LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

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-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.405	251	258	274	rVB	6197406	10223418	100.00%	18.755%
2	5.263	398	404	421	rBV	1110147	1684345	16.48%	3.090%
3	6.846	661	673	686	rBV	976573	1705633	16.68%	3.129%
4	7.087	708	714	731	rBV	39198	138415	1.35%	0.254%
5	7.646	799	809	819	rBV	577665	936159	9.16%	1.717%
6	8.793	996	1004	1015	rBV	690237	1184676	11.59%	2.173%
7	10.422	1269	1281	1296	rBV	736515	1337110	13.08%	2.453%
8	12.904	1696	1703	1719	rBV	2086374	3270810	31.99%	6.000%
9	13.745	1841	1846	1858	rVB	241157	361163	3.53%	0.663%
10	14.010	1885	1891	1903	rBV	356498	626769	6.13%	1.150%
11	14.139	1907	1913	1922	rBV2	41363	117726	1.15%	0.216%
12	14.286	1932	1938	1945	rBV2	1017154	1559182	15.25%	2.860%
13	15.786	2187	2193	2203	rBV	1398875	2023635	19.79%	3.712%
14	17.045	2401	2407	2410	rBV	1032650	1570030	15.36%	2.880%
15	17.086	2410	2414	2422	rVV	465683	675040	6.60%	1.238%
16	17.175	2425	2429	2435	rVB	273388	396801	3.88%	0.728%
17	17.916	2552	2555	2558	rBV	102808	124092	1.21%	0.228%
18	17.963	2558	2563	2570	rVV2	321564	511502	5.00%	0.938%
19	18.104	2583	2587	2591	rBV2	174243	281925	2.76%	0.517%
20	18.445	2642	2645	2650	rVB3	103519	143560	1.40%	0.263%
21	18.945	2727	2730	2737	rVB	139190	179137	1.75%	0.329%
22	19.063	2746	2750	2756	rBV	1368801	1811254	17.72%	3.323%
23	19.210	2772	2775	2780	rVB	217529	277016	2.71%	0.508%
24	19.416	2802	2810	2819	rVB	1721060	2590963	25.34%	4.753%
25	19.616	2840	2844	2849	rVB	2729983	3362598	32.89%	6.169%
26	20.633	3014	3017	3022	rVB	258312	326325	3.19%	0.599%
27	20.868	3053	3057	3063	rVB3	462071	656492	6.42%	1.204%
28	21.139	3097	3103	3107	rBV2	1805963	3392160	33.18%	6.223%
29	21.174	3107	3109	3120	rVB	1042847	1289057	12.61%	2.365%
30	21.404	3144	3148	3151	rVB	999509	1205116	11.79%	2.211%
31	21.627	3183	3186	3189	rVB2	449346	521349	5.10%	0.956%
32	22.710	3365	3370	3374	rBV2	1216608	2433817	23.81%	4.465%
33	23.186	3447	3451	3459	rVB	925329	1665507	16.29%	3.055%
34	23.280	3462	3467	3474	rVB	1184416	2156320	21.09%	3.956%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

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-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.380	3479	3484	3489	rVV2	876238	1548642	15.15%	2.841%
36	25.662	3866	3872	3883	rVB	852087	2222855	21.74%	4.078%

Sum of corrected areas: 54510599

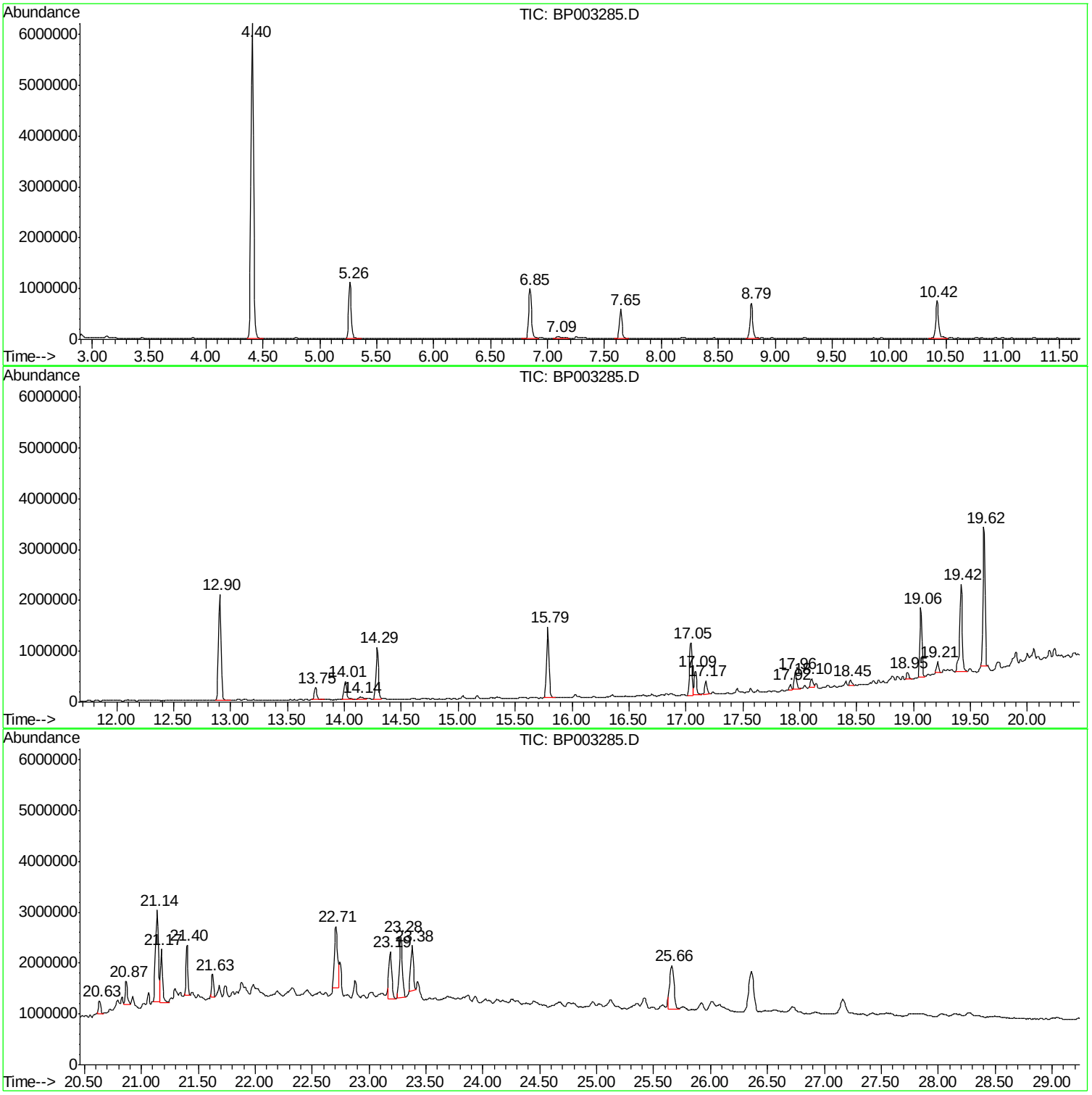
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

