LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.291	333	341	349	rBV	55926	94605	8.83%	0.862%
2	5.772	416	423	437	rBV	366519	624675	58.30%	5.692%
3	7.382	689	697	714	rBV	368956	655062	61.13%	5.969%
4	8.234	835	842	854	rVB	207852	357808	33.39%	3.261%
5	9.409	1034	1042	1052	rBV	220857	400808	37.40%	3.652%
6	11.066	1316	1324	1331	rBV	275630	504343	47.07%	4.596%
7	12.705	1597	1603	1609	rBV	6953	11618	1.08%	0.106%
8	12.923	1634	1640	1645	rBV	9624	13506	1.26%	0.123%
9	13.481	1727	1735	1744	rBV	583502	886326	82.71%	8.077%
10	14.033	1822	1829	1836	rVB6	4680	11630	1.09%	0.106%
11	14.180	1847	1854	1859	rBV3	12485	21253	1.98%	0.194%
12	14.586	1916	1923	1930	rBV	33126	63929	5.97%	0.583%
13	14.856	1963	1969	1976	rVB	415127	656140	61.23%	5.979%
14	15.250	2031	2036	2043	rVB4	8883	14416	1.35%	0.131%
15	15.326	2043	2049	2055	rVB3	9246	16064	1.50%	0.146%
16	15.461	2063	2072	2077	rBV5	10715	23619	2.20%	0.215%
17	15.725	2112	2117	2122	rBV	10414	18793	1.75%	0.171%
18	15.896	2142	2146	2150	rBV3	8368	13847	1.29%	0.126%
19	16.201	2188	2198	2205	rBV	65622	103478	9.66%	0.943%
20	16.342	2215	2222	2230	rBV	431193	675328	63.02%	6.154%
21	16.560	2250	2259	2269	rBV7	9770	27087	2.53%	0.247%
22	16.895	2310	2316	2321	rBV6	10713	25690	2.40%	0.234%
23	16.948	2322	2325	2330	rVB4	7981	12862	1.20%	0.117%
24	17.047	2338	2342	2347	rBV2	7186	13173	1.23%	0.120%
