LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-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\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	402	409	430	rBV	2683862	4425076	34.25%	3.752%
2	6.993	673	681	710	rBV	2702860	4727805	36.59%	4.008%
3	7.799	811	818	827	rBV	812304	1348222	10.43%	1.143%
4	8.340	903	910	922	rBV	68143	162704	1.26%	0.138%
5	8.963	1009	1016	1031	rBV	1774103	3120648	24.15%	2.646%
6	10.599	1287	1294	1300	rBV	1108197	1951442	15.10%	1.654%
7	10.652	1300	1303	1310	rVB	88592	150307	1.16%	0.127%
8	12.263	1571	1577	1586	rBV	114402	210830	1.63%	0.179%
9	12.487	1609	1615	1625	rVB	248052	420376	3.25%	0.356%
10	13.069	1706	1714	1727	rBV	5666925	8654232	66.98%	7.337%
11	13.281	1744	1750	1756	rBV2	99205	153324	1.19%	0.130%
12	13.351	1756	1762	1769	rVB	138584	215151	1.67%	0.182%
13	13.628	1796	1809	1815	rBV2	52035	136465	1.06%	0.116%
14	13.769	1826	1833	1838	rBV	172857	306108	2.37%	0.260%
15	13.904	1851	1856	1866	rVB	112535	212528	1.64%	0.180%
16	14.169	1894	1901	1912	rBV	440604	764219	5.91%	0.648%
17	14.445	1939	1948	1955	rBV	1927433	3036336	23.50%	2.574%
18	14.510	1955	1959	1968	rVB2	84632	187810	1.45%	0.159%
19	15.057	2045	2052	2060	rBV4	61280	172667	1.34%	0.146%
20	15.239	2075	2083	2086	rBV4	50329	129643	1.00%	0.110%
21	15.322	2091	2097	2103	rVB3	74794	148976	1.15%	0.126%
22	15.498	2122	2127	2140	rVB	232471	432348	3.35%	0.367%
23	15.622	2140	2148	2152	rBV3	70504	129905	1.01%	0.110%
24	15.710	2158	2163	2172	rBV5	57604	151698	1.17%	0.129%
25	15.945	2194	2203	2221	rBV	5239978	7642543	59.15%	6.480%
26	16.181	2237	2243	2249	rBV2	160290	307611	2.38%	0.261%
27	16.510	2292	2299	2303	rBV4	66530	146636	1.13%	0.124%
28	16.863	2354	2359	2365	rVB	299874	452368	3.50%	0.384%
29	17.204	2411	2417	2421	rBV	2386960	3713238	28.74%	3.148%
30	17.245	2421	2424	2432	rVV	4636218	6516318	50.43%	5.525%
31	17.339	2435	2440	2446	rVB	438426	648880	5.02%	0.550%
32	17.722	2500	2505	2511	rVB	522432	783982	6.07%	0.665%
33	17.792	2513	2517	2523	rVB3	121820	187842	1.45%	0.159%
34	17.886	2529	2533	2538	rBV4	86035	170138	1.32%	0.144%
35	18.075	2560	2565	2568	rVV	844601	1125568	8.71%	0.954%
36	18.122	2568	2573	2579	rVV	867433	1417468	10.97%	1.202%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-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\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.204	2583	2587	2591	rVV	121416	164476	1.27%	0.139%
38	18.263	2591	2597	2601	rVV2	979015	1784403	13.81%	1.513%
39	18.298	2601	2603	2612	rVB	604271	735872	5.70%	0.624%
40	18.381	2613	2617	2621	rBV3	132722	186343	1.44%	0.158%
41	18.557	2642	2647	2652	rBV	1224128	1633929	12.65%	1.385%
42	18.610	2652	2656	2664	rVB3	339938	567549	4.39%	0.481%
43	18.798	2685	2688	2693	rBV	151243	188917	1.46%	0.160%
44	18.845	2693	2696	2700	rVV	125084	158320	1.23%	0.134%
45	18.963	2712	2716	2720	rBV	404172	579062	4.48%	0.491%
46	19.016	2721	2725	2729	rVB4	304988	471925	3.65%	0.400%
47	19.104	2735	2740	2745	rBV2	409823	656776	5.08%	0.557%
48	19.222	2754	2760	2766	rBV	4138412	5336387	41.30%	4.524%
49	19.280	2766	2770	2773	rBV	221134	287325	2.22%	0.244%
50	19.316	2773	2776	2780	rVV2	163380	288067	2.23%	0.244%
51	19.363	2781	2784	2789	rVB	273101	407442	3.15%	0.345%
52	19.575	2812	2820	2828	rBV	6542540	9091731	70.37%	7.708%
53	19.645	2829	2832	2837	rVB2	179146	266665	2.06%	0.226%
54	19.769	2848	2853	2866	rVB	9598876	12920267	100.00%	10.954%
55	19.898	2869	2875	2882	rBV2	417646	1010780	7.82%	0.857%
56	20.051	2893	2901	2906	rBV	612599	1469313	11.37%	1.246%
57	20.157	2916	2919	2924	rBV	275573	332695	2.57%	0.282%
58	20.210	2924	2928	2933	rBV	661548	940952	7.28%	0.798%
59	20.351	2948	2952	2955	rBV	545402	656009	5.08%	0.556%
60	20.392	2955	2959	2964	rVB	680622	867766	6.72%	0.736%
61	20.792	3024	3027	3033	rVB	526429	708098	5.48%	0.600%
62	20.992	3057	3061	3062	rBV	537797	613368	4.75%	0.520%
63	21.016	3062	3065	3072	rVV2	747882	1507927	11.67%	1.278%
64	21.086	3075	3077	3087	rVB	479097	711751	5.51%	0.603%
65	21.298	3107	3113	3117	rBV2	3417493	6188363	47.90%	5.247%
66	21.339	3117	3120	3125	rVB	2231739	2779372	21.51%	2.356%
67	22.974	3392	3398	3411	rBV	1101087	3499536	27.09%	2.967%
68	23.492	3481	3486	3493	rVB	873561	1682740	13.02%	1.427%
69	23.598	3498	3504	3510	rVB	1037365	2086629	16.15%	1.769%
70	23.704	3516	3522	3528	rVB	1459359	2706647	20.95%	2.295%