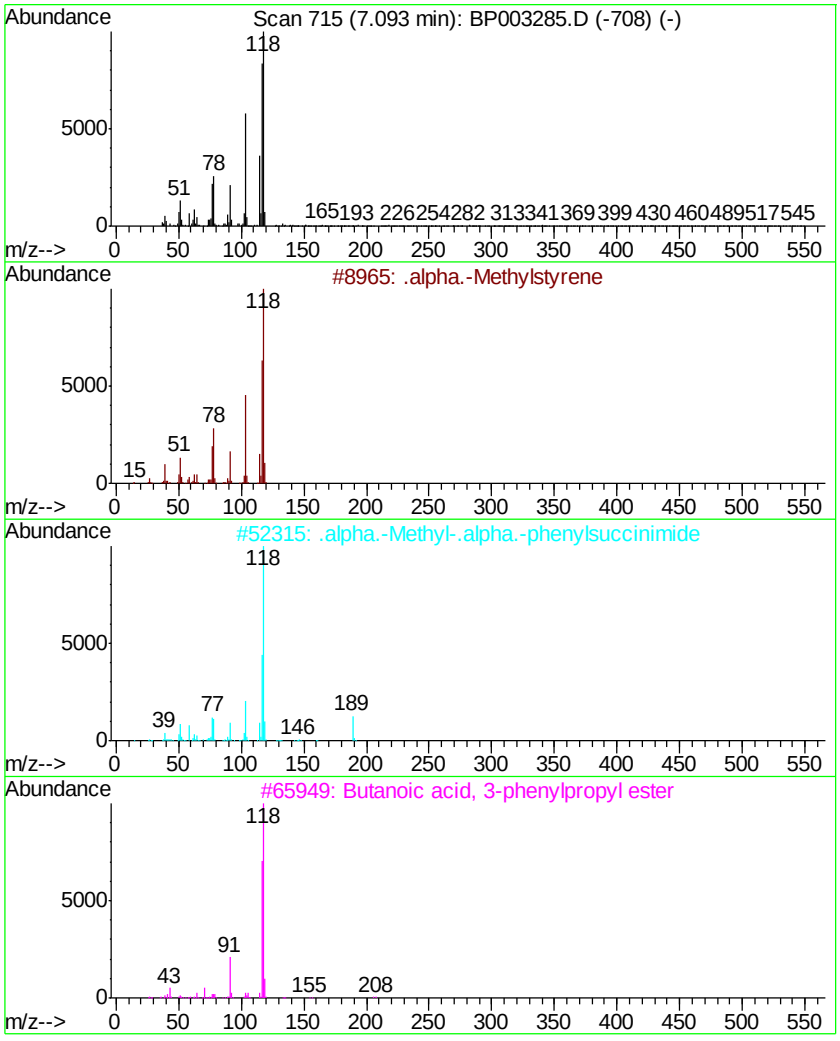
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

