LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	399	405	432	rBV	1562244	2914597	18.27%	2.757%
2	6.958	664	675	690	rBV	1492292	3003238	18.82%	2.841%
3	7.763	804	812	823	rBV	1057181	1898376	11.90%	1.796%
4	8.922	1001	1009	1019	rBV	918703	1796867	11.26%	1.700%
5	10.557	1278	1287	1293	rBV	1381186	2627520	16.47%	2.486%
6	13.028	1700	1707	1722	rBV	2903027	4746715	29.75%	4.490%
7	14.134	1889	1895	1910	rVB	356779	643514	4.03%	0.609%
8	14.410	1935	1942	1949	rBV	2204838	3457140	21.67%	3.270%
9	15.463	2117	2121	2134	rVB3	92579	217817	1.37%	0.206%
10	15.910	2191	2197	2208	rBV	2080050	3493087	21.89%	3.304%
11	16.151	2233	2238	2247	rBV2	105103	202873	1.27%	0.192%
12	16.833	2349	2354	2362	rVB	141752	233482	1.46%	0.221%
13	16.992	2377	2381	2392	rVB	142518	266281	1.67%	0.252%
14	17.175	2406	2412	2416	rBV	2580340	4016294	25.17%	3.799%
15	17.216	2416	2419	2426	rVV	2203054	3221810	20.19%	3.048%
16	17.310	2430	2435	2441	rVV	687244	1061890	6.65%	1.005%
17	17.375	2442	2446	2452	rVV2	110396	205120	1.29%	0.194%
18	17.586	2478	2482	2486	rBV	146804	234584	1.47%	0.222%
19	17.698	2497	2501	2508	rBV3	117269	177030	1.11%	0.167%
20	17.763	2509	2512	2521	rVB3	125582	233680	1.46%	0.221%
21	18.051	2557	2561	2564	rBV	393892	561915	3.52%	0.532%
22	18.098	2564	2569	2574	rVB	676078	1125102	7.05%	1.064%
23	18.175	2579	2582	2587	rVB	242074	305122	1.91%	0.289%
24	18.239	2587	2593	2597	rBV2	560109	1144689	7.17%	1.083%
25	18.539	2640	2644	2648	rBV	323091	451045	2.83%	0.427%
26	18.586	2648	2652	2659	rVB2	210047	326616	2.05%	0.309%
27	18.945	2709	2713	2717	rBV	417321	653911	4.10%	0.619%
28	19.086	2733	2737	2743	rVB	352175	577247	3.62%	0.546%
29	19.204	2751	2757	2764	rBV	4822754	7065574	44.28%	6.684%
30	19.351	2779	2782	2787	rVB	325792	387924	2.43%	0.367%
31	19.557	2808	2817	2825	rBV	4587685	7828319	49.06%	7.405%
32	19.757	2846	2851	2855	rVB	4420989	5683728	35.62%	5.377%
33	19.880	2868	2872	2879	rVB2	340446	721620	4.52%	0.683%
34	20.339	2947	2950	2953	rBV	314918	368995	2.31%	0.349%
35	20.780	3022	3025	3032	rBV	658863	996865	6.25%	0.943%
36	21.033	3063	3068	3072	rBV3	784458	1943233	12.18%	1.838%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.292	3105	3112	3116	rBV2	4387229	9430444	59.10%	8.921%
38	21.327	3116	3118	3124	rVB	2123036	2625870	16.46%	2.484%
39	21.416	3127	3133	3138	rBV	9769304	15957215	100.00%	15.095%
40	22.963	3391	3396	3402	rBV	2352336	5600950	35.10%	5.298%
41	23.586	3497	3502	3508	rVB	2040168	3745045	23.47%	3.543%
42	23.692	3516	3520	3526	rVB2	1839303	3558121	22.30%	3.366%

