LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003421.D
Acq On : 30 Sep 2020 19:29
Operator : CG/JU
Sample : L4179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-9(2-3)

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.152	379	385	411	rBV	1445255	2184263	56.02%	7.159%
2	6.746	649	656	684	rBV	1260257	2197281	56.35%	7.201%
3	7.158	720	726	739	rBV	29897	73118	1.88%	0.240%
4	7.534	781	790	800	rBV	478316	736981	18.90%	2.415%
5	8.687	975	986	1000	rBV	918140	1572704	40.34%	5.154%
6	10.316	1254	1263	1280	rBV	572473	1031428	26.45%	3.380%
7	12.063	1553	1560	1574	rBV3	22855	87737	2.25%	0.288%
8	12.804	1679	1686	1704	rBV	2243965	3472249	89.05%	11.380%
9	13.657	1825	1831	1843	rBV	274912	418915	10.74%	1.373%
10	13.910	1869	1874	1882	rVB	87593	134731	3.46%	0.442%
11	14.192	1914	1922	1929	rBV	840106	1220075	31.29%	3.999%
12	14.257	1929	1933	1943	rVB	33722	51896	1.33%	0.170%
13	15.251	2097	2102	2108	rVB	30873	45724	1.17%	0.150%
14	15.692	2171	2177	2190	rBV	1295358	1982532	50.85%	6.498%
15	16.610	2329	2333	2340	rVB3	23246	38997	1.00%	0.128%
16	16.769	2357	2360	2370	rVB	24734	48369	1.24%	0.159%
17	16.945	2385	2390	2394	rBV	874319	1241779	31.85%	4.070%
18	16.992	2394	2398	2406	rVV	454332	657288	16.86%	2.154%
19	17.081	2407	2413	2420	rVB	121761	209370	5.37%	0.686%
20	17.363	2455	2461	2466	rBV	51672	89194	2.29%	0.292%
21	17.828	2535	2540	2544	rBV	141881	215253	5.52%	0.705%
22	17.881	2544	2549	2556	rVV2	203785	352427	9.04%	1.155%
23	18.016	2567	2572	2576	rBV3	121431	200473	5.14%	0.657%
24	18.051	2576	2578	2588	rVB	66849	85685	2.20%	0.281%
25	18.316	2620	2623	2627	rBV	62429	76386	1.96%	0.250%
26	18.363	2628	2631	2637	rVB	64520	93411	2.40%	0.306%