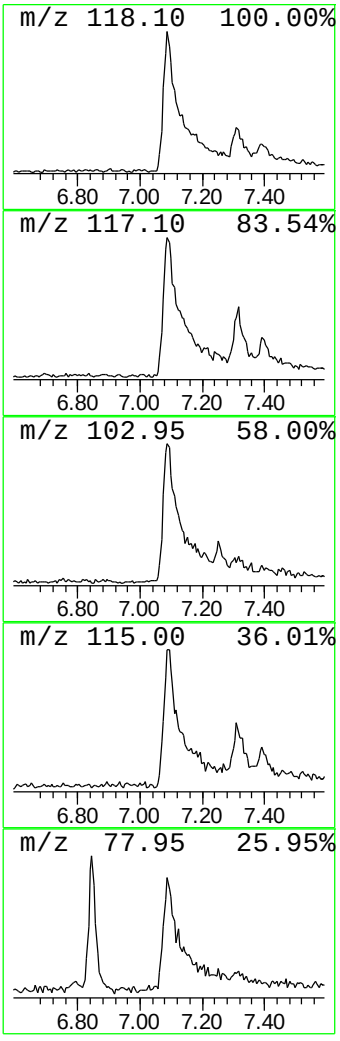
****

Peak Number 2 .alpha.-Methylstyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.96 ng	138415	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2	.alpha.-Methyl-.alpha.-phenylsuc...	189	C11H11NO2	001497-17-2	53
3	Butanoic acid, 3-phenylpropyl ester	206	C13H18O2	007402-29-1	50
4	2,3,4-Trifluorobenzoic acid, 3-p...	294	C16H13F3O2	1000282-30-3	50
5	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

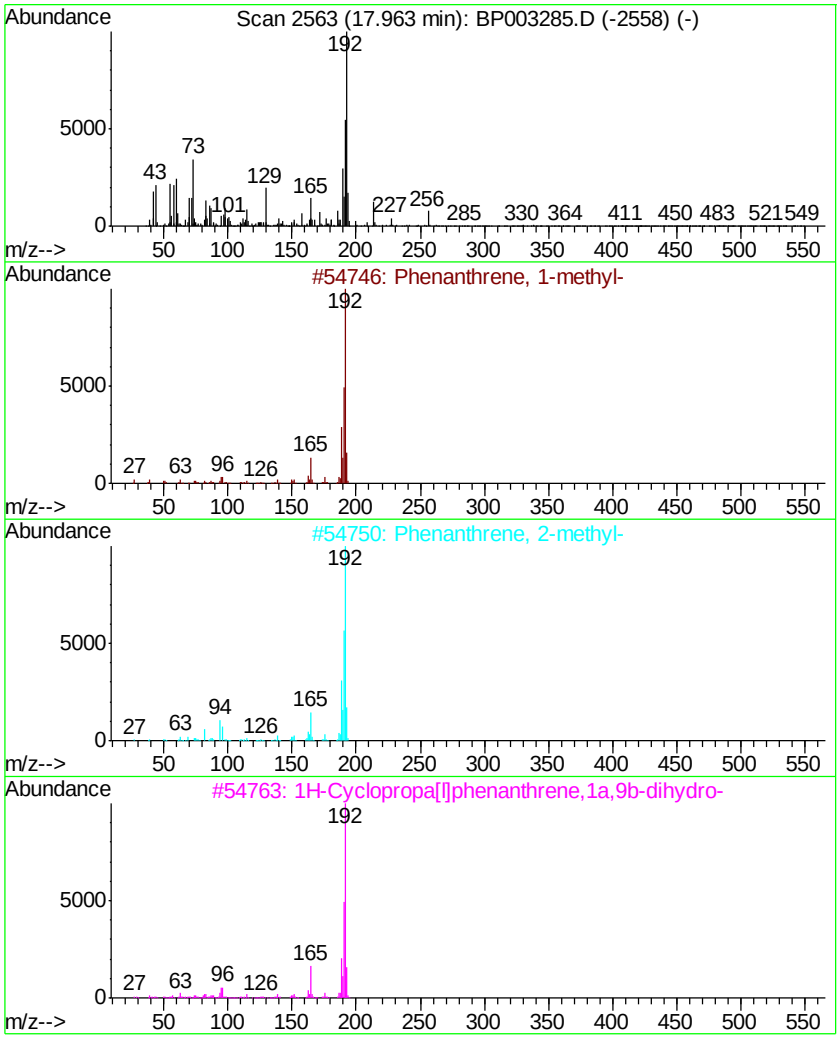
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

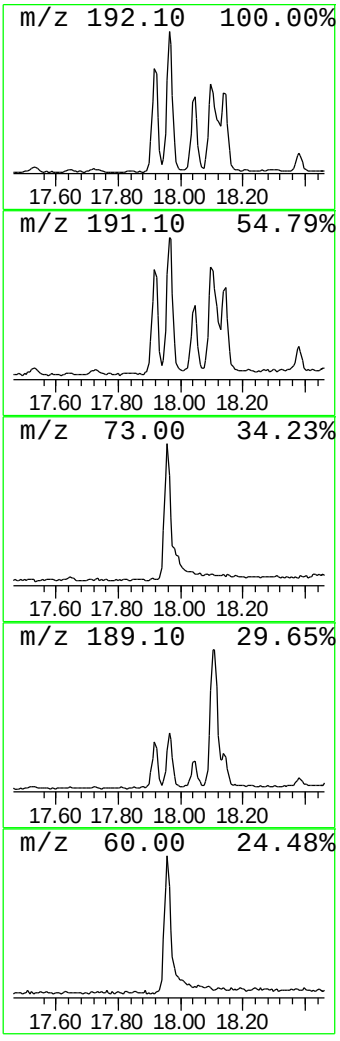
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.52 ng	511502	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