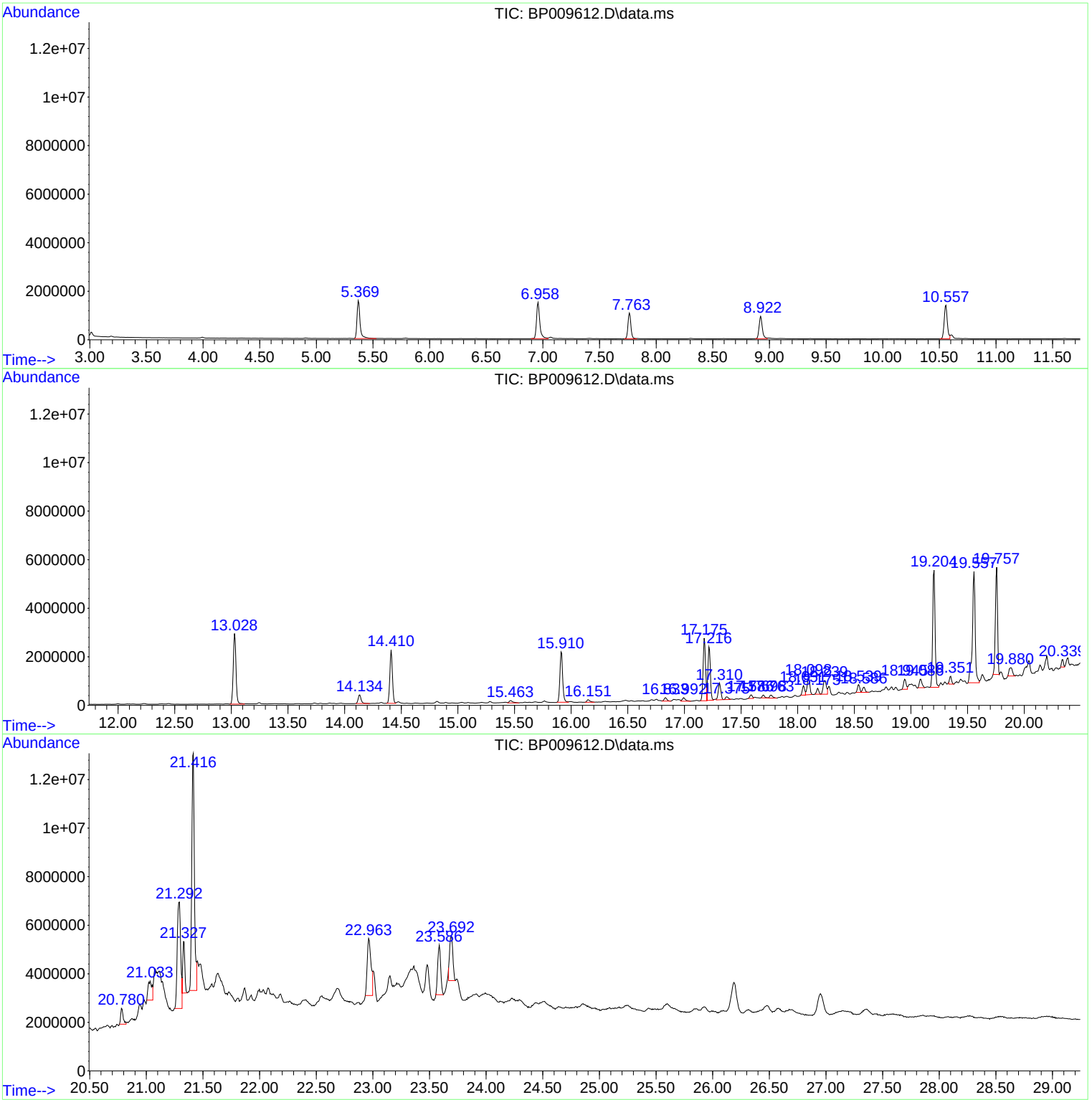
Sum of corrected areas: 105711465

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

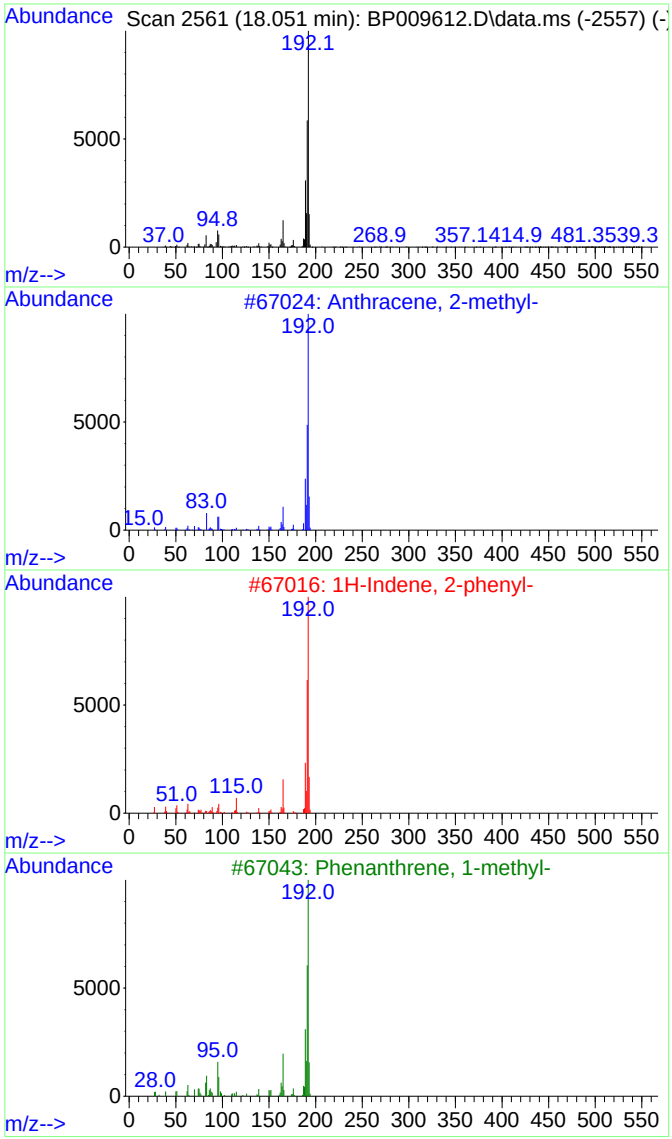
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