25	17.124	2350	2355	2359	rVV8	5477	11302	1.05%	0.103%
26	17.177	2359	2364	2370	rVV9	6981	14587	1.36%	0.133%
27	17.247	2373	2376	2382	rVB6	10741	19901	1.86%	0.181%
28	17.418	2401	2405	2410	rVB	14136	22579	2.11%	0.206%
29	17.600	2430	2436	2440	rBV	475281	738969	68.96%	6.734%
30	17.641	2440	2443	2450	rVB	116001	166830	15.57%	1.520%
31	17.735	2455	2459	2462	rBV	14282	20242	1.89%	0.184%
32	18.181	2531	2535	2541	rVB	24852	38445	3.59%	0.350%
33	18.463	2578	2583	2588	rBV2	107261	224233	20.93%	2.043%
34	18.516	2588	2592	2598	rVB	85405	139245	12.99%	1.269%
35	18.663	2611	2617	2620	rBV2	73775	142078	13.26%	1.295%
36	18.698	2620	2623	2628	rVB	58706	89837	8.38%	0.819%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.869	2649	2652	2656	rVB3	20988	25213	2.35%	0.230%
38	18.957	2664	2667	2671	rBV2	32242	46445	4.33%	0.423%
39	19.257	2714	2718	2721	rBV	42565	56910	5.31%	0.519%
40	19.374	2733	2738	2743	rBV	105619	179922	16.79%	1.640%
41	19.427	2743	2747	2751	rBV4	37318	72953	6.81%	0.665%
42	19.638	2778	2783	2788	rVB	146096	215128	20.08%	1.960%
43	19.785	2806	2808	2813	rVB	26169	31109	2.90%	0.283%
44	20.003	2840	2845	2852	rVB	274617	396284	36.98%	3.611%
45	20.067	2853	2856	2862	rVB	51178	69499	6.49%	0.633%
46	20.185	2871	2876	2881	rVB	848159	1071563	100.00%	9.765%
47	20.649	2952	2955	2958	rVB	76907	85672	8.00%	0.781%