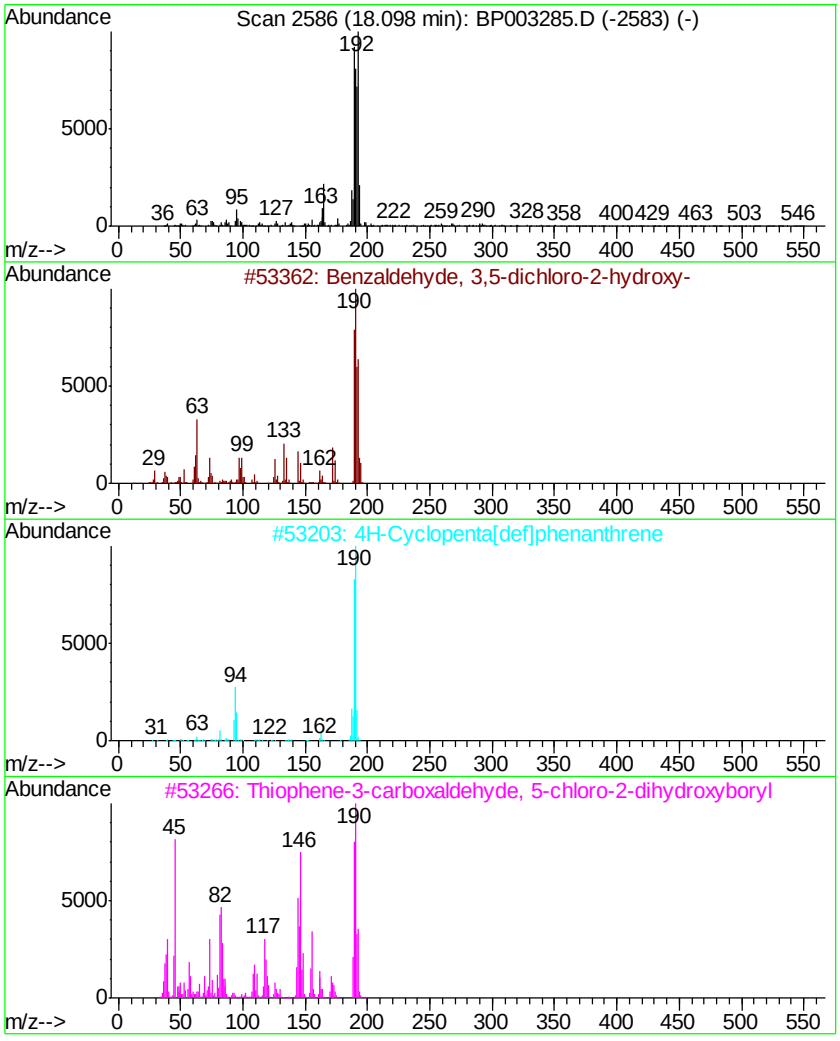
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

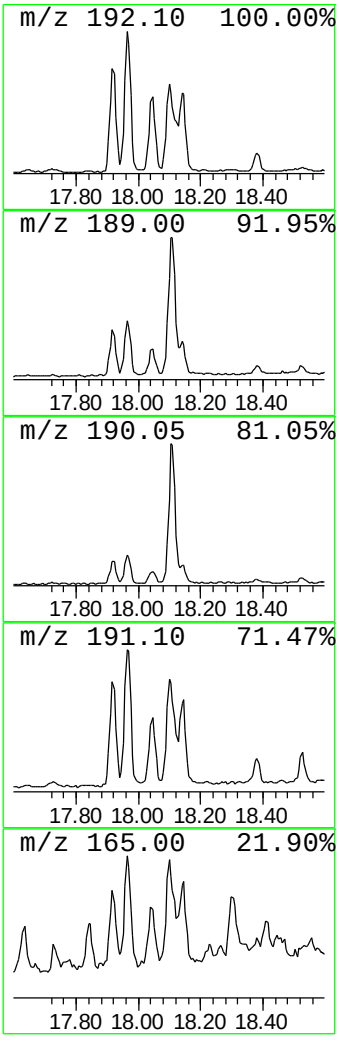
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.59 ng	281925	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