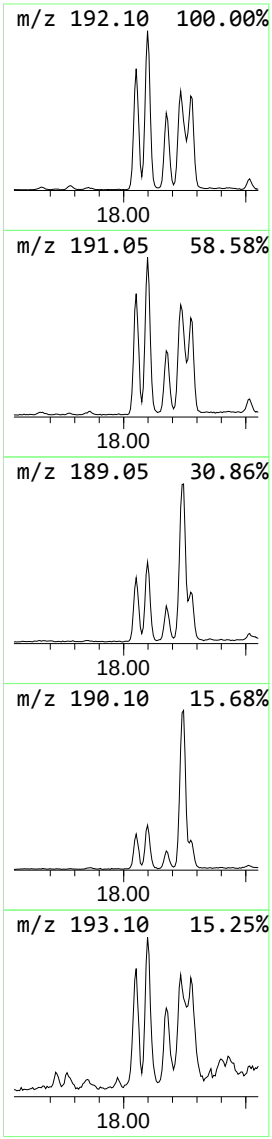
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	2.80 ng	561915	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

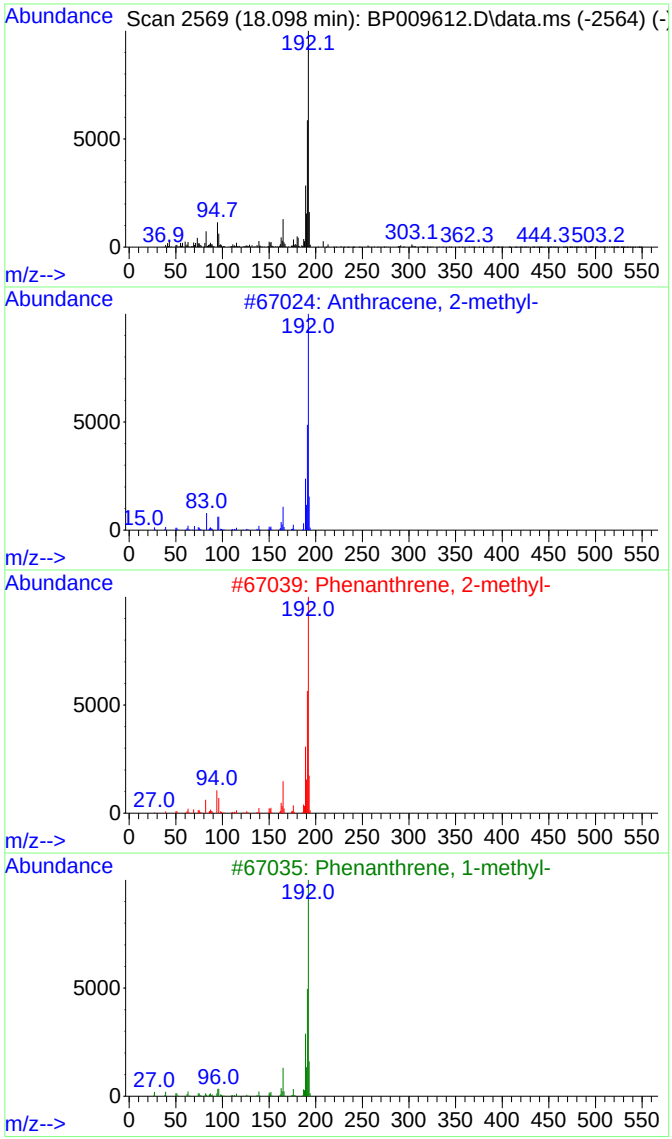
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

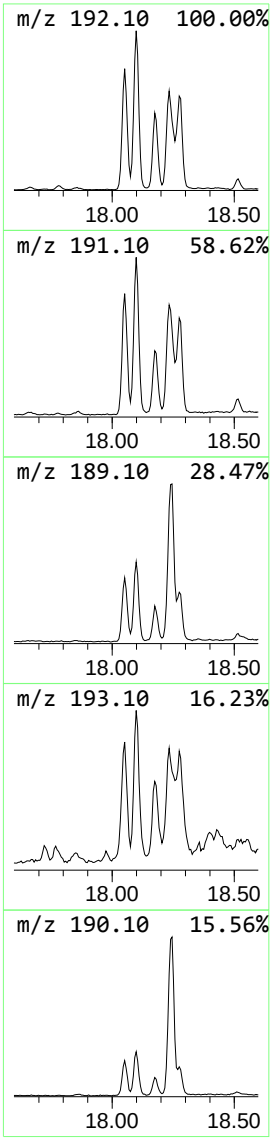
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.60 ng	1125100	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