48	20.784	2975	2978	2982	rBV	89057	112573	10.51%	1.026%
49	20.831	2984	2986	2993	rVB2	64079	98744	9.21%	0.900%
50	21.895	3160	3167	3172	rBV2	476185	899243	83.92%	8.194%
51	25.302	3741	3747	3757	rVB2	255769	738229	68.89%	6.727%

Sum of corrected areas: 10973795

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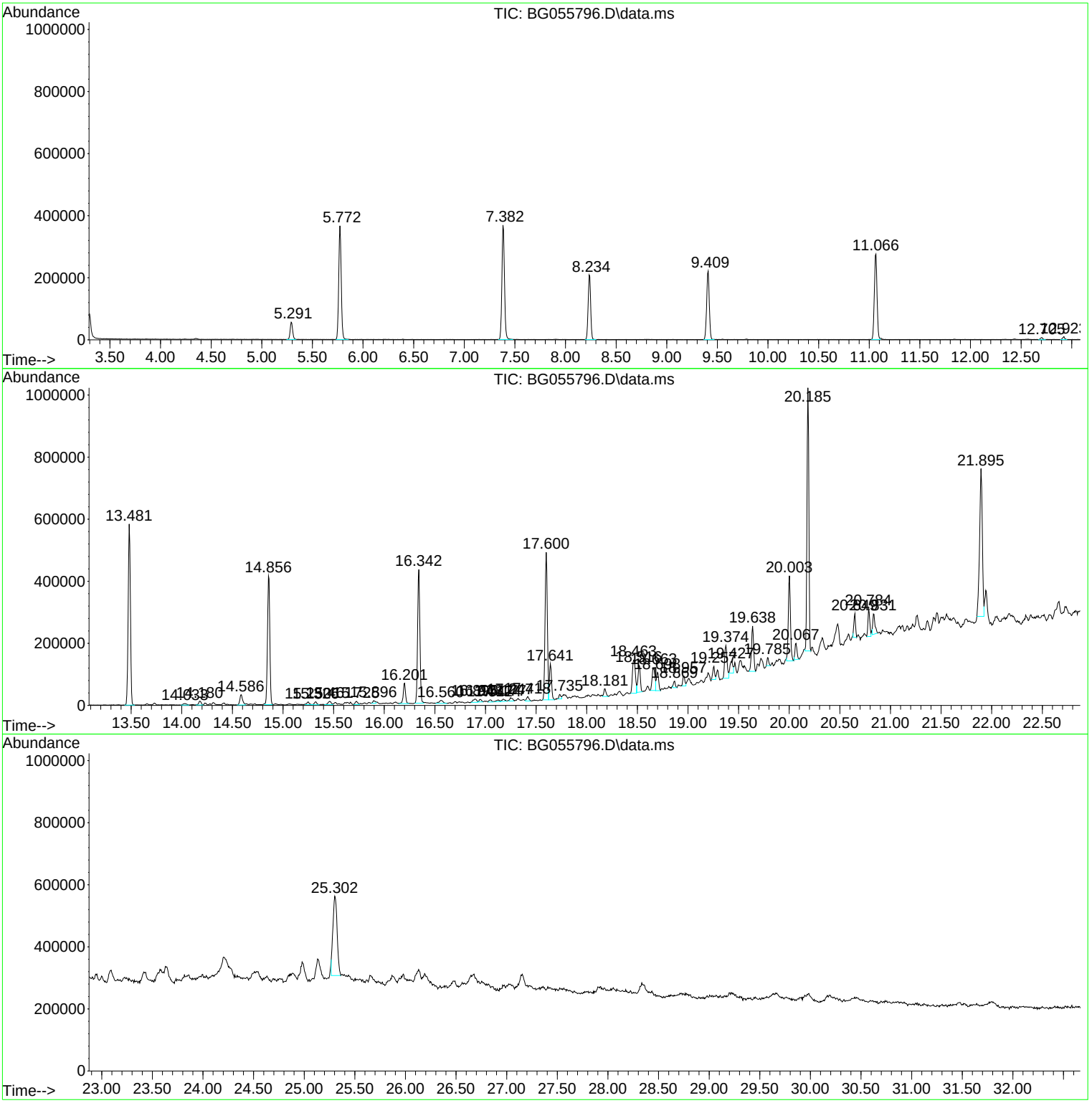
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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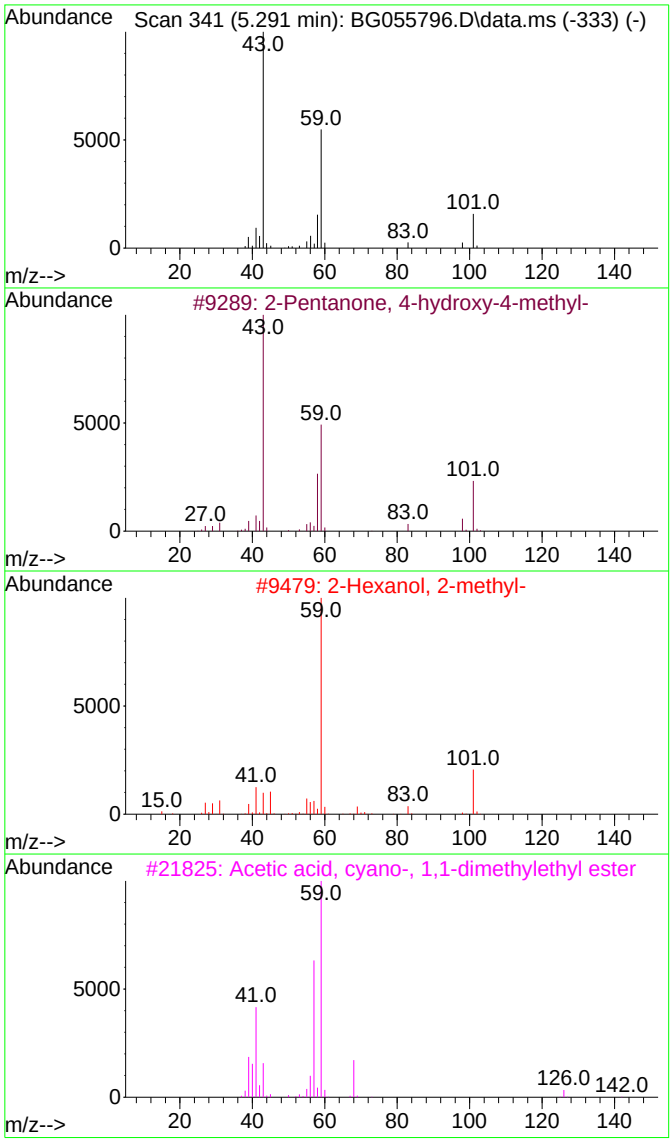
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

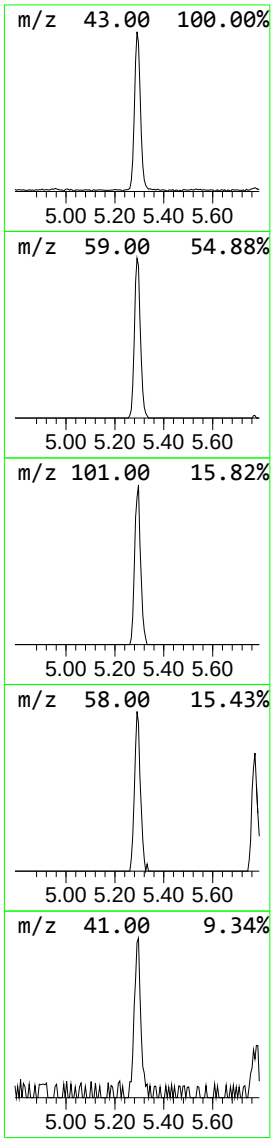