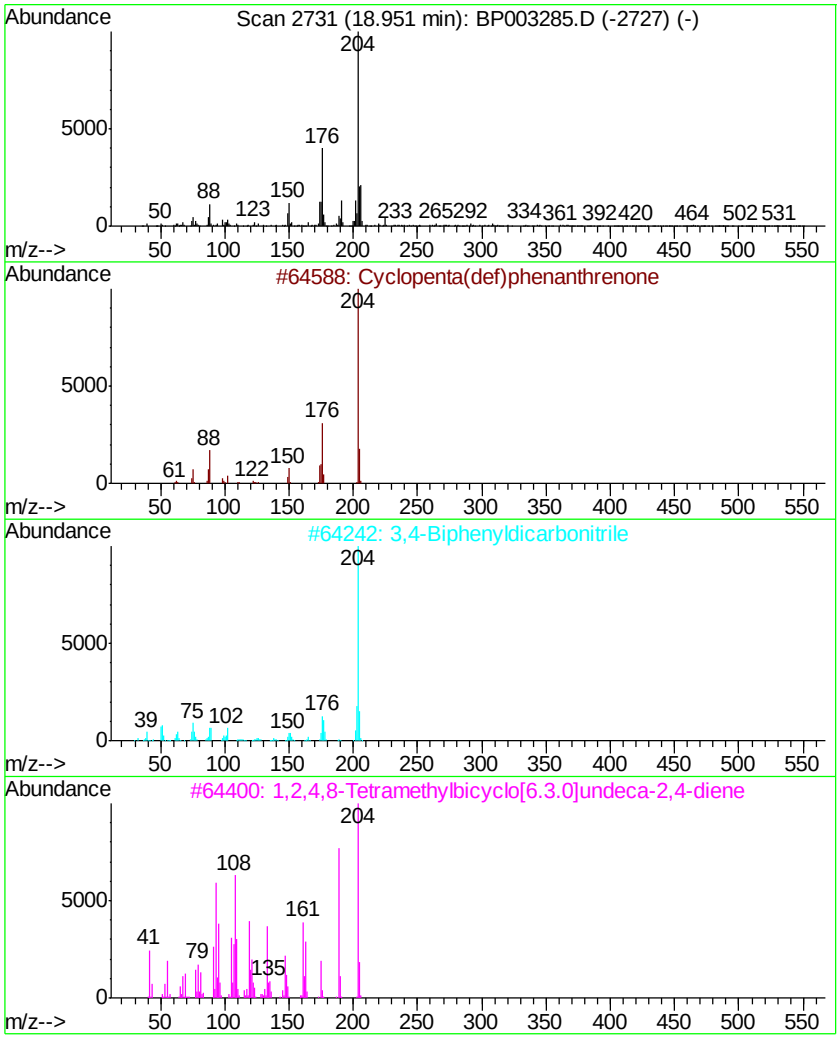
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

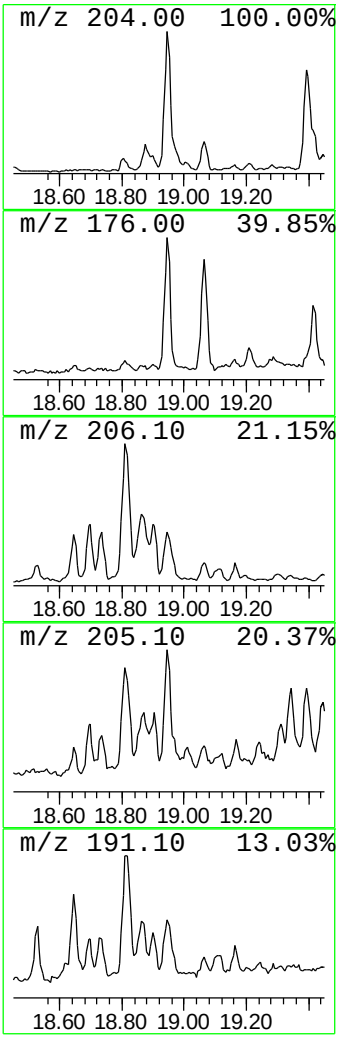
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.28 ng	179137	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

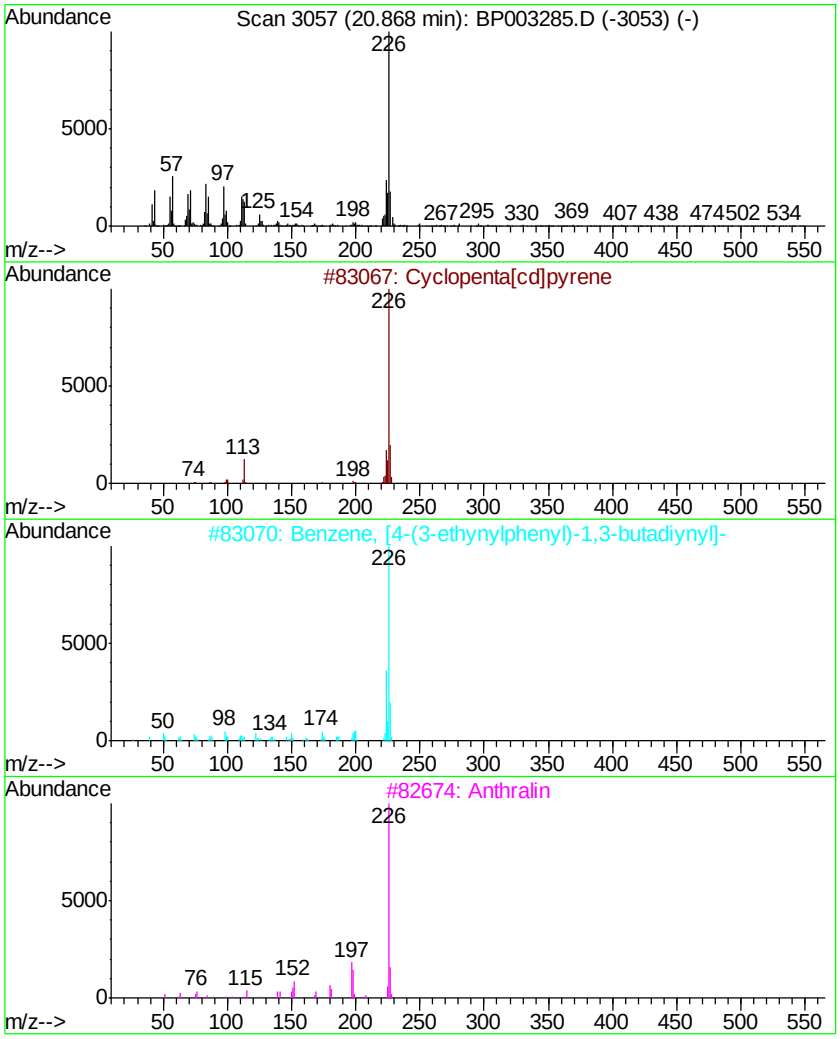
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