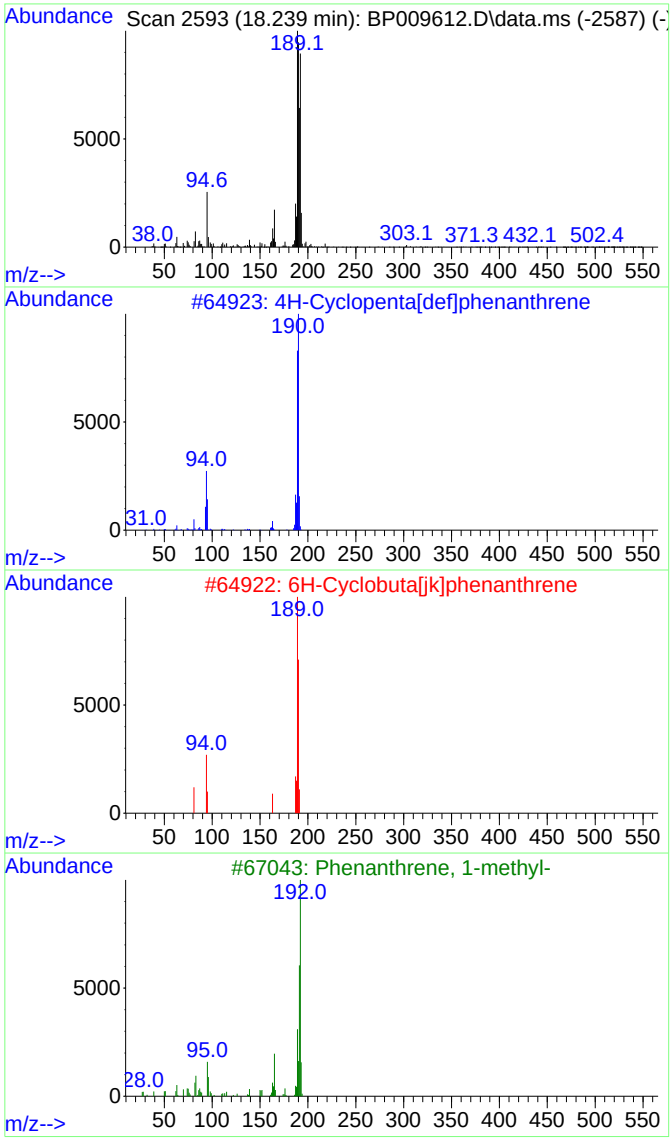
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

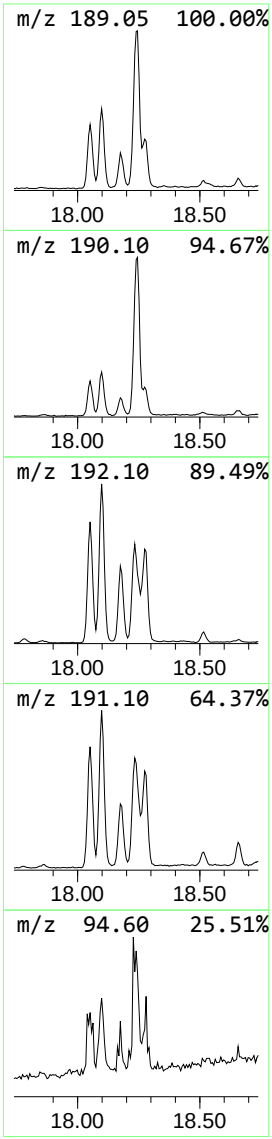
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	5.70 ng	1144690	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

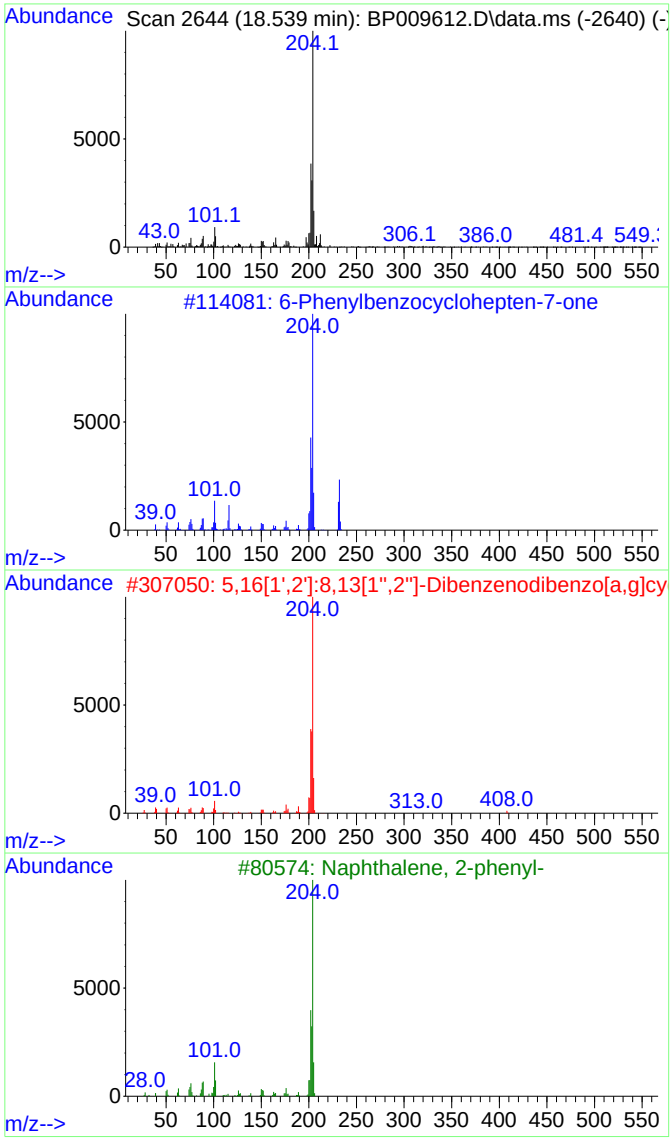
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