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.291	5.29 ng	94605	1,4-Dichlorobenzene-d4	8.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

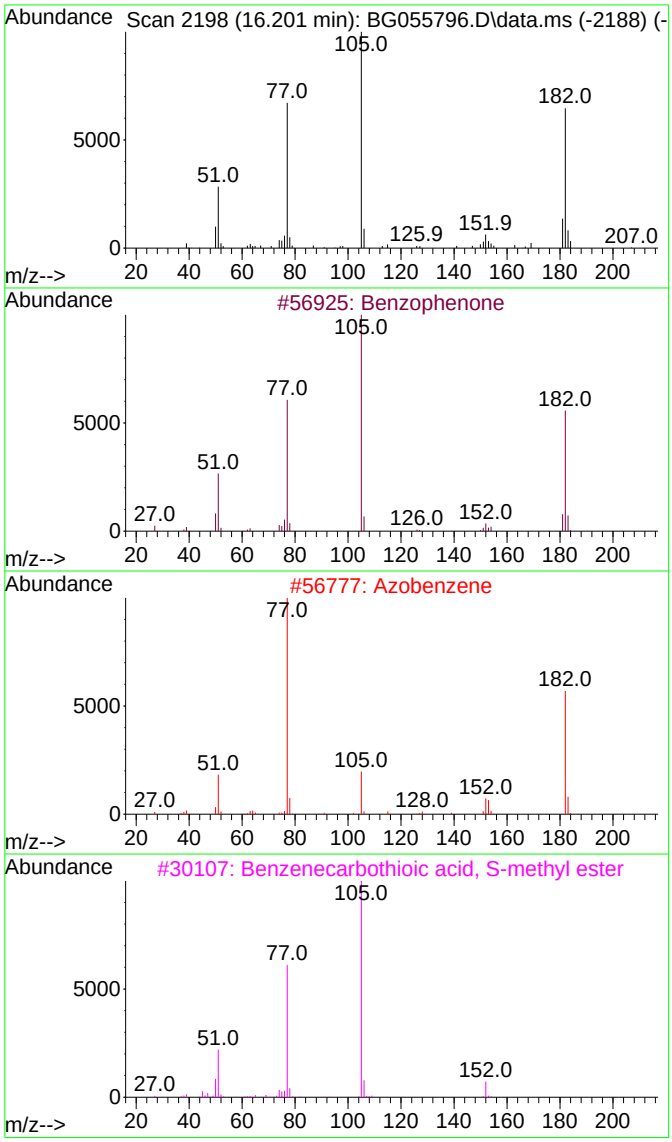
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

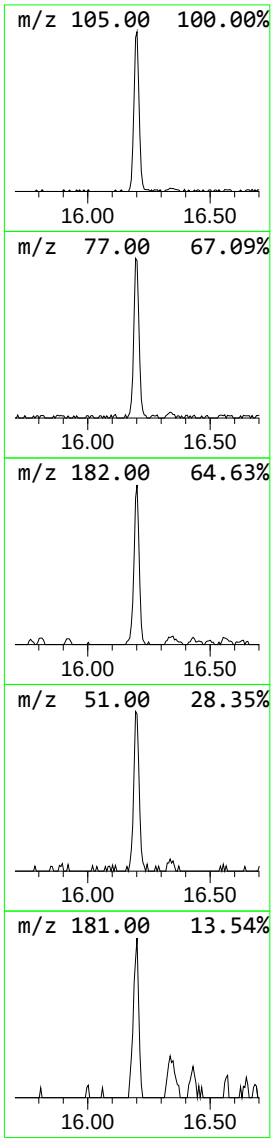
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.201	3.15 ng	103478	Acenaphthene-d10	14.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

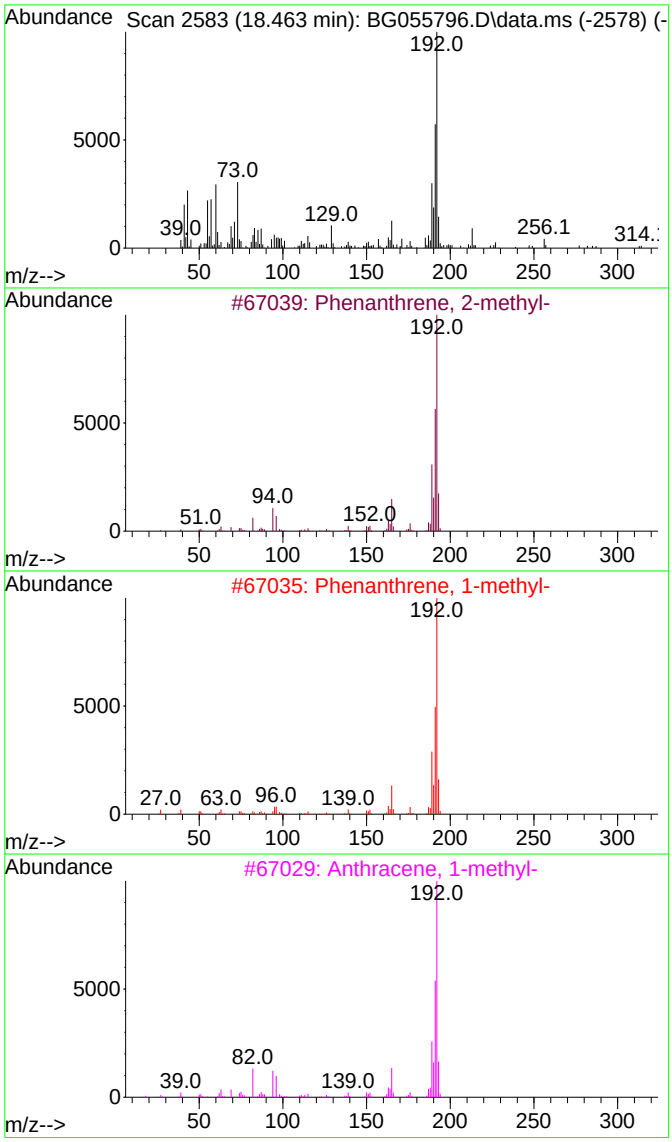
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

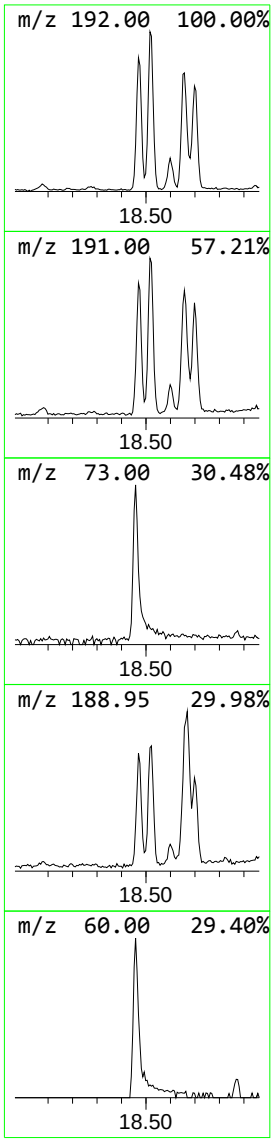
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	6.07 ng	224233	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