27	18.604	2669	2672	2676	rBV2	54646	66430	1.70%	0.218%
28	18.728	2689	2693	2697	rBV	66865	89228	2.29%	0.292%
29	18.775	2698	2701	2706	rVV3	38849	66069	1.69%	0.217%
30	18.869	2713	2717	2723	rVB2	67813	110602	2.84%	0.362%
31	18.939	2725	2729	2732	rBV	132884	155174	3.98%	0.509%
32	18.980	2732	2736	2743	rVB	1052661	1363769	34.98%	4.470%
33	19.128	2758	2761	2765	rBV	64621	76224	1.95%	0.250%
34	19.333	2787	2796	2805	rBV	971425	1490812	38.23%	4.886%
35	19.410	2806	2809	2812	rBV2	37011	50931	1.31%	0.167%
36	19.445	2813	2815	2821	rVB	56839	67950	1.74%	0.223%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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Acq On : 30 Sep 2020 19:29
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.539	2825	2831	2836	rVB	3102512	3899084	100.00%	12.779%
38	19.663	2847	2852	2858	rVB3	67030	145552	3.73%	0.477%
39	19.792	2870	2874	2875	rBV2	62427	81535	2.09%	0.267%
40	19.822	2876	2879	2883	rVB2	130393	179916	4.61%	0.590%
41	19.922	2893	2896	2899	rBV2	71076	80028	2.05%	0.262%
42	19.980	2903	2906	2911	rVB2	86161	122486	3.14%	0.401%
43	20.116	2926	2929	2932	rBV2	63748	78711	2.02%	0.258%
44	20.563	3002	3005	3012	rVB	126236	166604	4.27%	0.546%
45	20.716	3029	3031	3034	rBV	92908	115846	2.97%	0.380%
46	20.792	3040	3044	3050	rBV4	454702	643206	16.50%	2.108%
47	21.069	3084	3091	3095	rBV2	1226627	2315055	59.37%	7.587%
48	21.104	3095	3097	3102	rVB	566206	628528	16.12%	2.060%

Sum of corrected areas: 30512006

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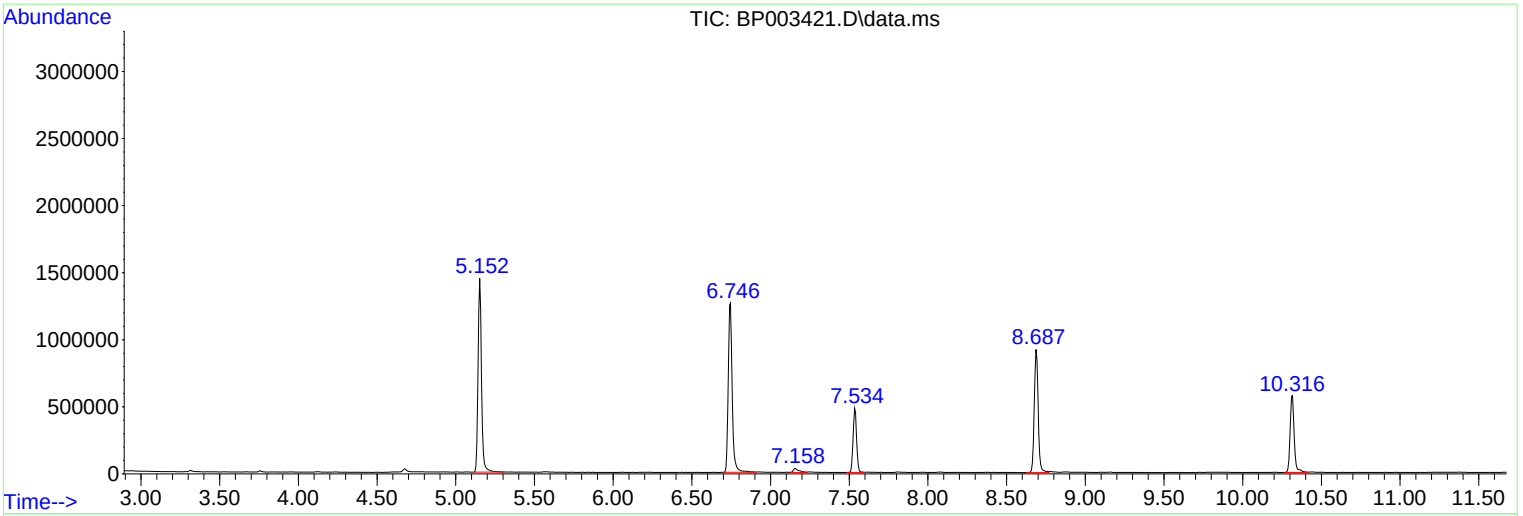
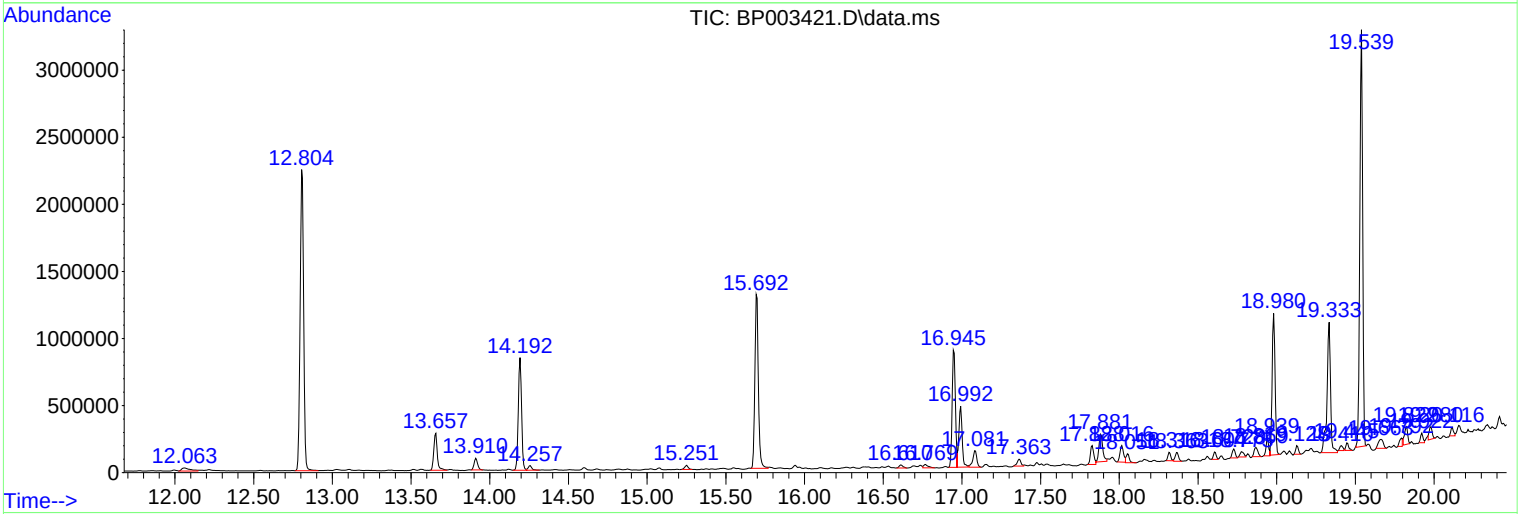
Misc :
ALS Vial : 8 Sample Multiplier: 1

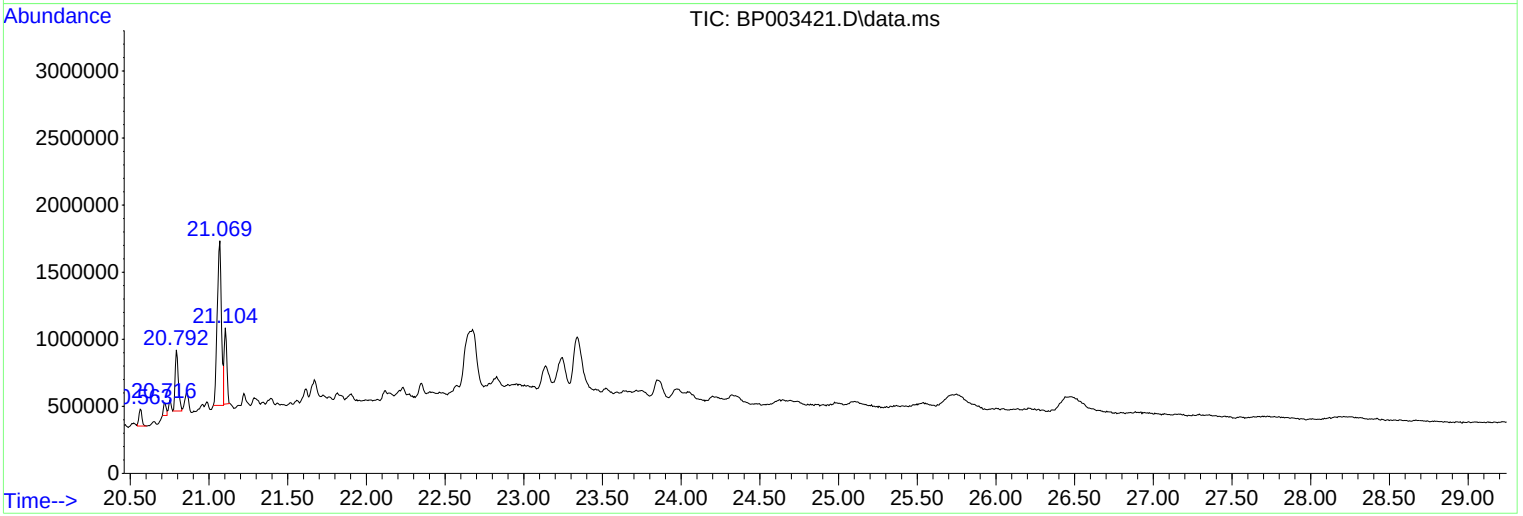