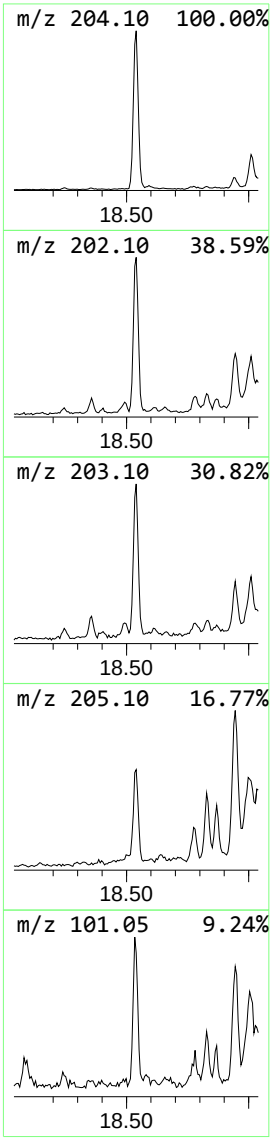
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.25 ng	451045	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

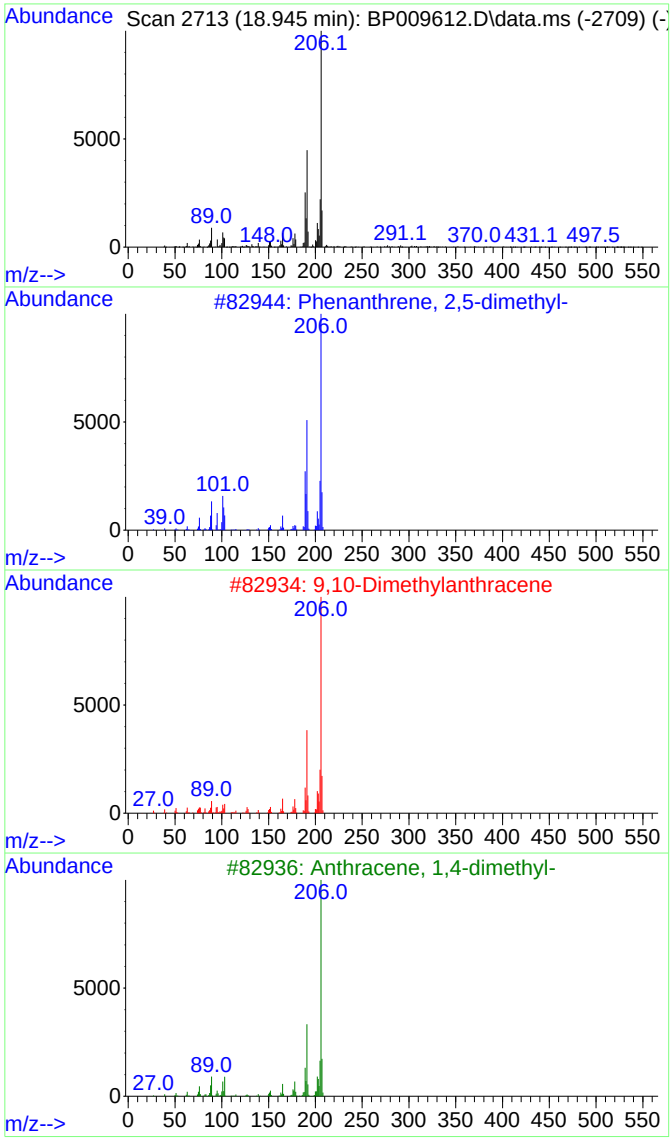
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

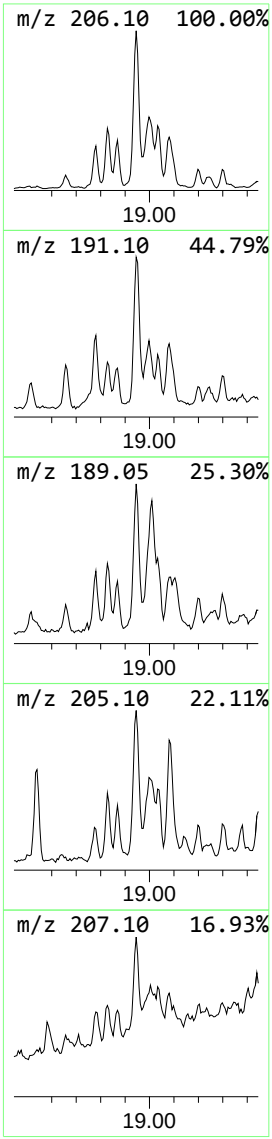
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	3.26 ng	653911	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