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Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

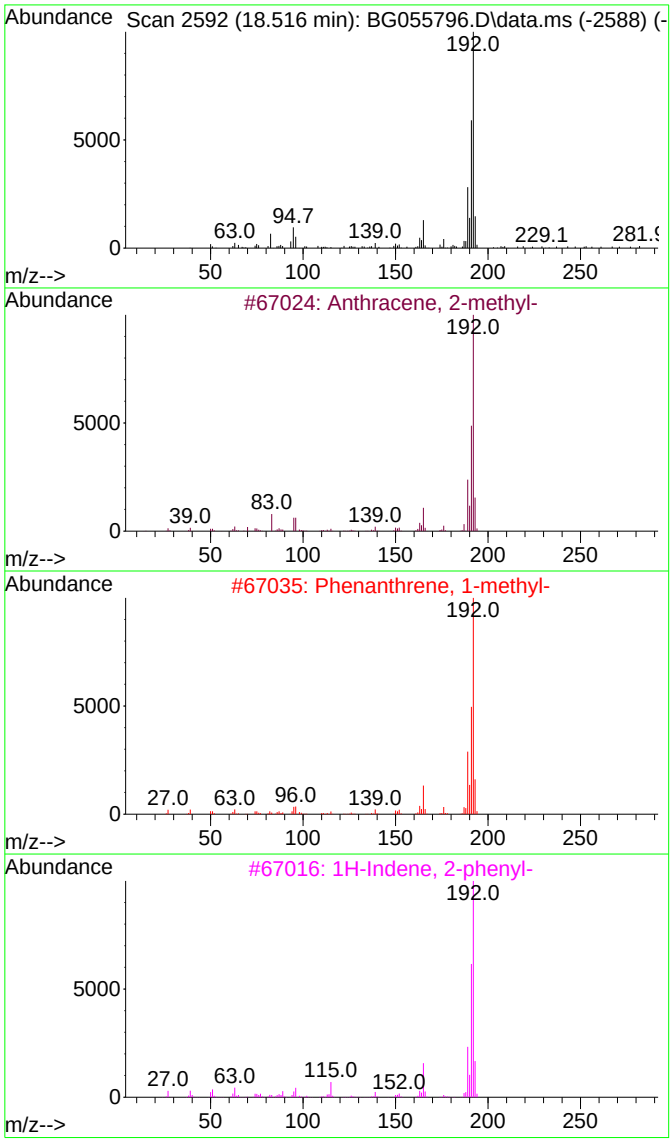
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

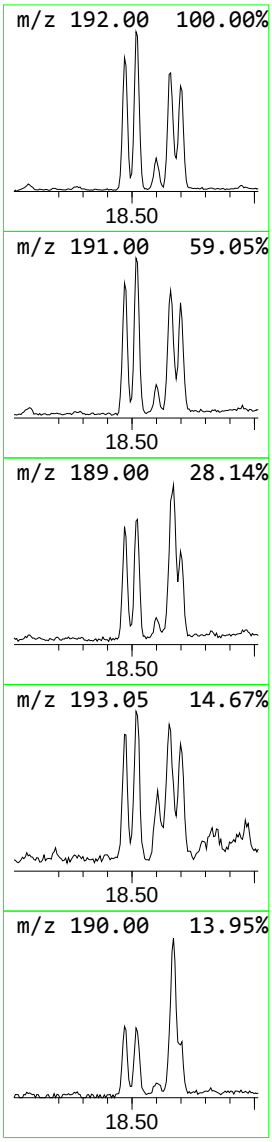
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	3.77 ng	139245	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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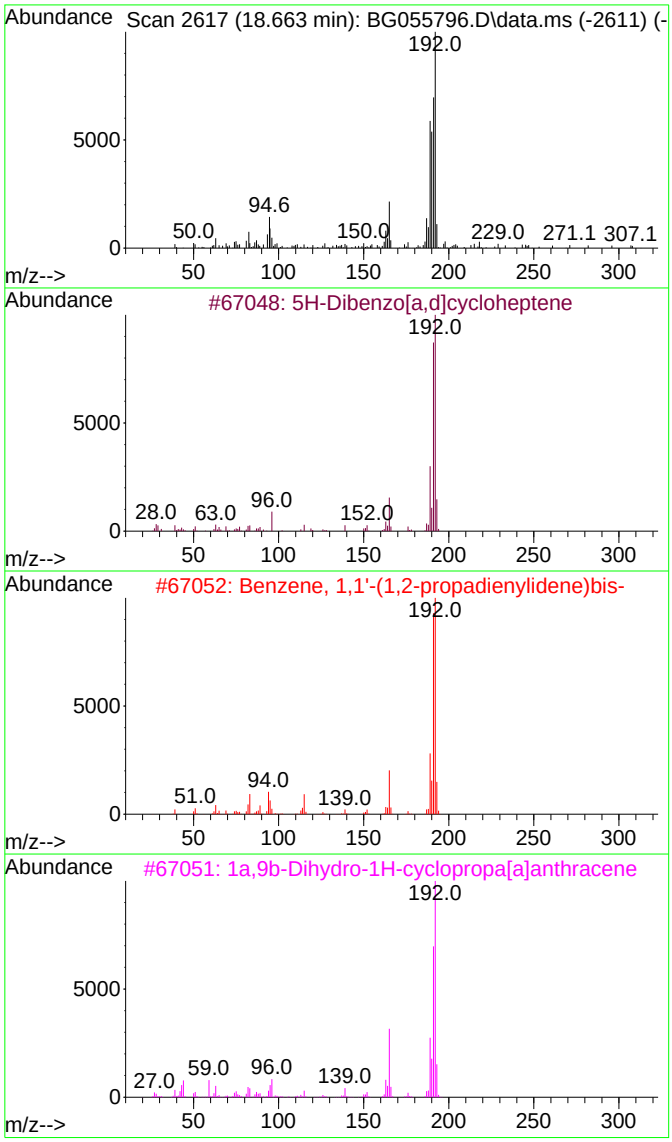
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

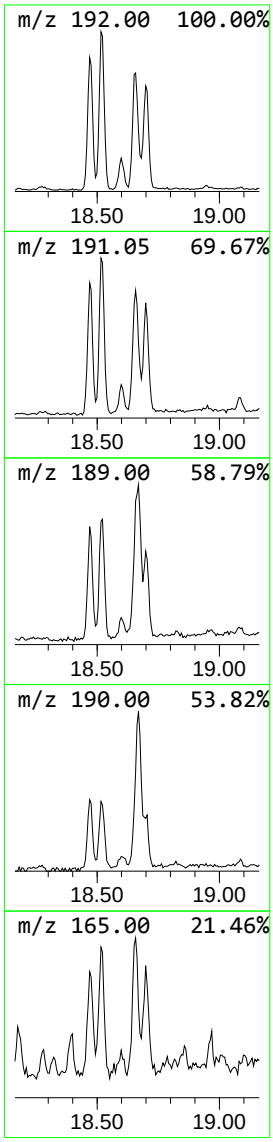
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	3.85 ng	142078	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	53