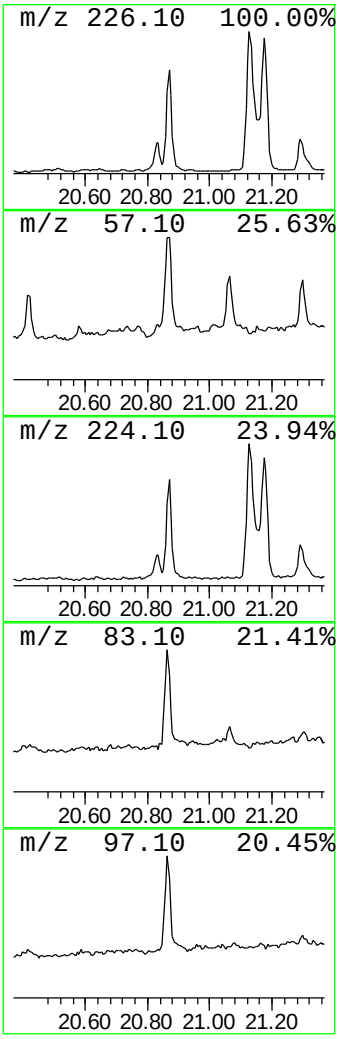
****

Peak Number 6 unknown20.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.87 ng	656492	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	49
3	Anthralin	226	C14H10O3	001143-38-0	43
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

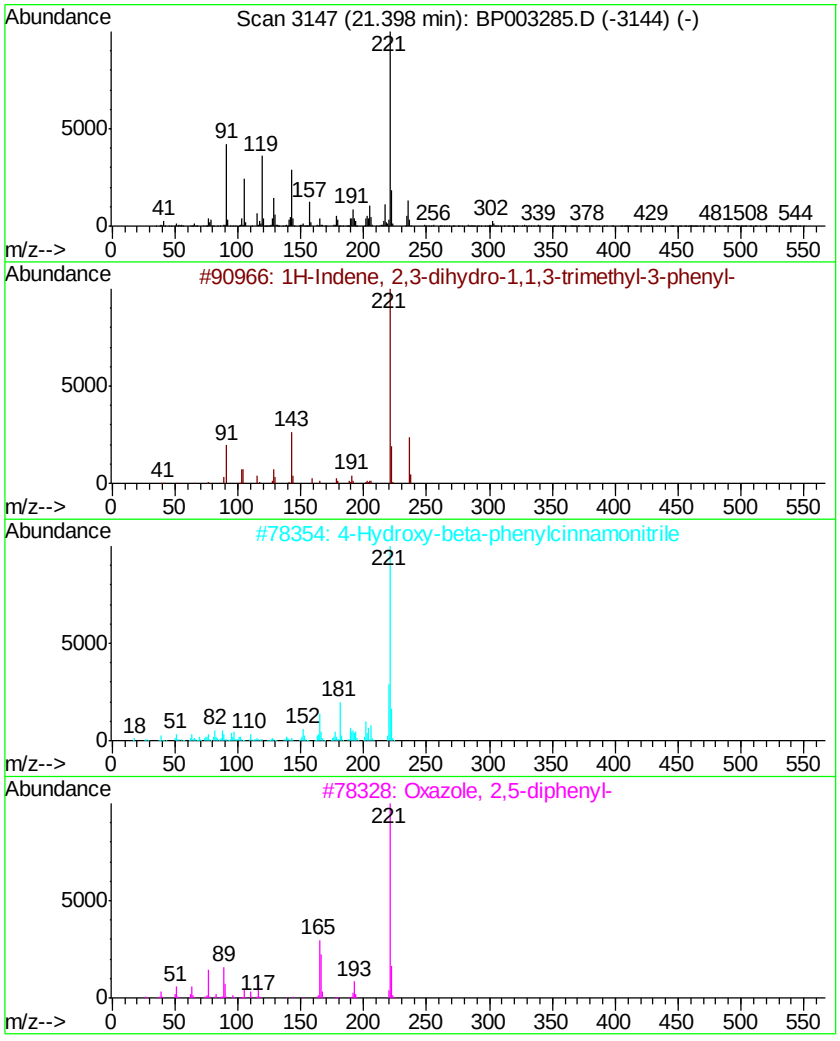
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