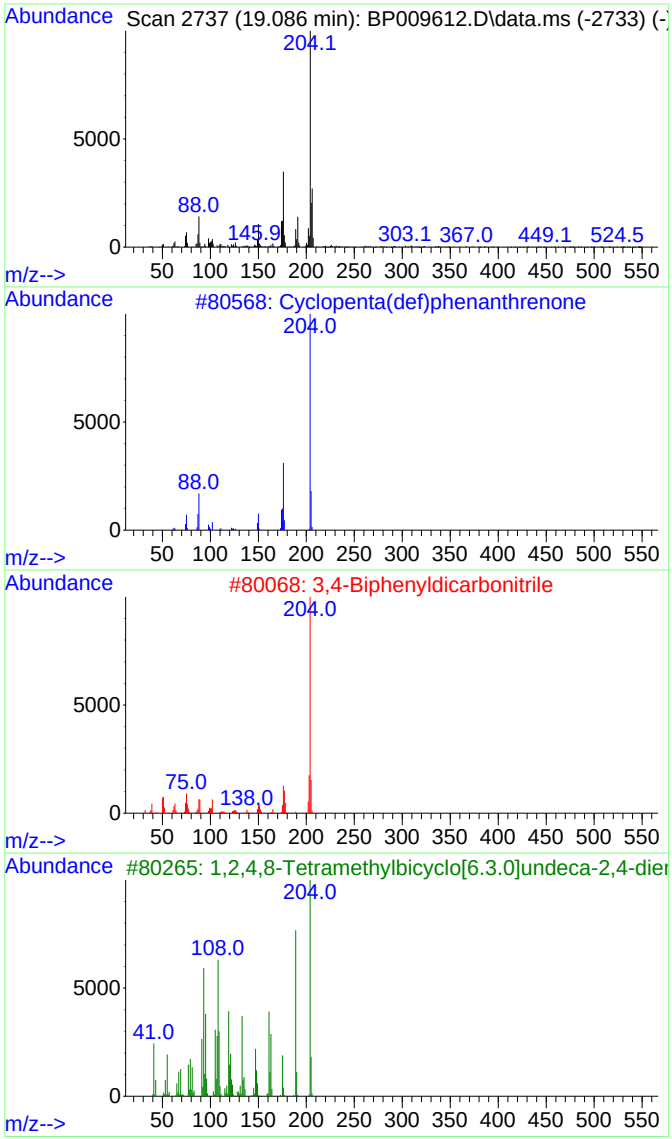
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

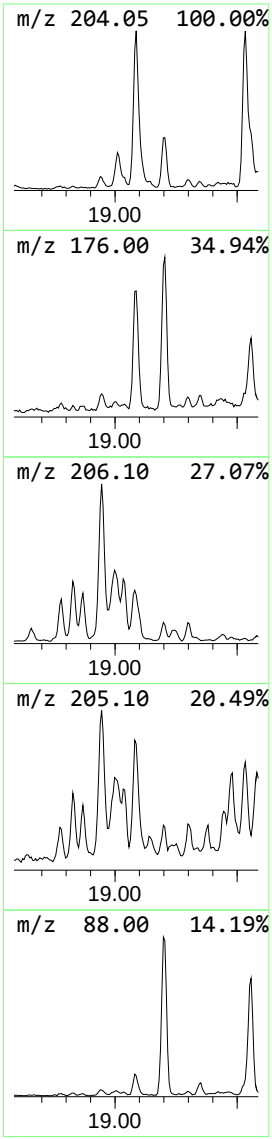
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	2.87 ng	577247	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

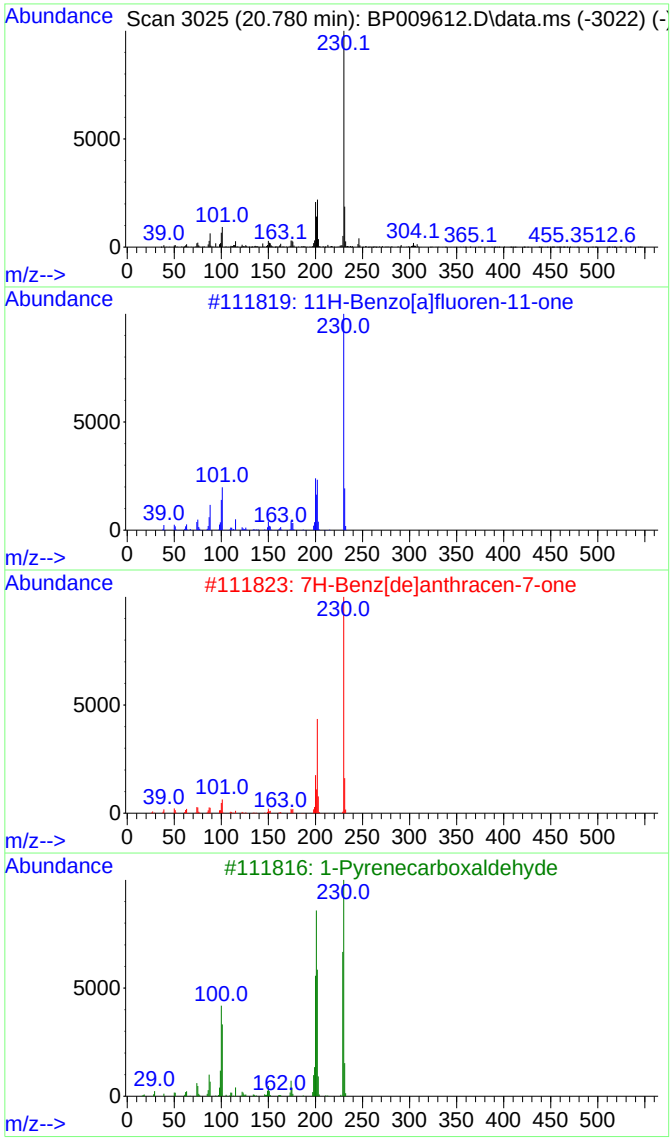
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