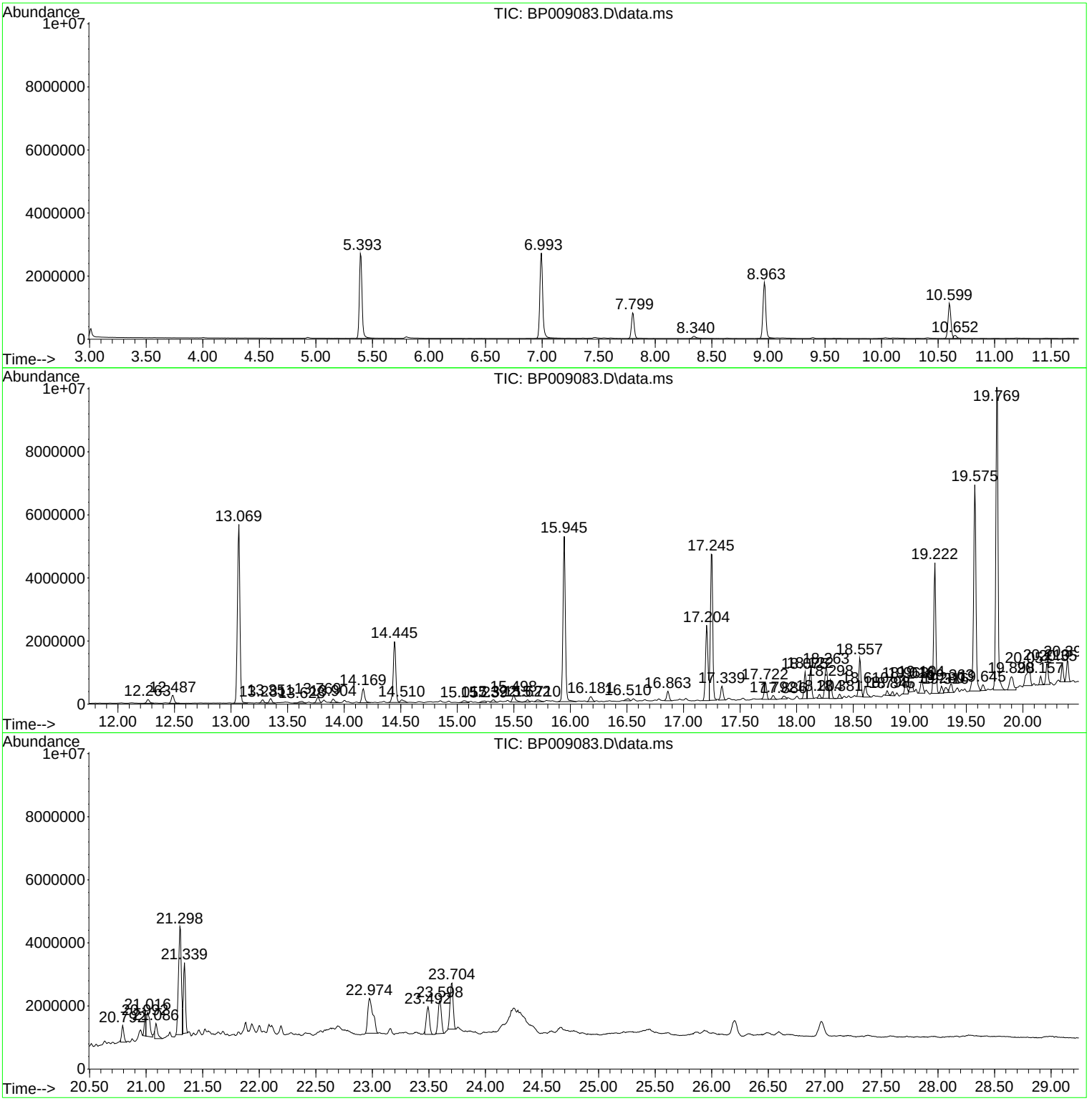
Sum of corrected areas: 117948814

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

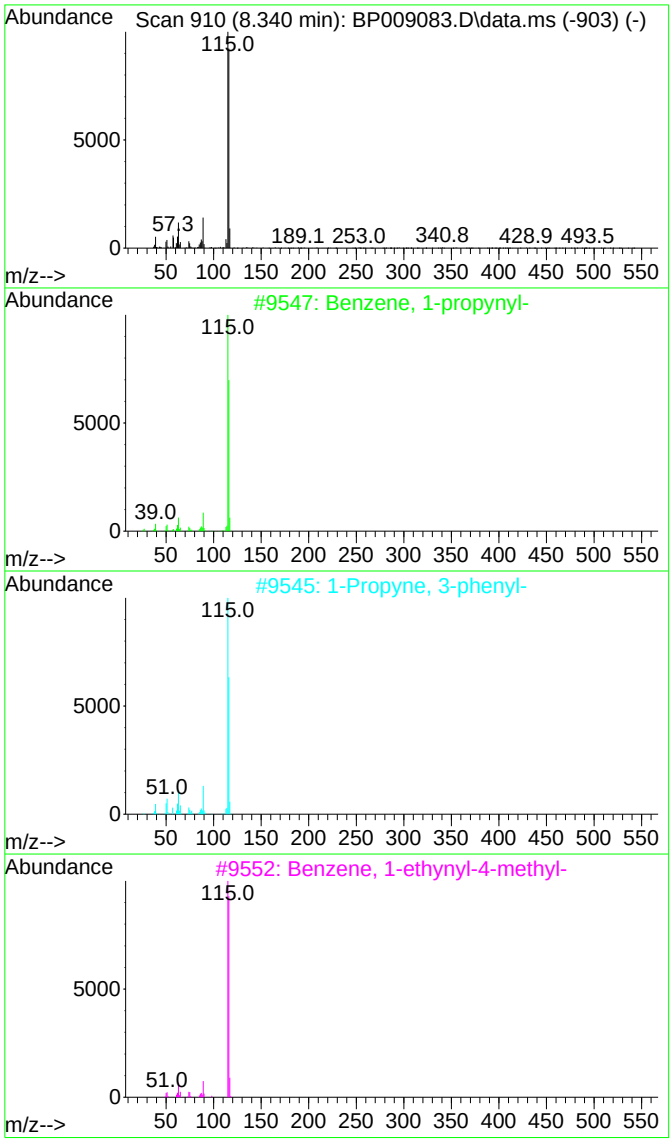
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

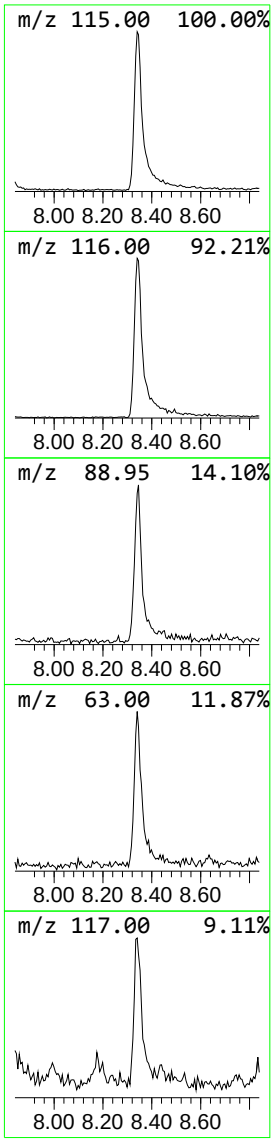
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.340	2.41 ng	162704	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Indene	116	C9H8	000095-13-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

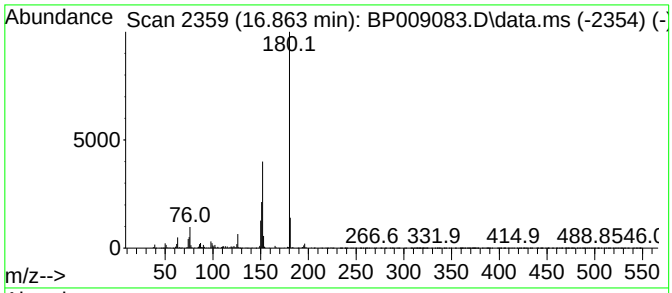
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

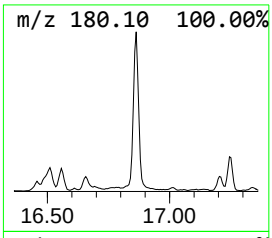
****

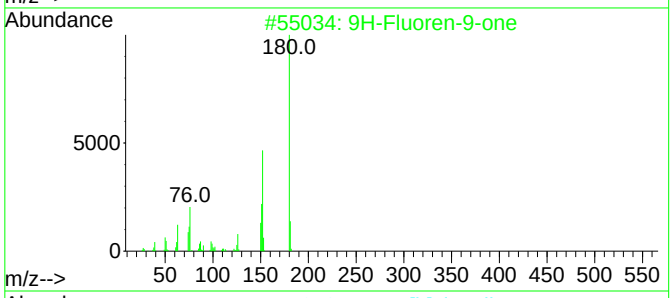
Peak Number 2 9H-Fluoren-9-one Concentration Rank 17

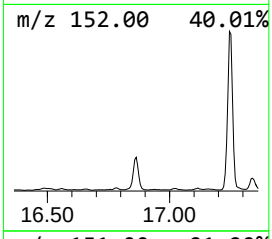
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	2.44 ng	452368	Phenanthrene-d10	17.204

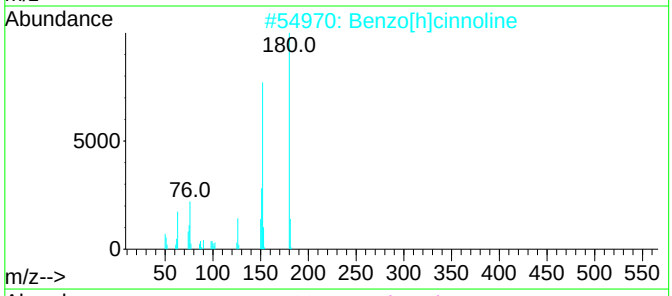
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50
5	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	50

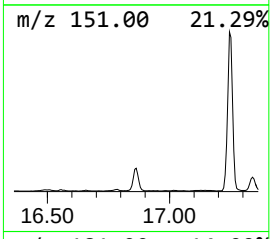


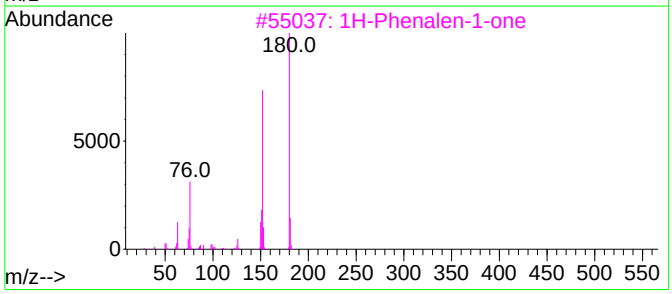


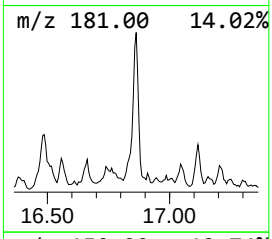


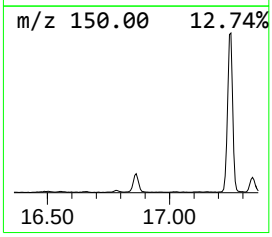












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

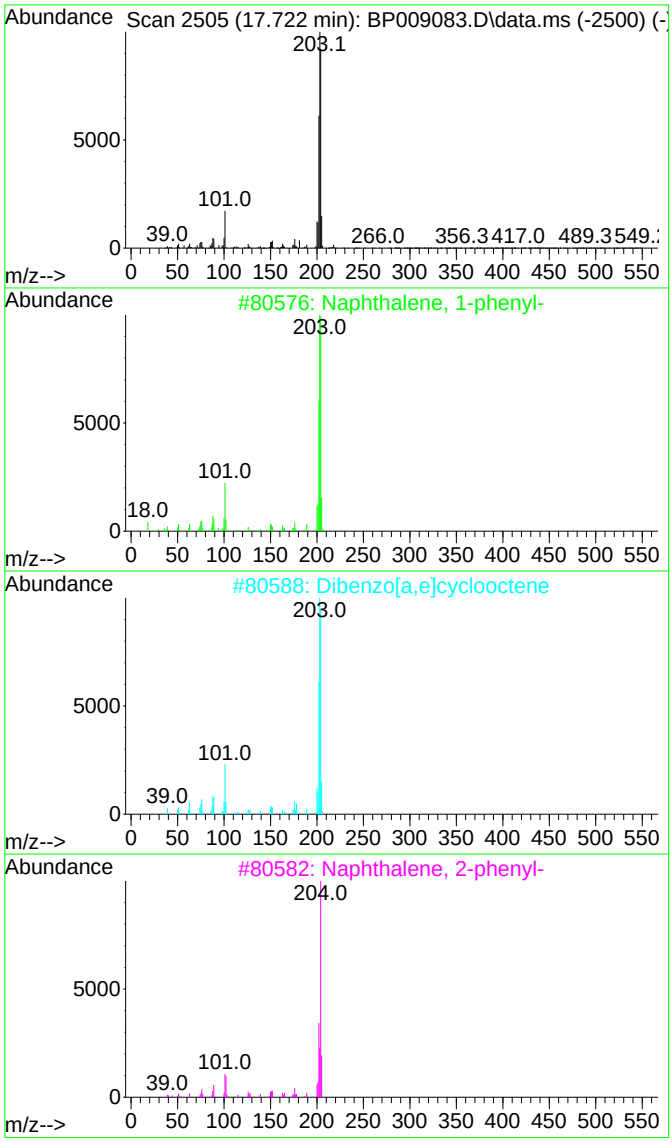
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

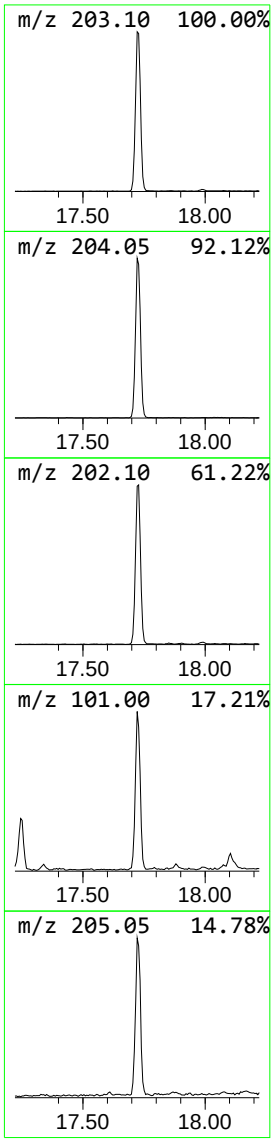
****

Peak Number 3 Naphthalene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.722	4.22 ng	783982	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