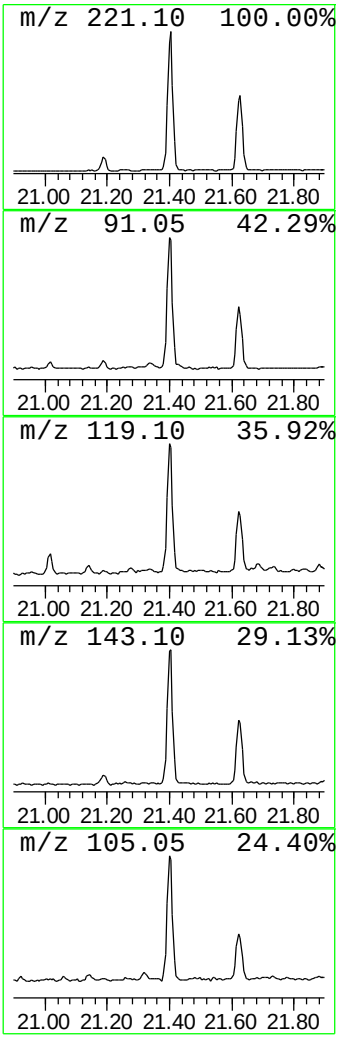
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	7.11 ng	1205120	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	50
2	4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	43
3	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	43
4	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	43
5	Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

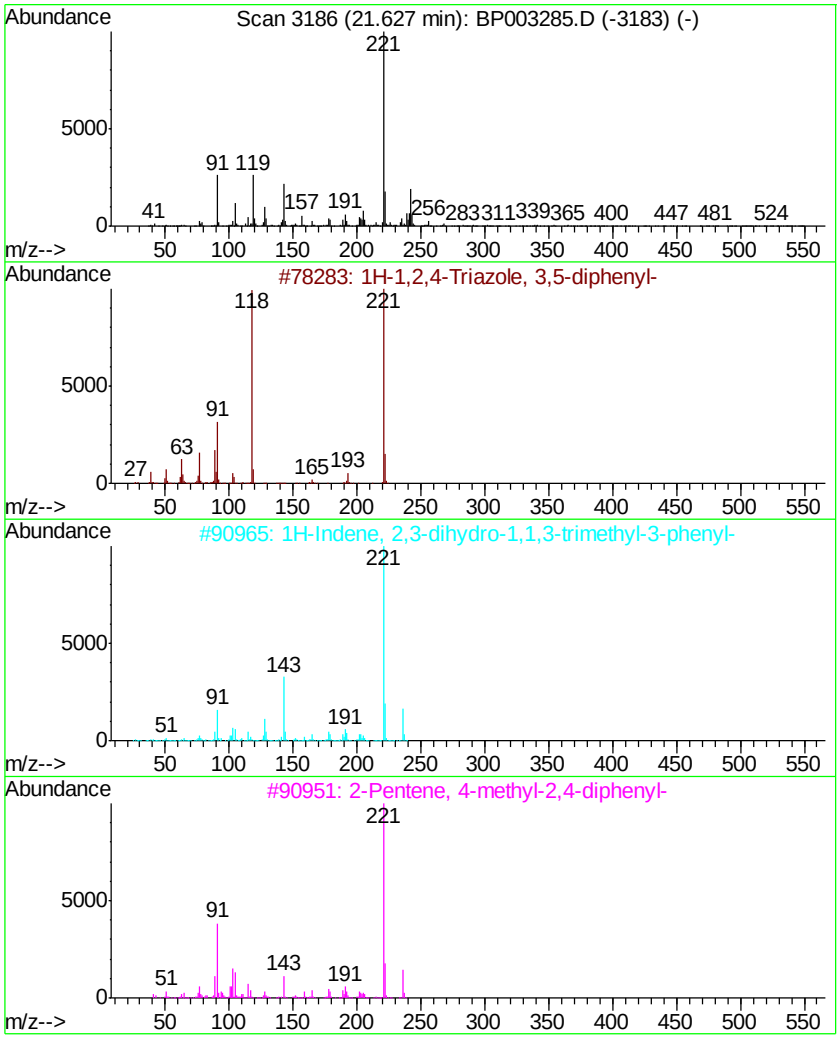
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

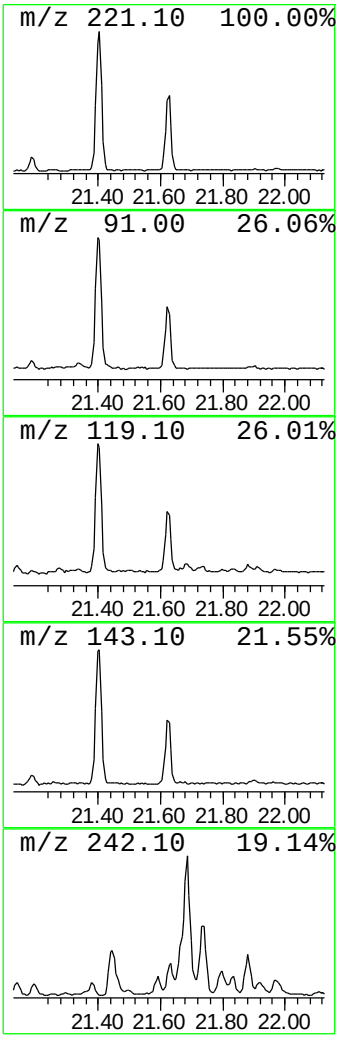
****

Peak Number 8 unknown21.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	3.07 ng	521349	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3,5-diphenyl-	221	C14H11N3	002039-06-7	43
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	42
3	2-Pentene, 4-methyl-2,4-diphenyl-	236	C18H20	006258-73-7	37
4	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	32
5	1H-Naphtho[2,1-b]pyran-2-carboni...	388	C23H20N2O4	299198-80-4	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