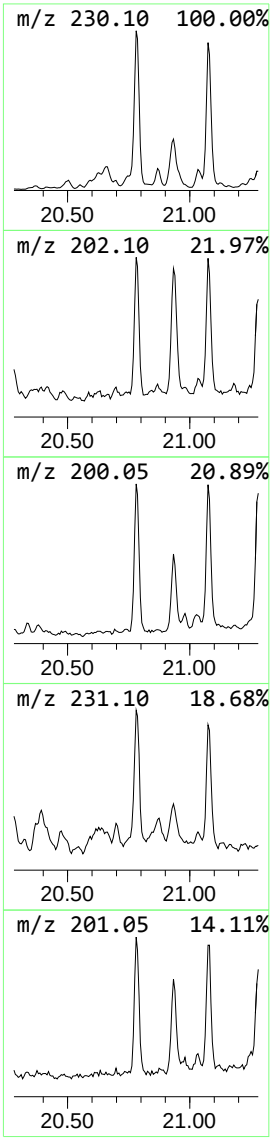
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.780	2.11 ng	996865	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5	o-Terphenyl	230	C18H14	000084-15-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

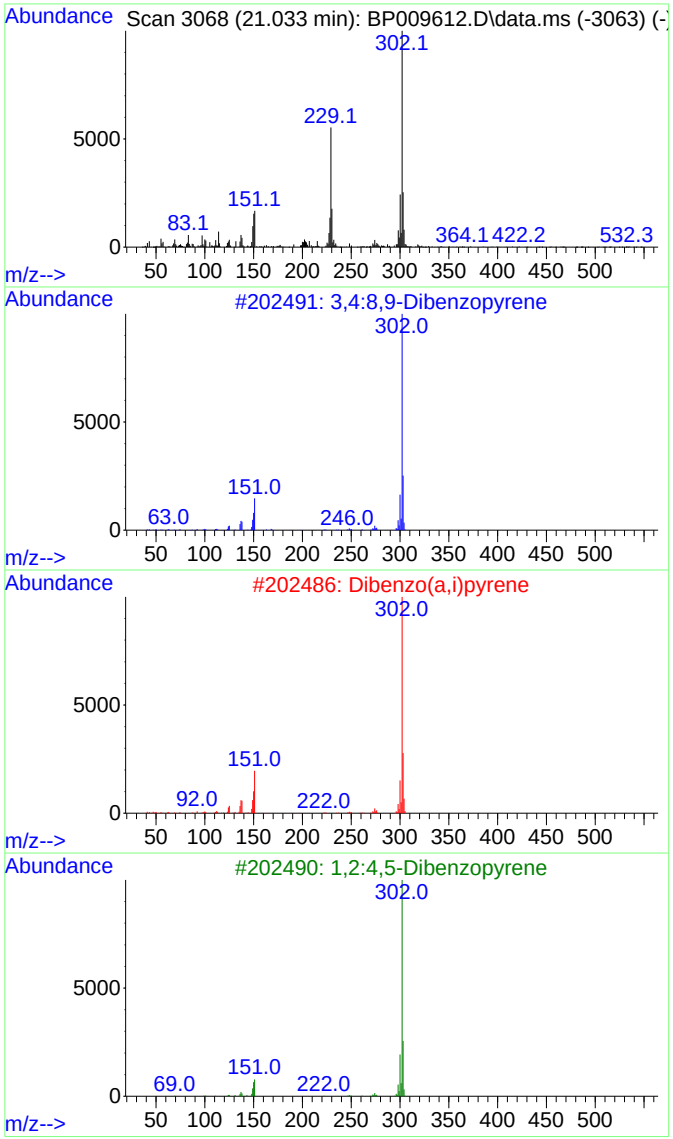
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