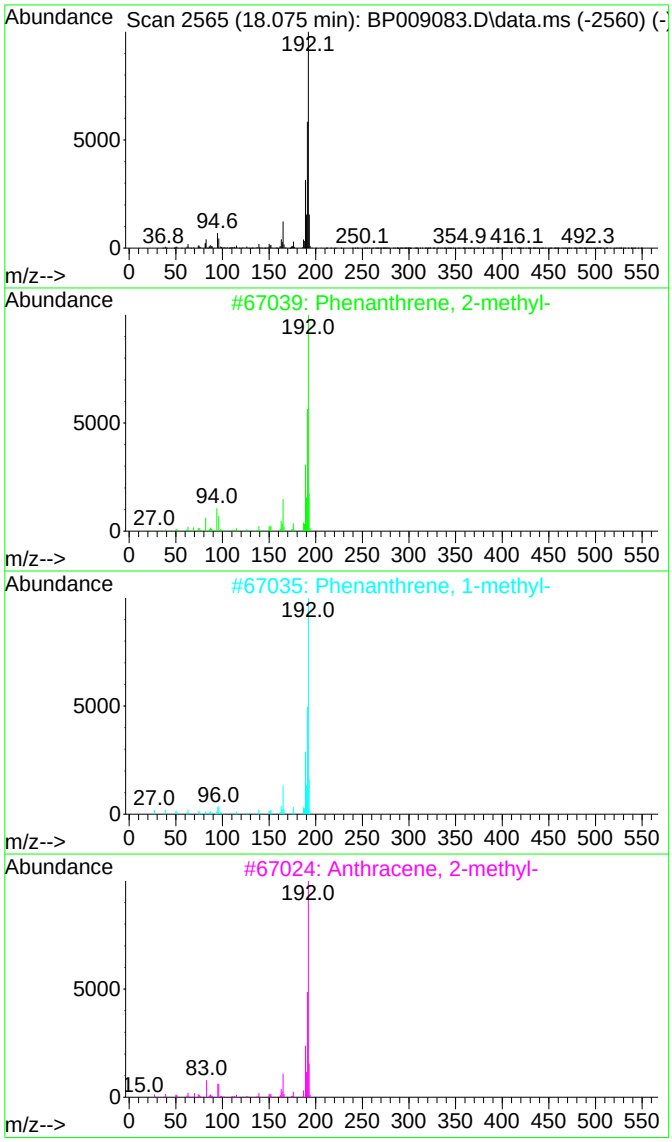
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

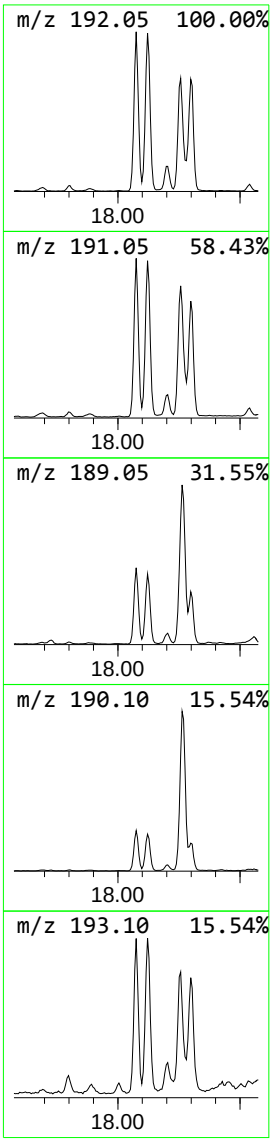
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	6.06 ng	1125570	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

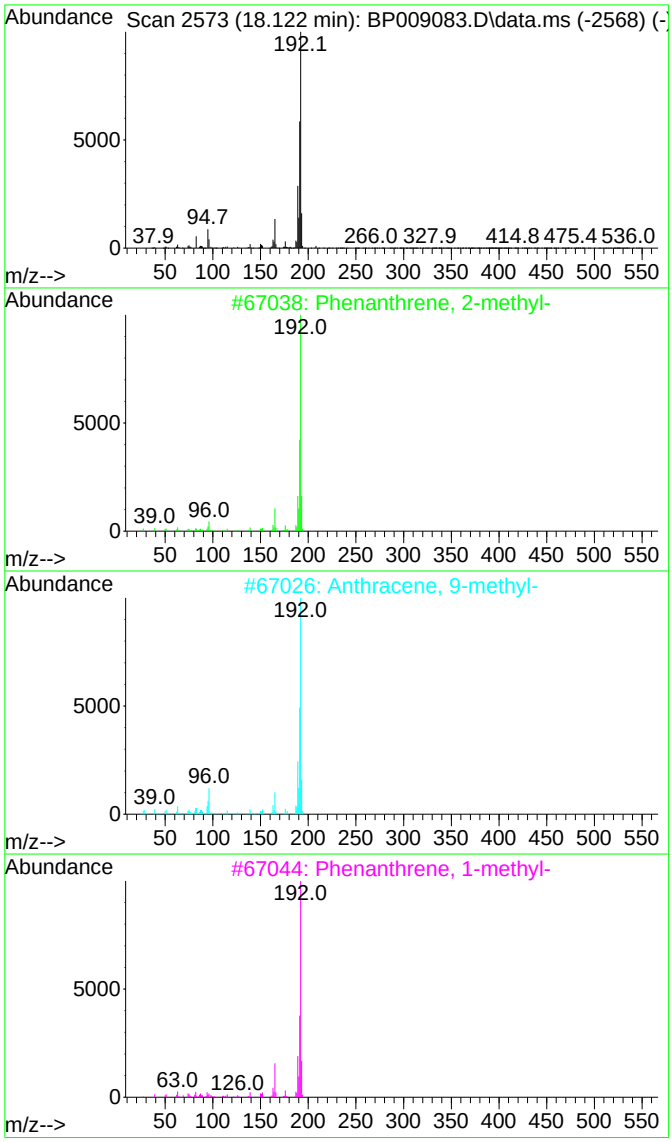
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

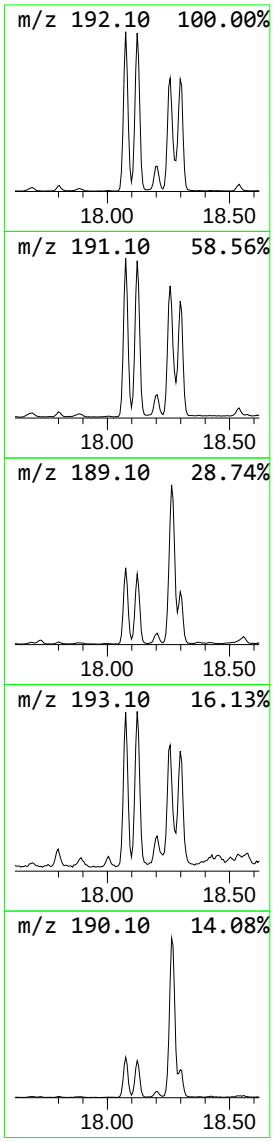
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	7.63 ng	1417470	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

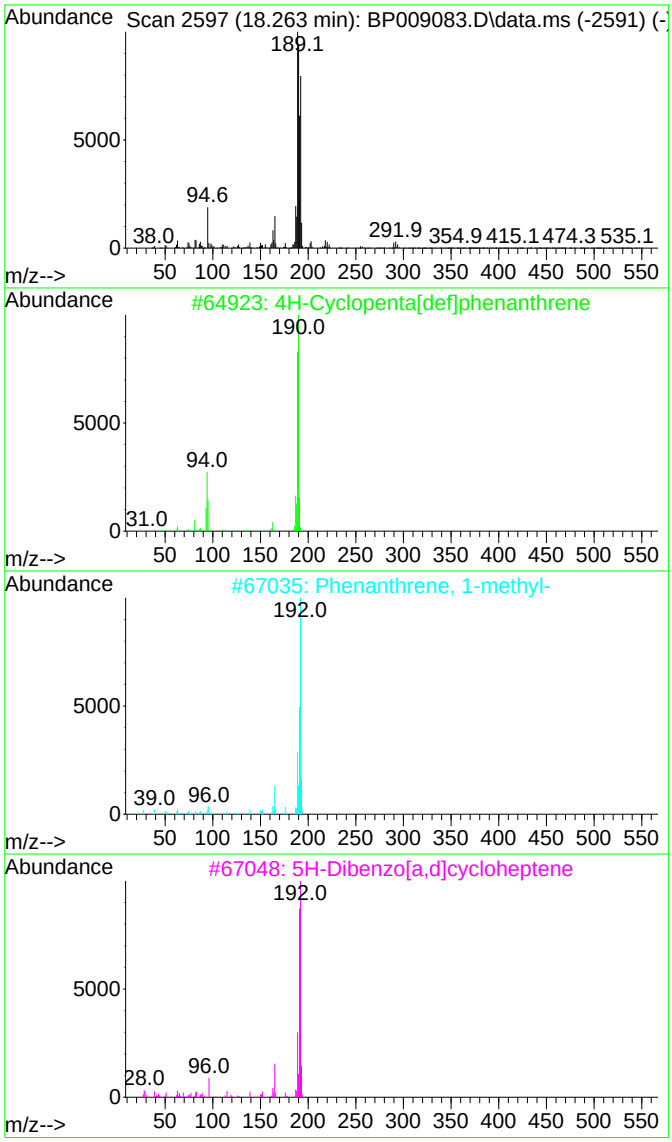
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