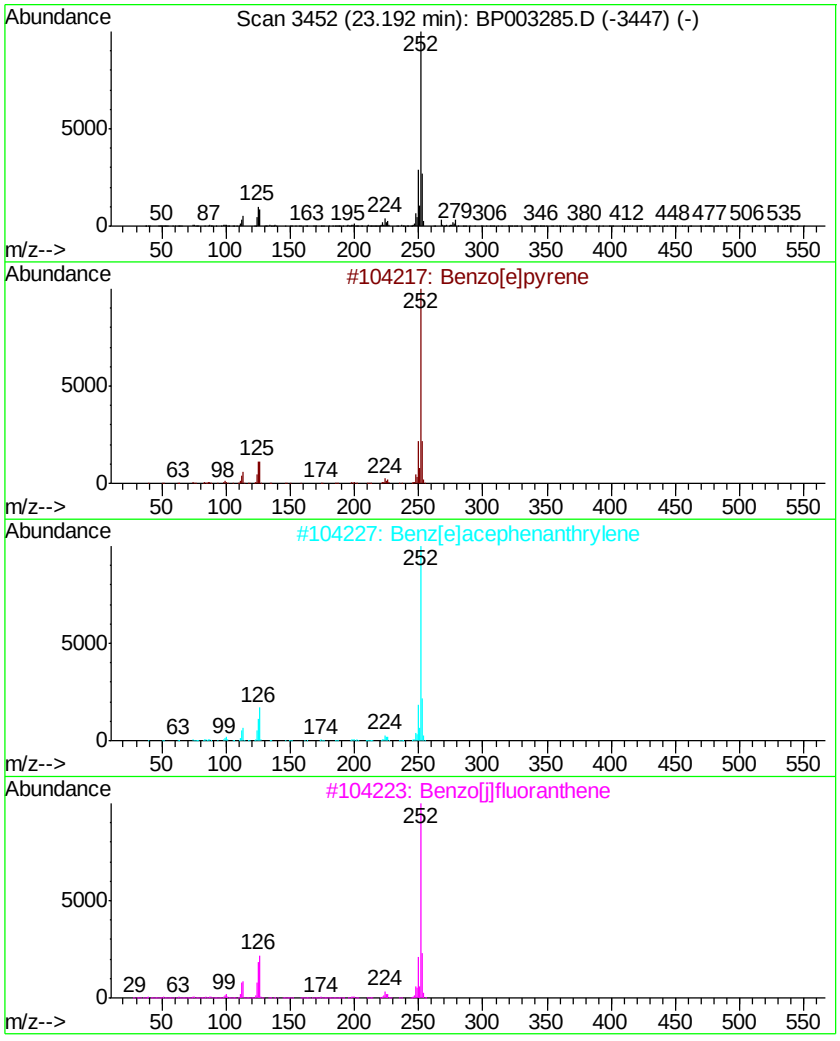
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

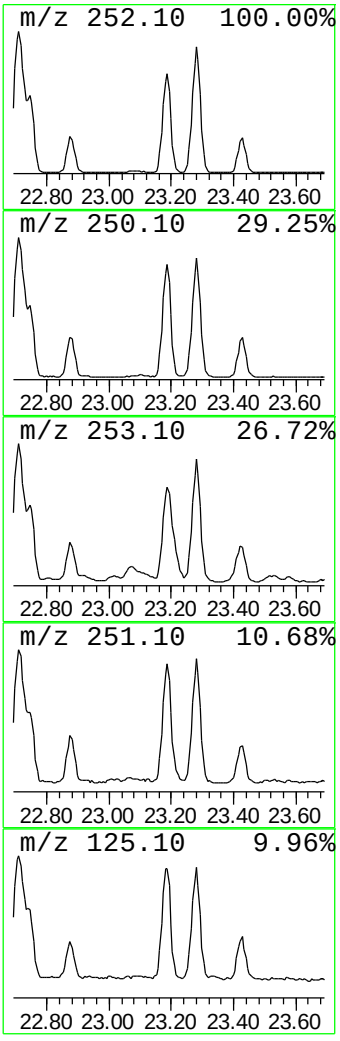
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	21.51 ng	1665510	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091420\
Data File : BP003285.D
Acq On : 15 Sep 2020 00:36
Operator : CG/JU
Sample : L3981-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B19-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
.alpha.-Methylsty...	7.09	3.0	ng	138415	1	7.65	936159	20.0
Phenanthrene, 1-m...	17.96	6.5	ng	511502	4	17.05	1570030	20.0
Benzaldehyde, 3,5...	18.10	3.6	ng	281925	4	17.05	1570030	20.0
Cyclopenta(def)ph...	18.95	2.3	ng	179137	4	17.05	1570030	20.0
unknown20.87	20.87	3.9	ng	656492	5	21.14	3392160	20.0
1H-Indene, 2,3-di...	21.40	7.1	ng	1205120	5	21.14	3392160	20.0
unknown21.63	21.63	3.1	ng	521349	5	21.14	3392160	20.0
Benzo[e]pyrene	23.19	21.5	ng	1665510	6	23.38	1548640	20.0