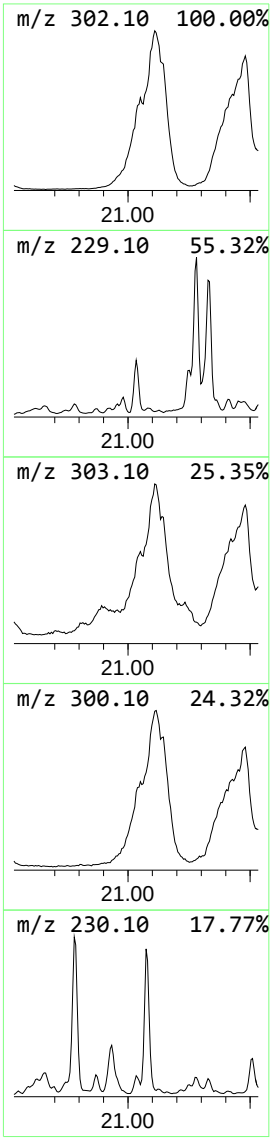
****

Peak Number 8 3,4:8,9-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	4.12 ng	1943230	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	96
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

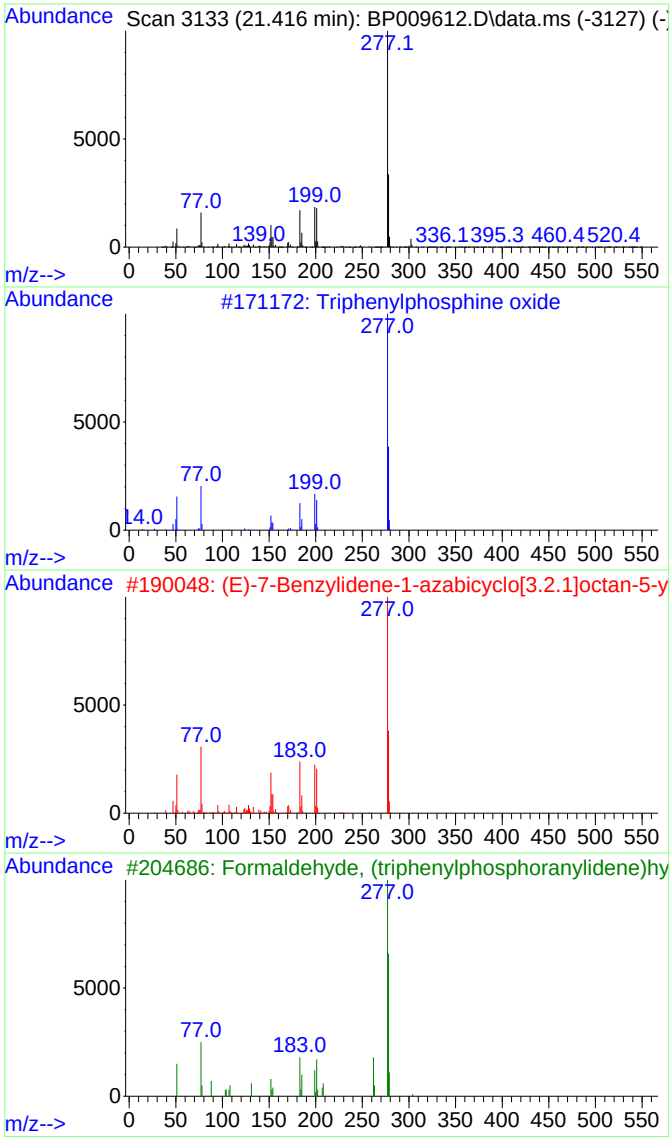
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

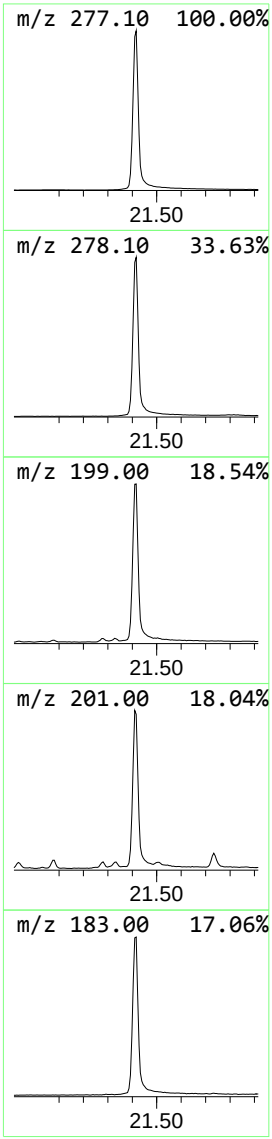
****

Peak Number 9 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	33.84 ng	15957200	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	45
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Anthracene, 2-m...	18.051	2.8	ng	561915	4	17.175	4016290	20.0
Phenanthrene, 2...	18.098	5.6	ng	1125100	4	17.175	4016290	20.0
4H-Cyclopenta[d...	18.239	5.7	ng	1144690	4	17.175	4016290	20.0
6-Phenylbenzocy...	18.539	2.3	ng	451045	4	17.175	4016290	20.0
Phenanthrene, 2...	18.945	3.3	ng	653911	4	17.175	4016290	20.0
Cyclopenta(def)...	19.086	2.9	ng	577247	4	17.175	4016290	20.0
11H-Benzo[a]flu...	20.780	2.1	ng	996865	5	21.292	9430440	20.0
3,4:8,9-Dibenzo...	21.033	4.1	ng	1943230	5	21.292	9430440	20.0
Triphenylphosph...	21.416	33.8	ng	15957200	5	21.292	9430440	20.0