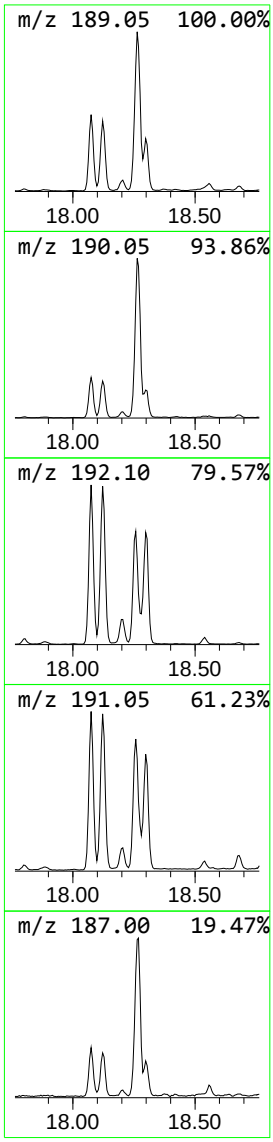
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	9.61 ng	1784400	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

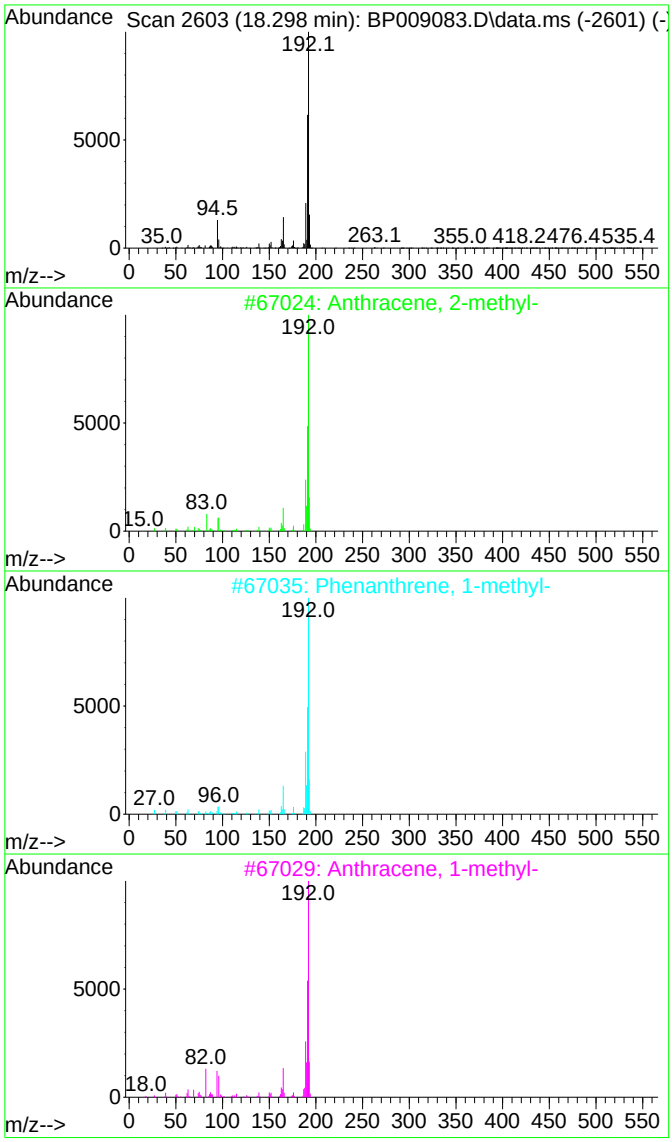
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

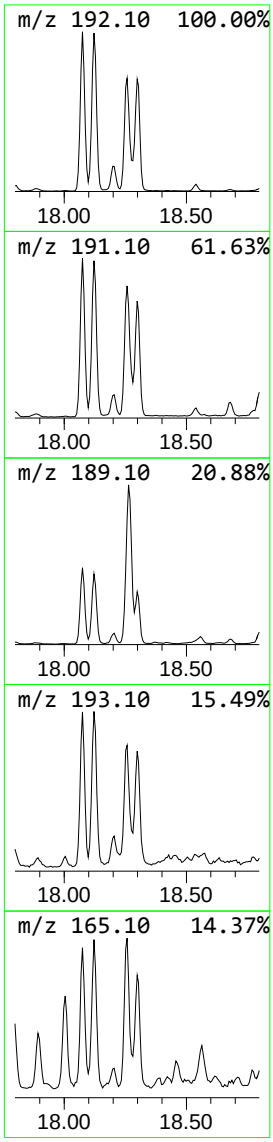
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.96 ng	735872	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

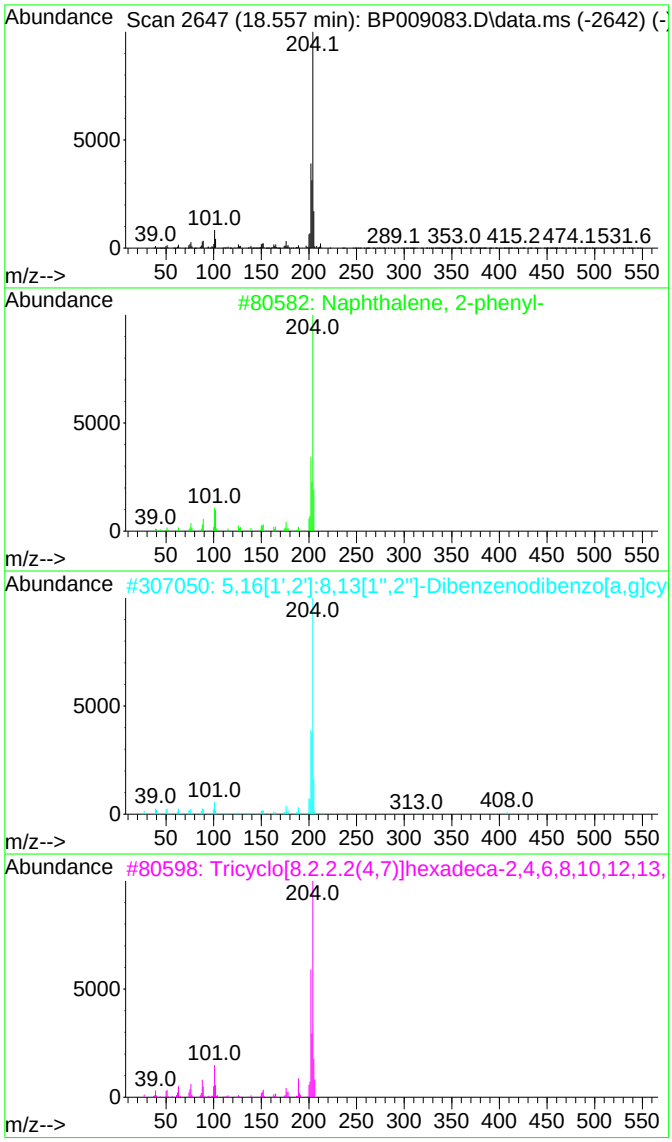
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

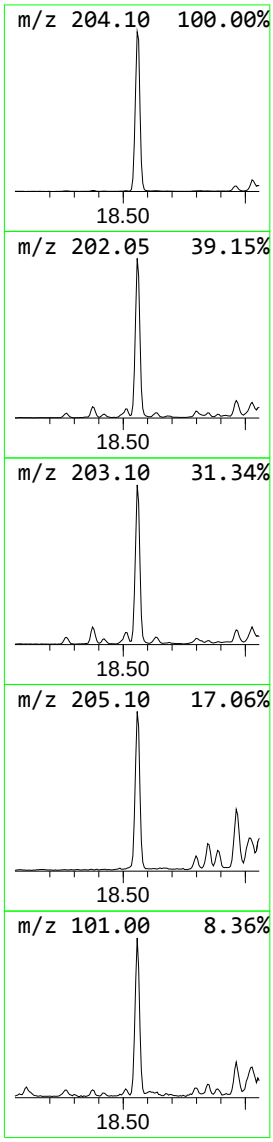
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	8.80 ng	1633930	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

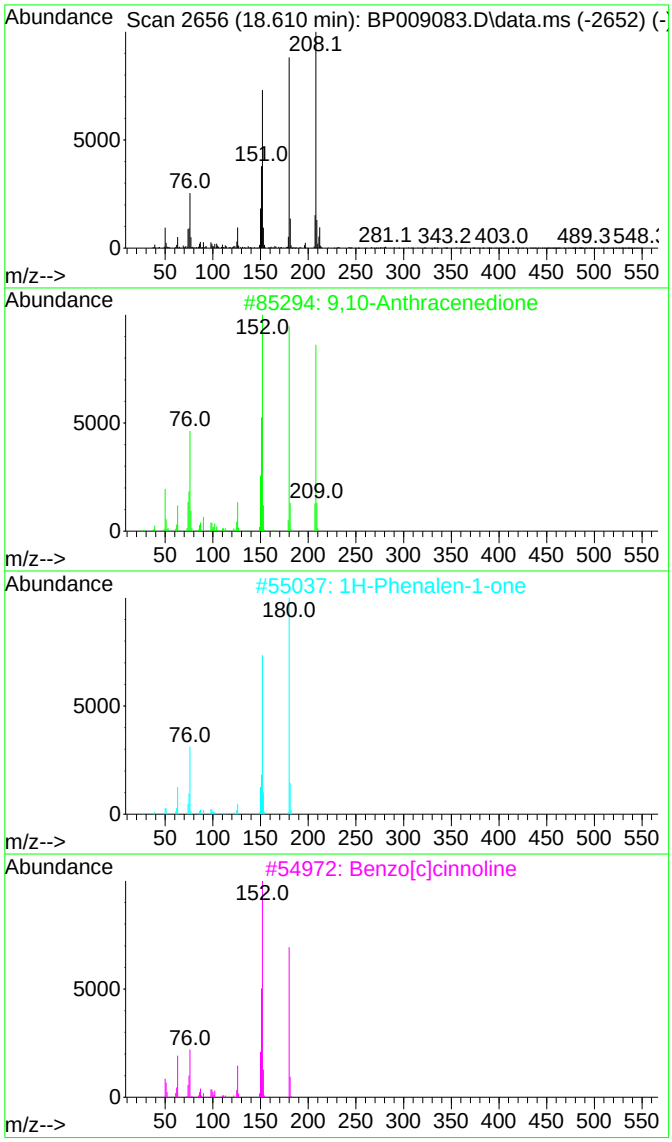
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

