId : KEARNY-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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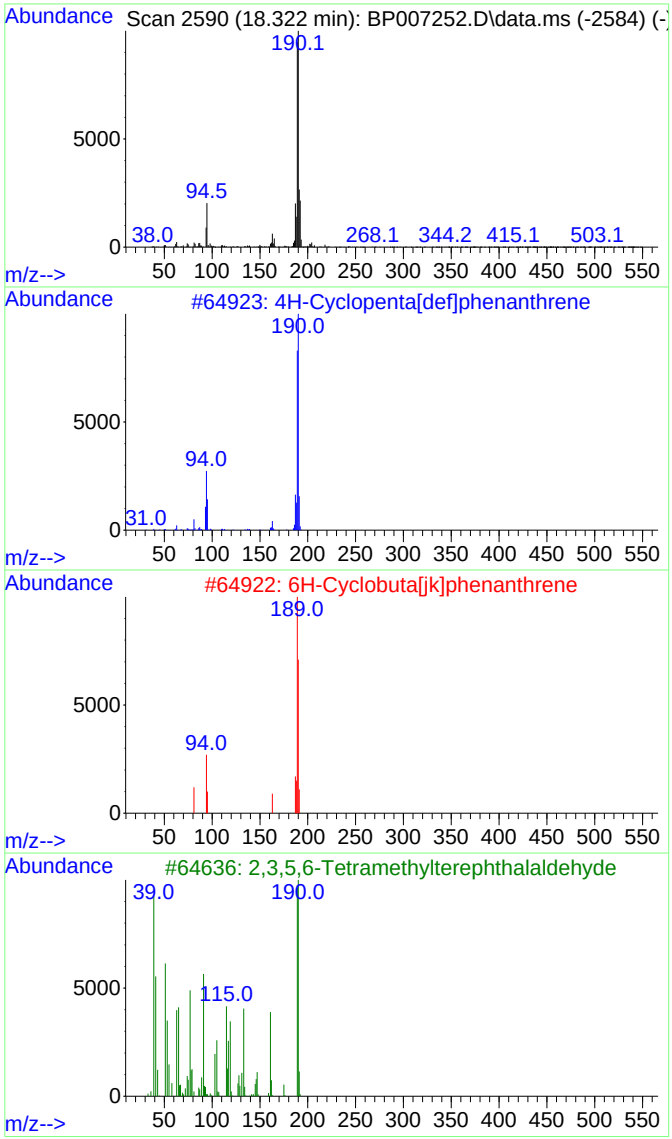
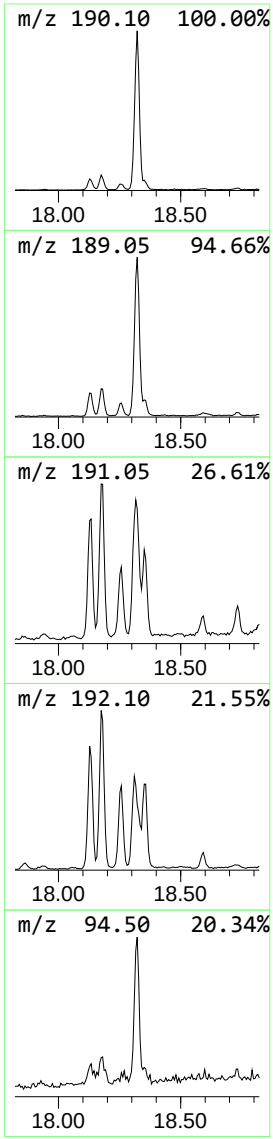
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	4.07 ng	520854	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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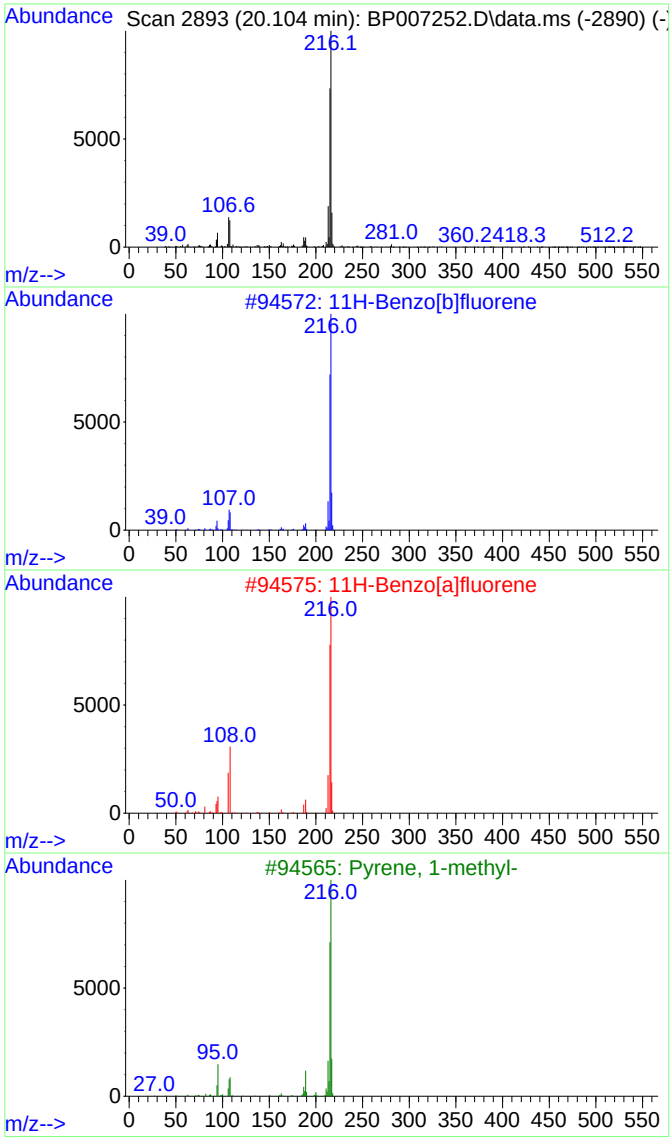
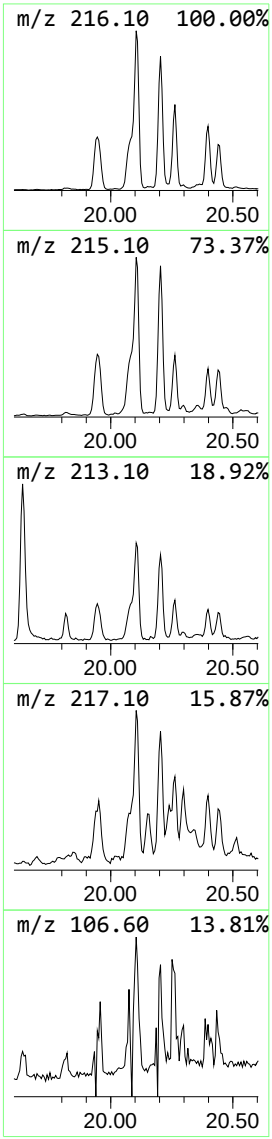
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	2.38 ng	569500	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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
n-Hexadecanoic ...	18.145	2.2	ng	276871	4	17.263	2558870	20.0
4H-Cyclopenta[d...	18.322	4.1	ng	520854	4	17.263	2558870	20.0
11H-Benzo[b]flu...	20.104	2.4	ng	569500	5	21.351	4790280	20.0