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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Data File : BP003421.D
Acq On : 30 Sep 2020 19:29
Operator : CG/JU
Sample : L4179-01
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Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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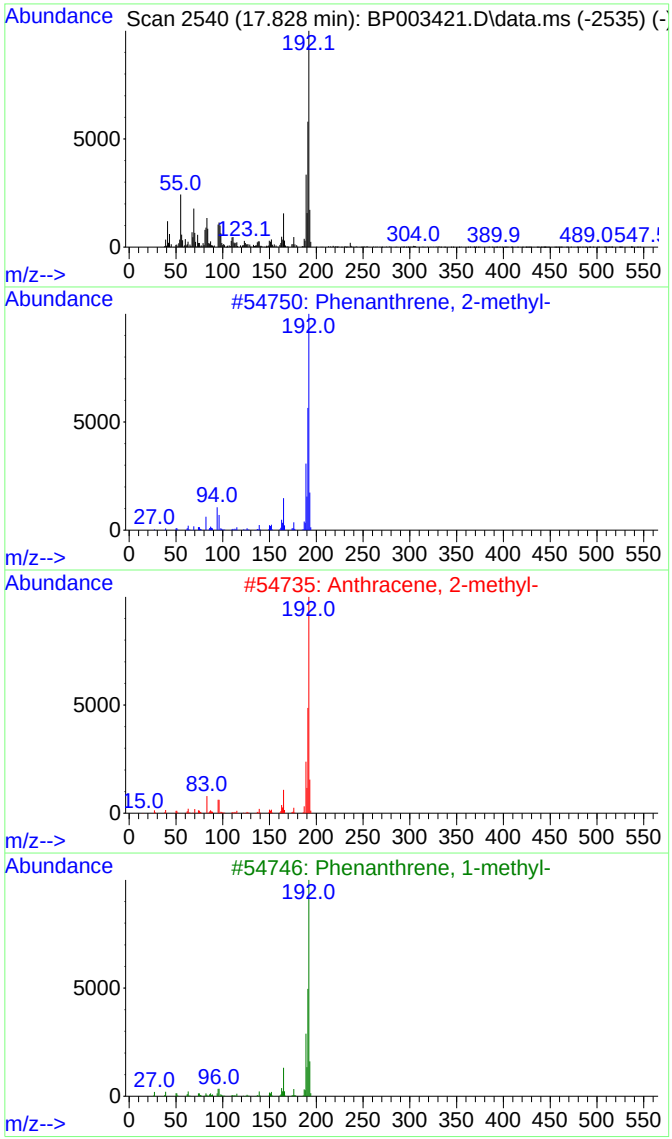
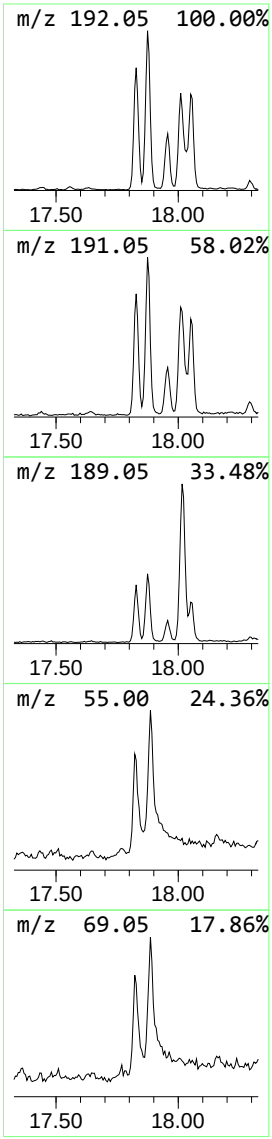
****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	3.47 ng	215253	Phenanthrene-d10	16.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003421.D
Acq On : 30 Sep 2020 19:29
Operator : CG/JU
Sample : L4179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

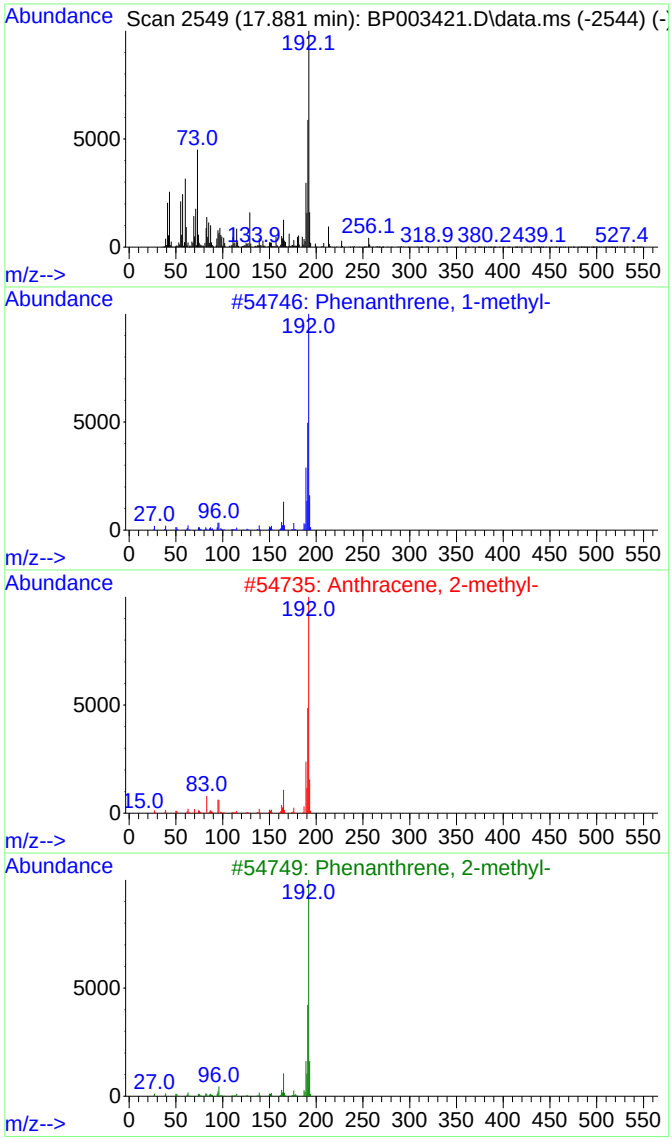
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

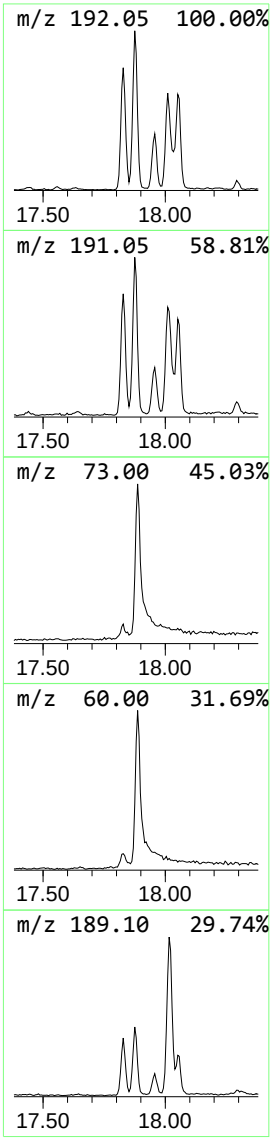
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	5.68 ng	352427	Phenanthrene-d10	16.945