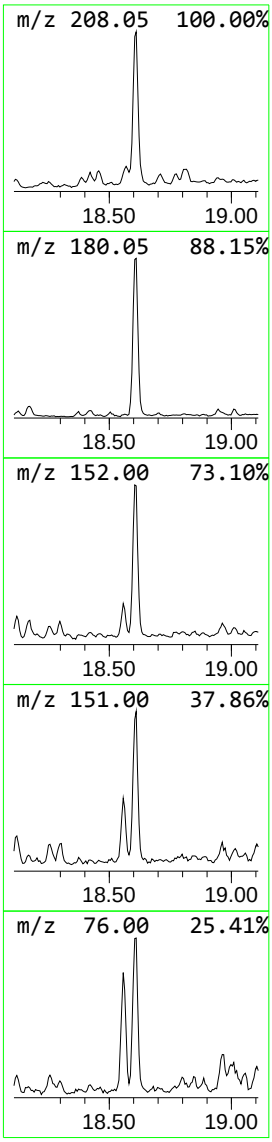
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	3.06 ng	567549	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	52
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

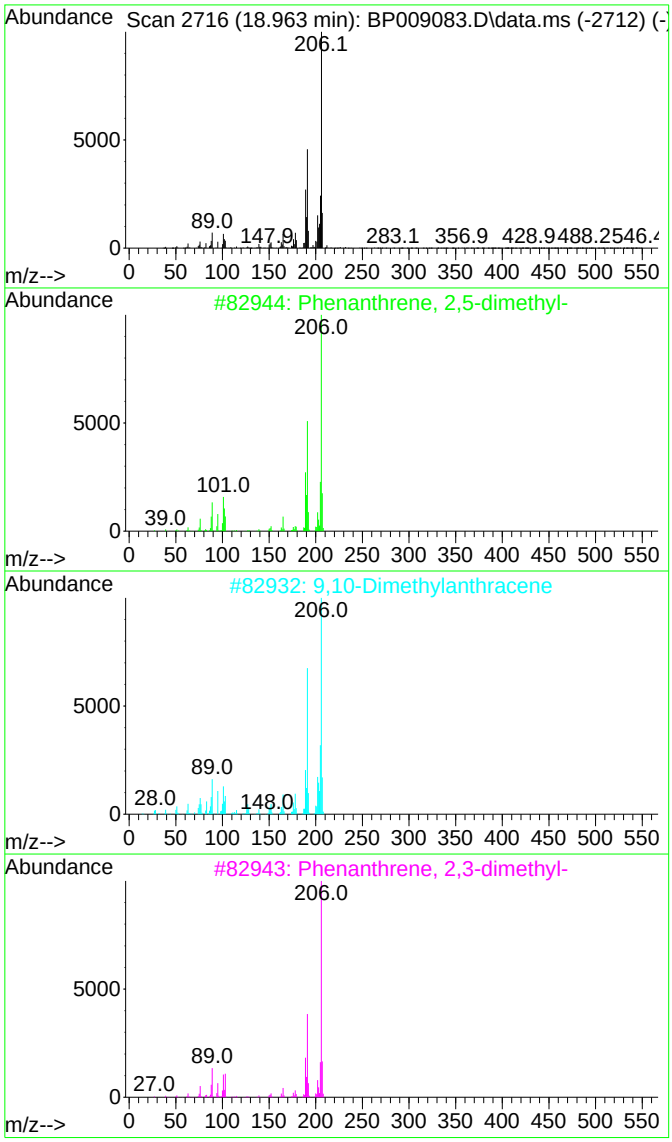
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

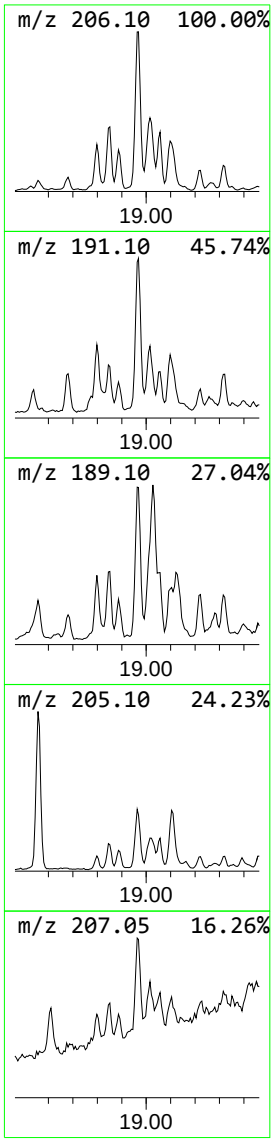
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	3.12 ng	579062	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

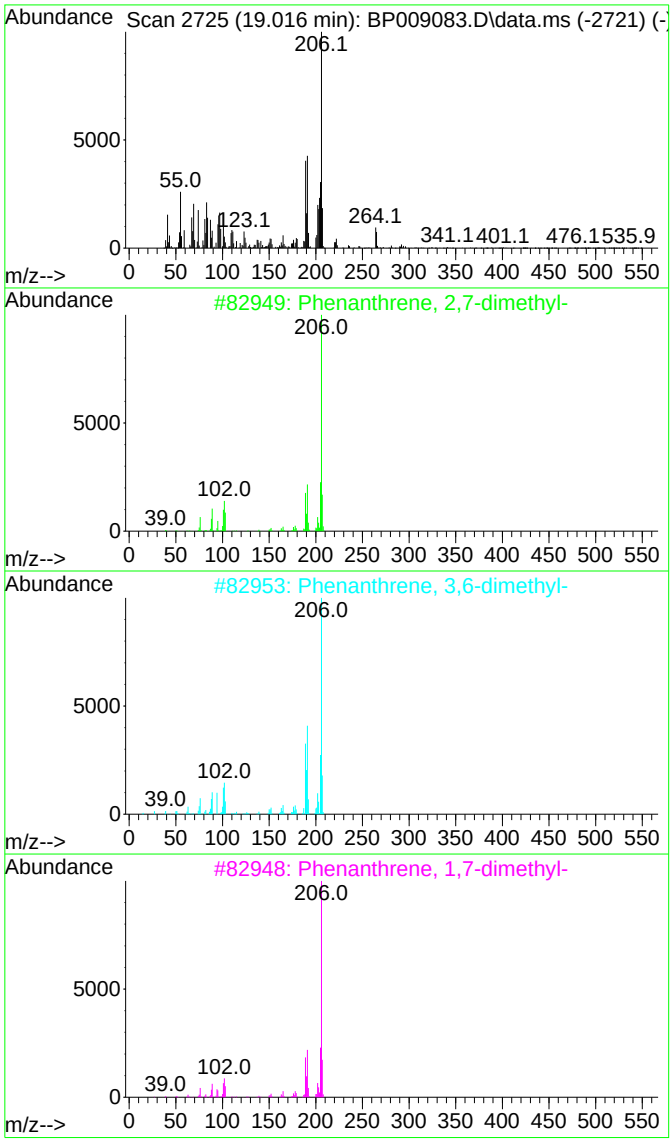
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

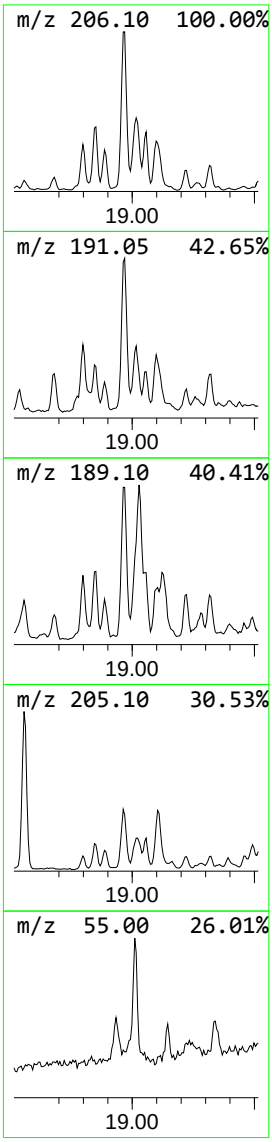
****

Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	2.54 ng	471925	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

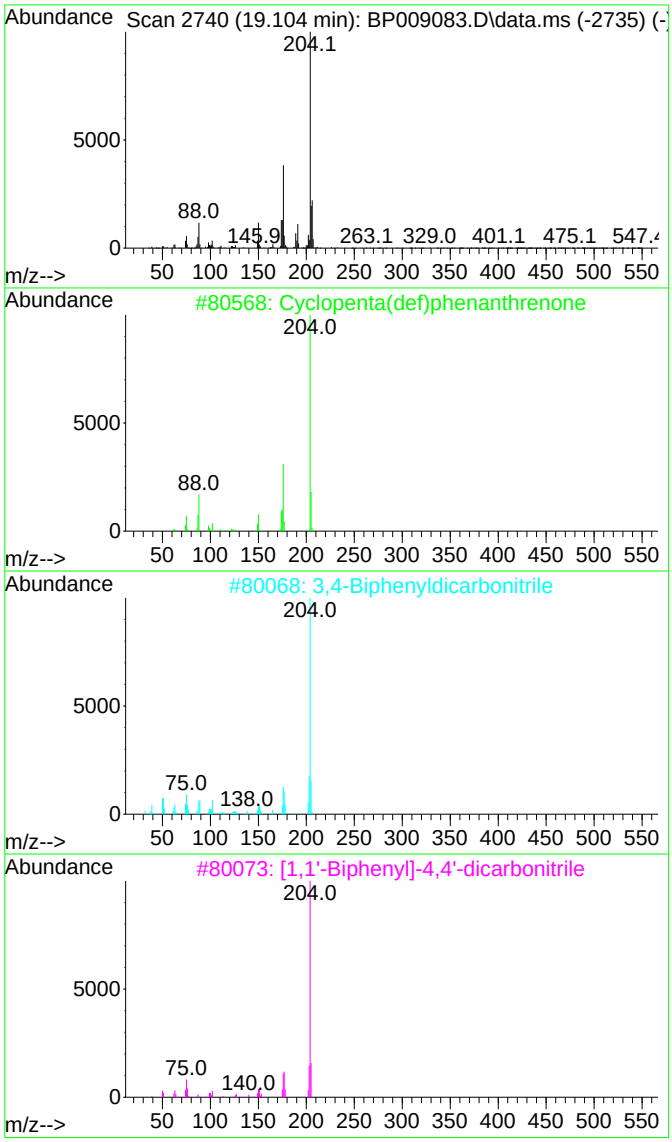
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

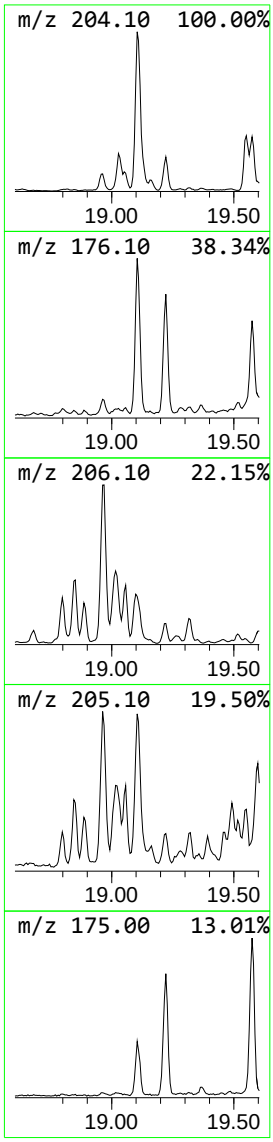
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	3.54 ng	656776	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

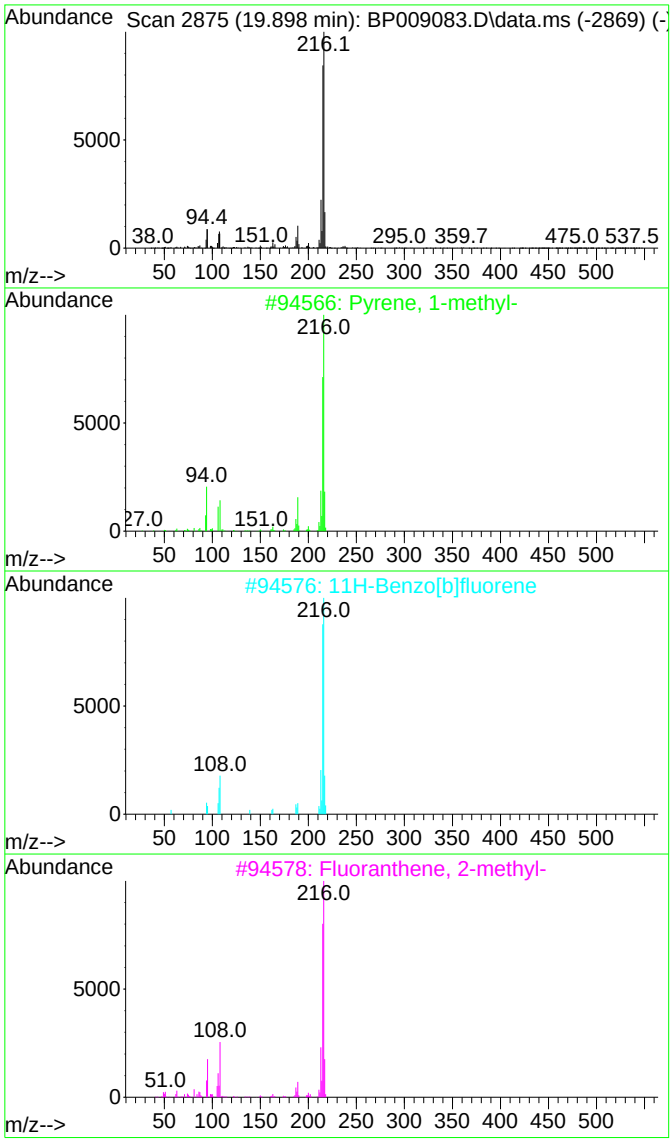
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

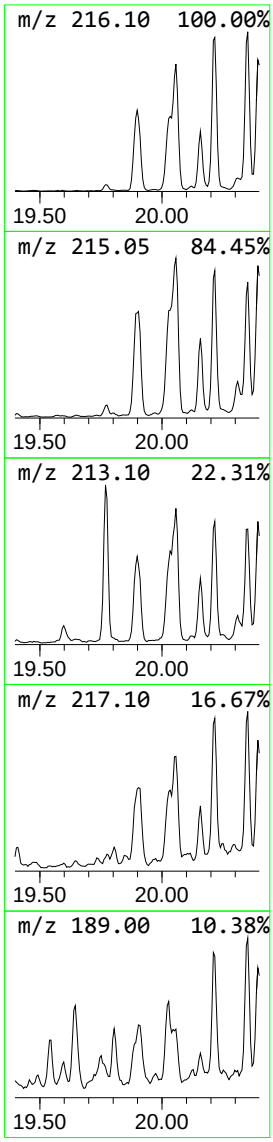
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	3.27 ng	1010780	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

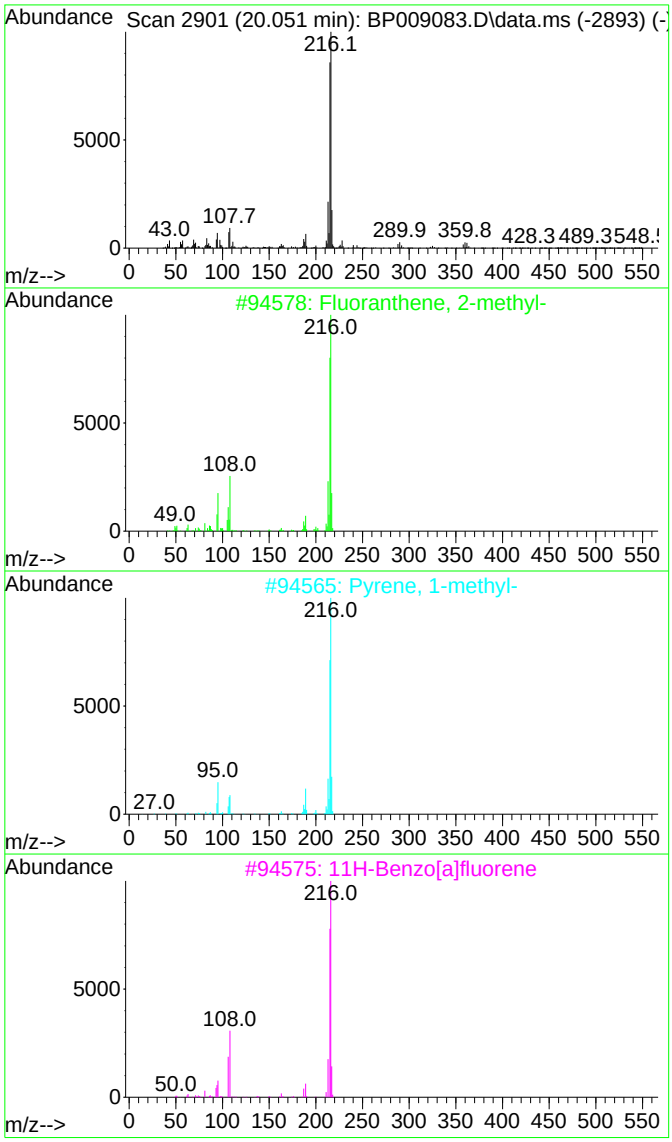
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

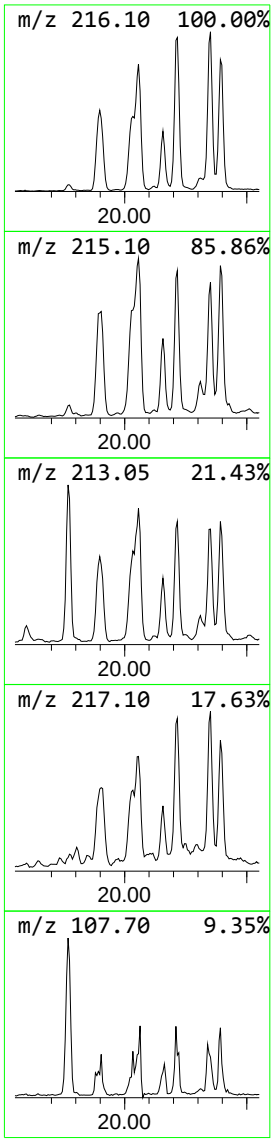
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.051	4.75 ng	1469310	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

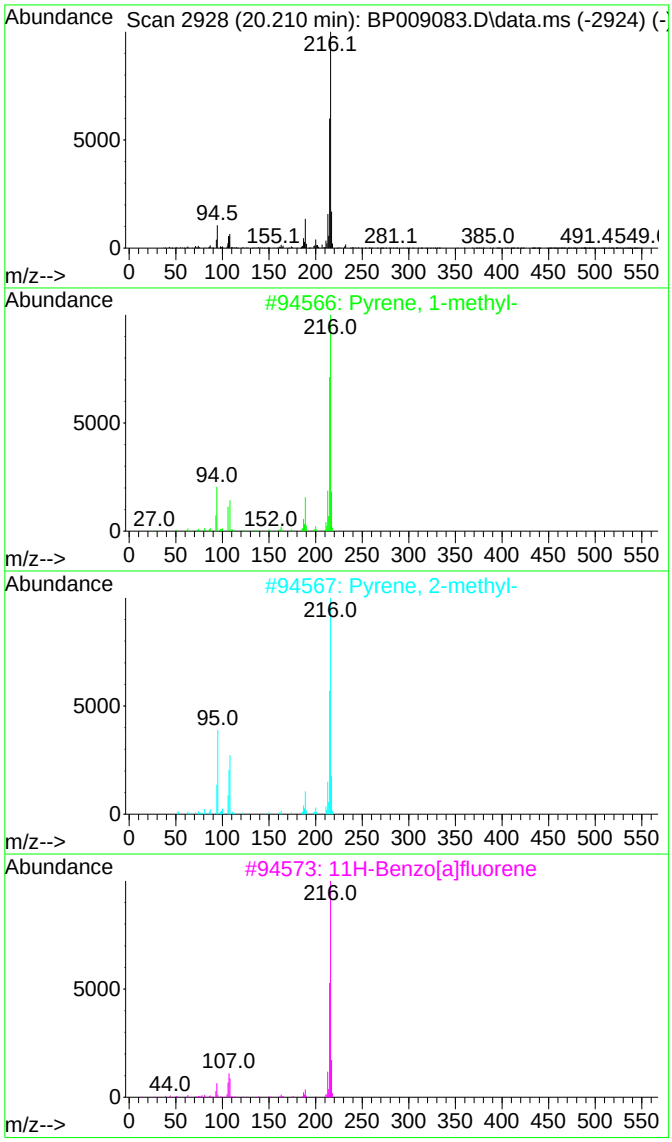
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