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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Operator : CG/JU
Sample : L4179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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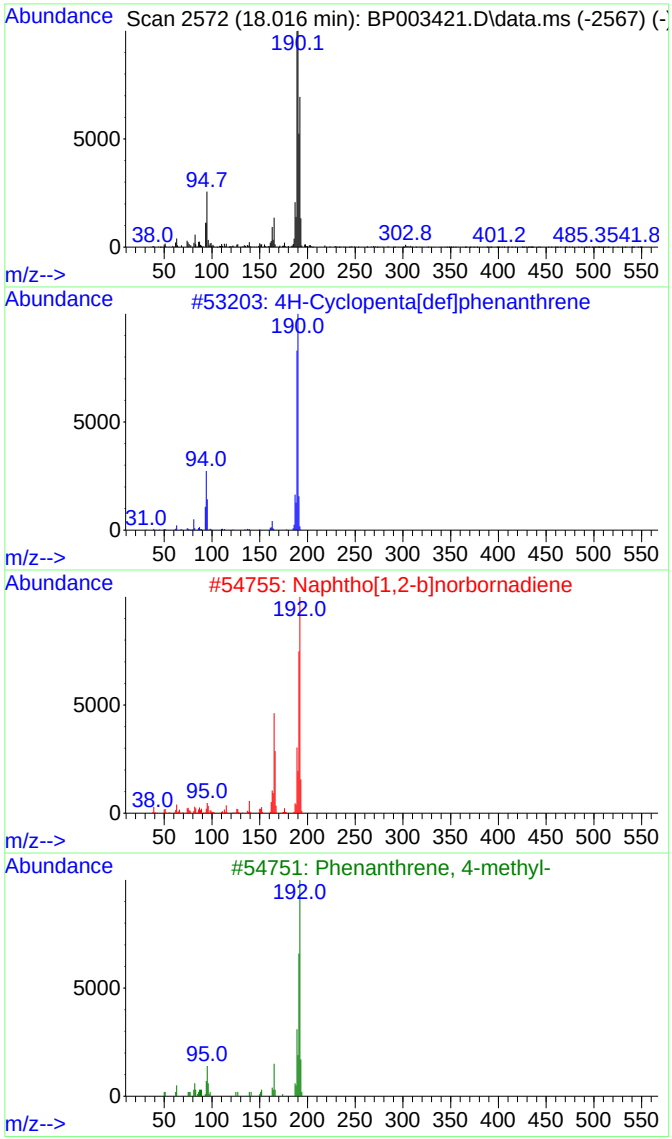
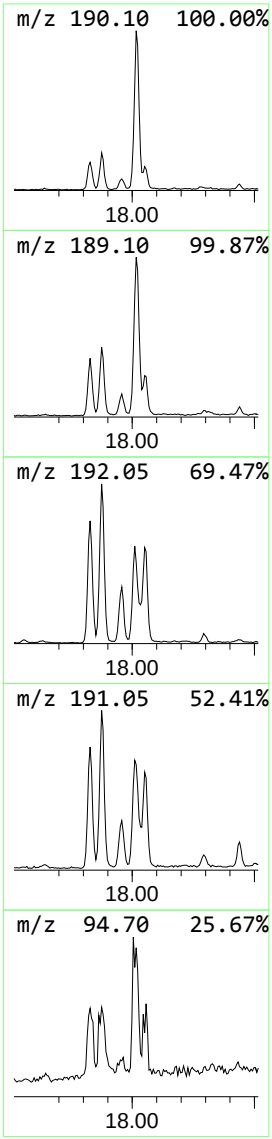
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	3.23 ng	200473	Phenanthrene-d10	16.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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Acq On : 30 Sep 2020 19:29
Operator : CG/JU
Sample : L4179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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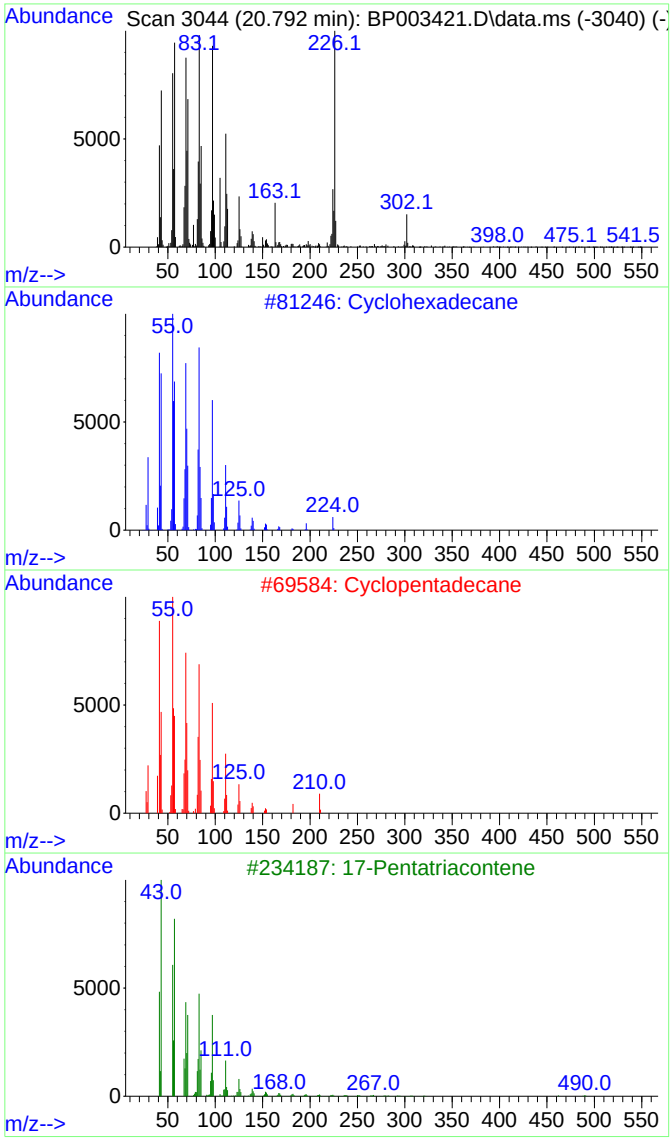
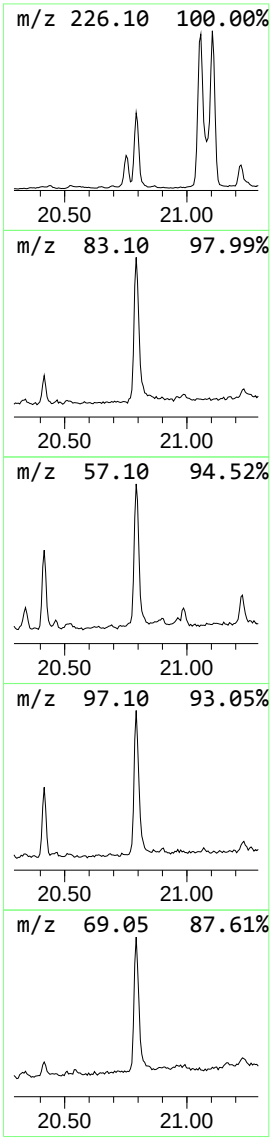
Peak Number 4 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	5.56 ng	643206	Chrysene-d12	21.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	Cyclopentadecane	210	C15H30	000295-48-7	83
3	17-Pentatriacontene	491	C35H70	006971-40-0	70
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5	1-Heneicosanol	312	C21H44O	015594-90-8	64





Tentatively Identified Compound (LSC) summary

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Data File : BP003421.D
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Operator : CG/JU
Sample : L4179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-9(2-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	17.828	3.5	ng	215253	4	16.945	1241780	20.0
Phenanthrene, 1...	17.881	5.7	ng	352427	4	16.945	1241780	20.0
4H-Cyclopenta[d...	18.016	3.2	ng	200473	4	16.945	1241780	20.0
Cyclohexadecane	20.792	5.6	ng	643206	5	21.069	2315060	20.0