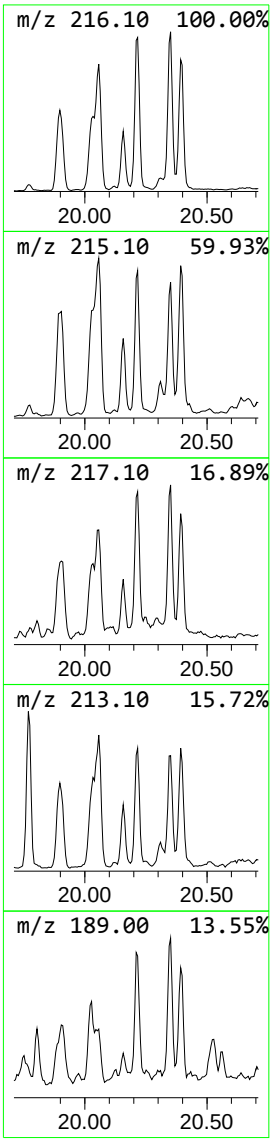
****

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	3.04 ng	940952	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

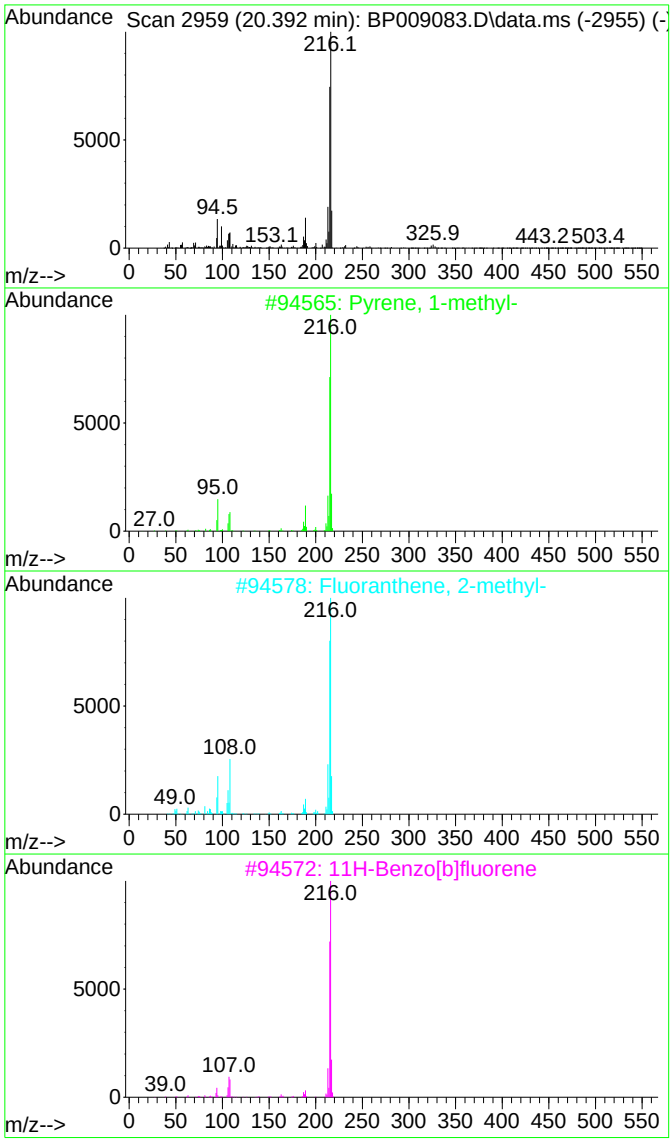
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

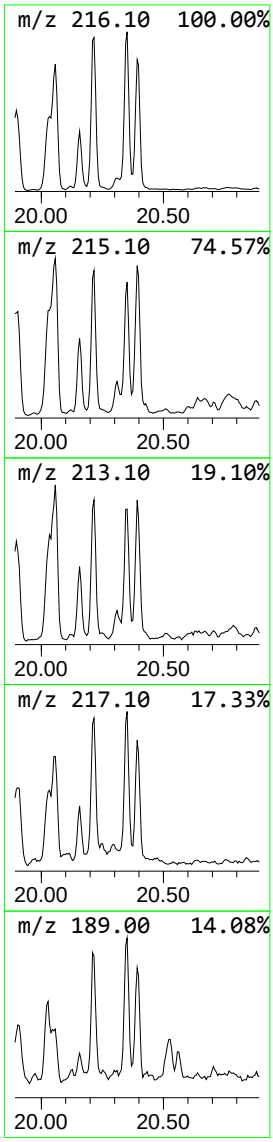
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	2.80 ng	867766	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

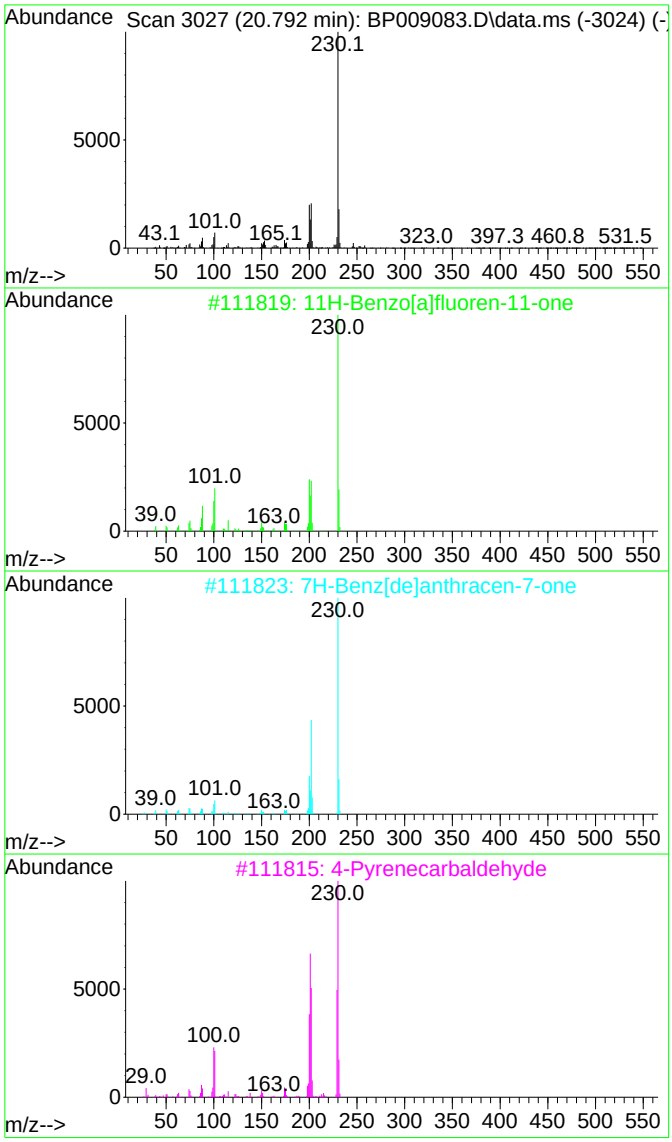
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

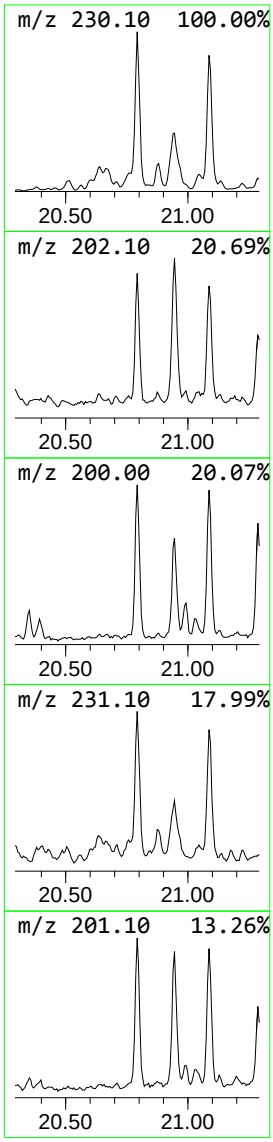
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	2.29 ng	708098	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

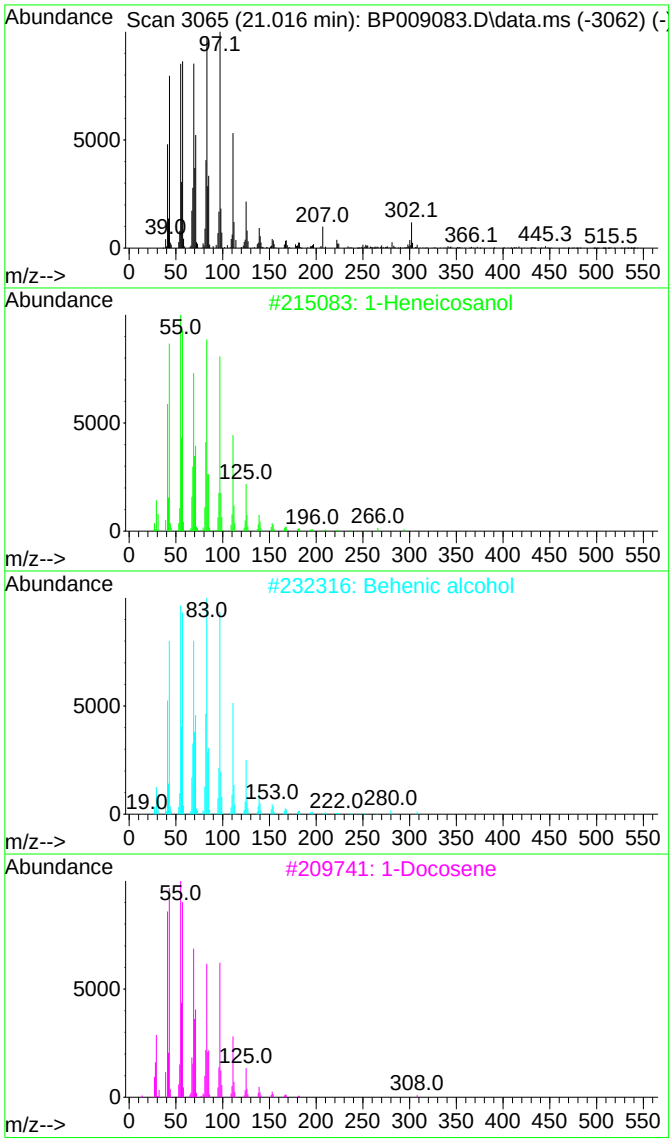
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

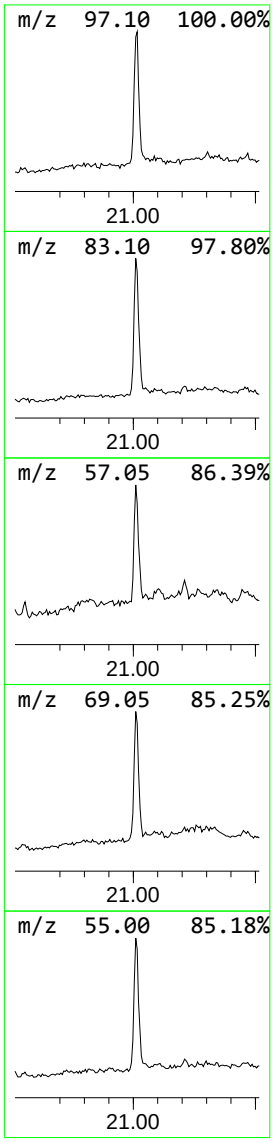
****

Peak Number 18 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	4.87 ng	1507930	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Tetracosene	336	C24H48	010192-32-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

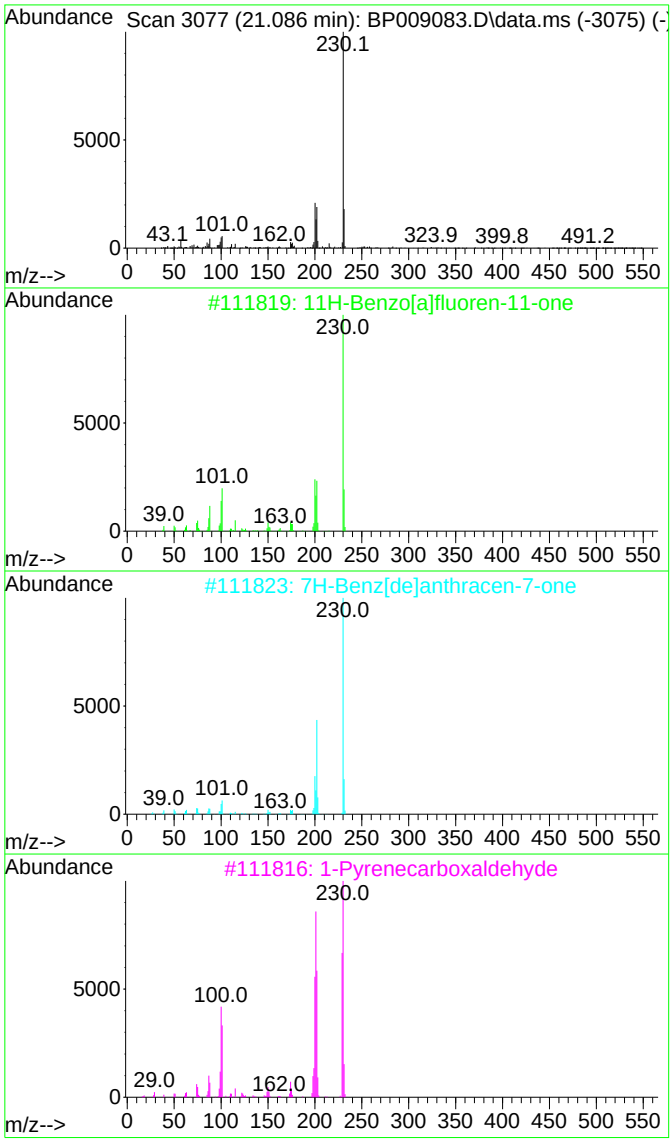
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

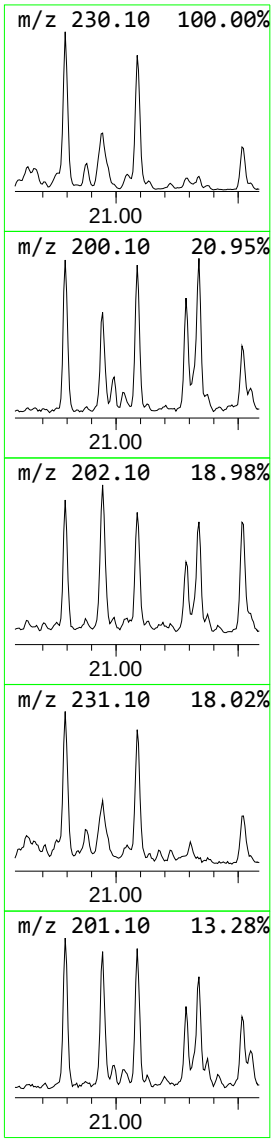
****

Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.30 ng	711751	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

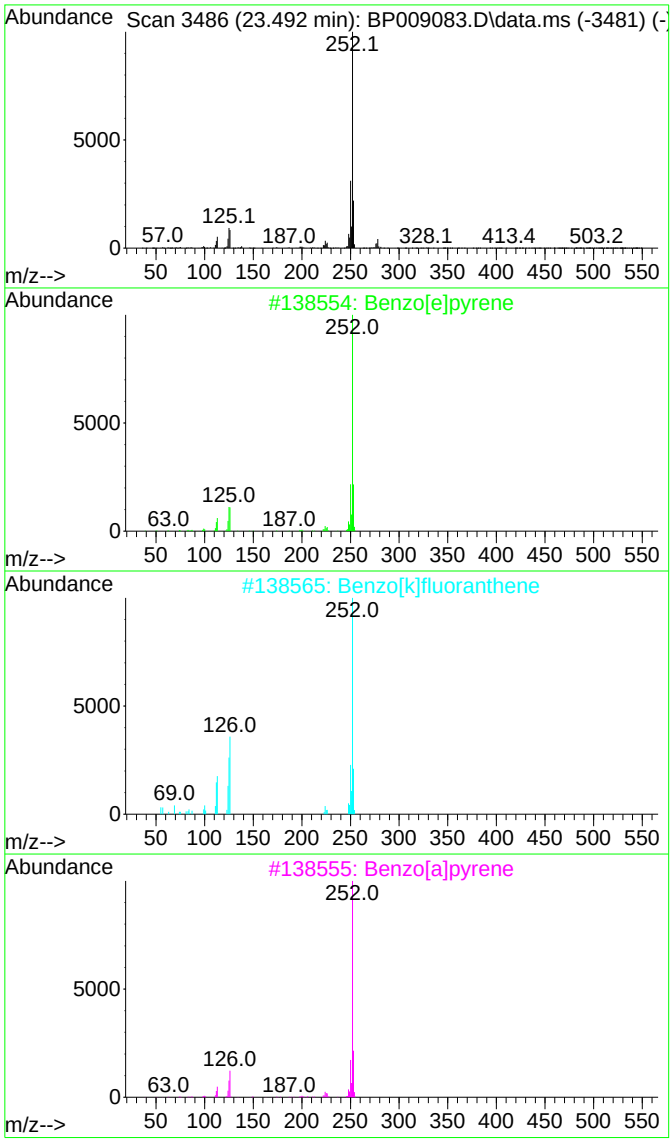
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

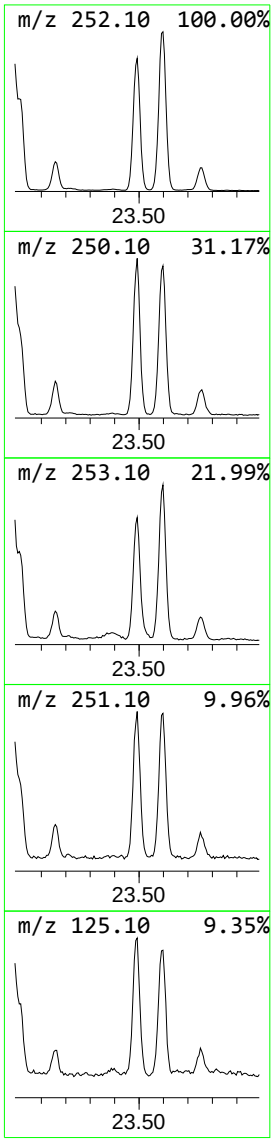
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.492	12.43 ng	1682740	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009083.D
Acq On : 09 Feb 2022 18:03
Operator : CG/JU
Sample : N1432-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Benzene, 1-prop...	8.340	2.4	ng	162704	1	7.799	1348220	20.0
9H-Fluoren-9-one	16.863	2.4	ng	452368	4	17.204	3713240	20.0
Naphthalene, 1-...	17.722	4.2	ng	783982	4	17.204	3713240	20.0
Phenanthrene, 2...	18.075	6.1	ng	1125570	4	17.204	3713240	20.0
Anthracene, 9-m...	18.122	7.6	ng	1417470	4	17.204	3713240	20.0
4H-Cyclopenta[d...	18.263	9.6	ng	1784400	4	17.204	3713240	20.0
Anthracene, 2-m...	18.298	4.0	ng	735872	4	17.204	3713240	20.0
Naphthalene, 2-...	18.557	8.8	ng	1633930	4	17.204	3713240	20.0
9,10-Anthracene...	18.610	3.1	ng	567549	4	17.204	3713240	20.0
Phenanthrene, 2...	18.963	3.1	ng	579062	4	17.204	3713240	20.0
Phenanthrene, 2...	19.016	2.5	ng	471925	4	17.204	3713240	20.0
Cyclopenta(def)...	19.104	3.5	ng	656776	4	17.204	3713240	20.0
Pyrene, 1-methyl-	19.898	3.3	ng	1010780	5	21.304	6188360	20.0
Fluoranthene, 2...	20.051	4.8	ng	1469310	5	21.304	6188360	20.0
Pyrene, 2-methyl-	20.210	3.0	ng	940952	5	21.304	6188360	20.0
11H-Benzo[b]flu...	20.392	2.8	ng	867766	5	21.304	6188360	20.0
11H-Benzo[a]flu...	20.792	2.3	ng	708098	5	21.304	6188360	20.0
1-Heneicosanol	21.016	4.9	ng	1507930	5	21.304	6188360	20.0
7H-Benz[de]anth...	21.086	2.3	ng	711751	5	21.304	6188360	20.0
Benzo[e]pyrene	23.492	12.4	ng	1682740	6	23.704	2706650	20.0