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	50
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	49
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49





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Data File : BG055796.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

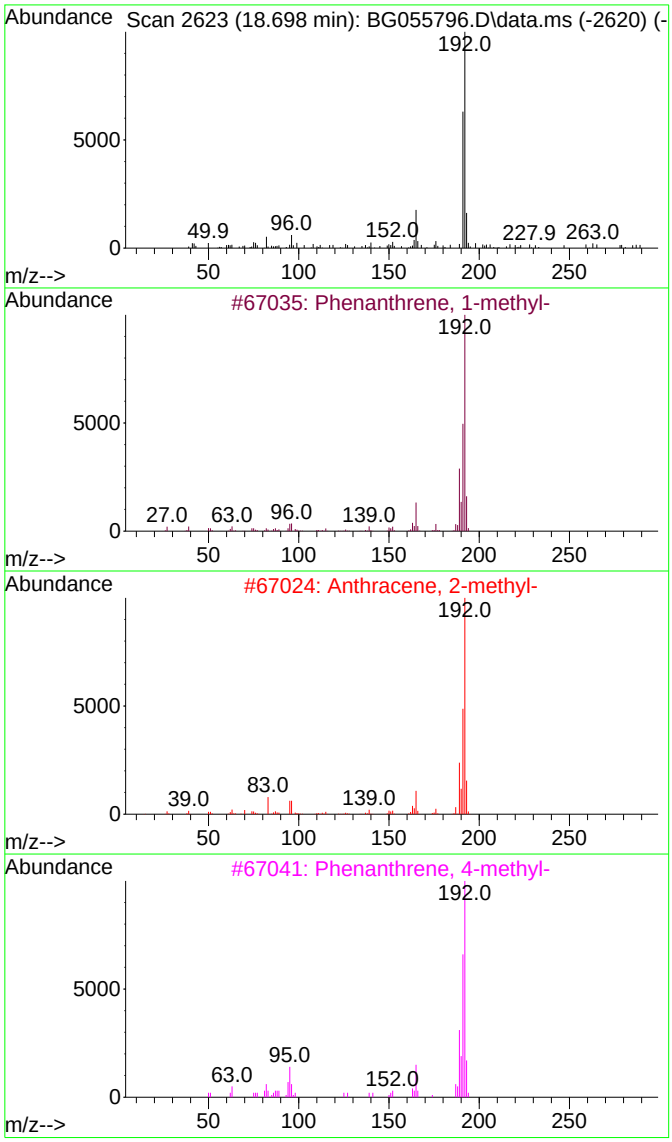
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

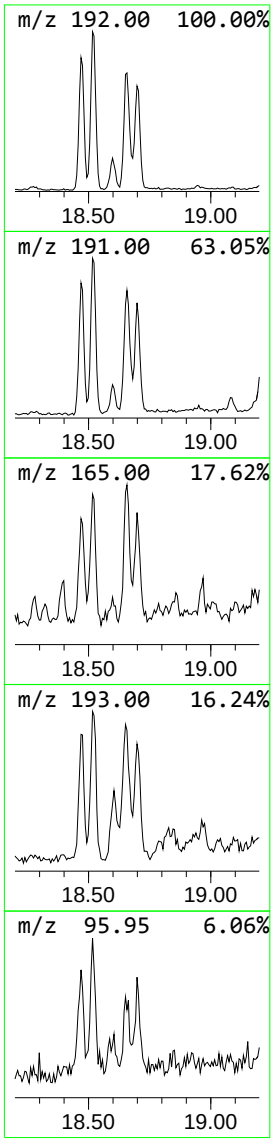
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	2.43 ng	89837	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

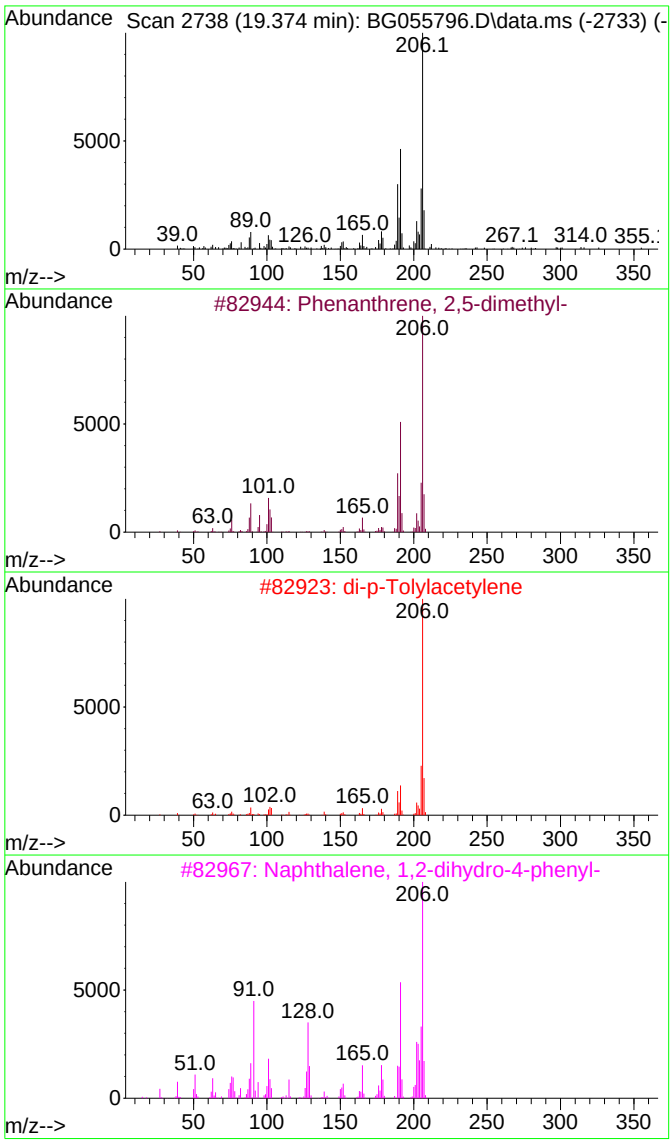
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

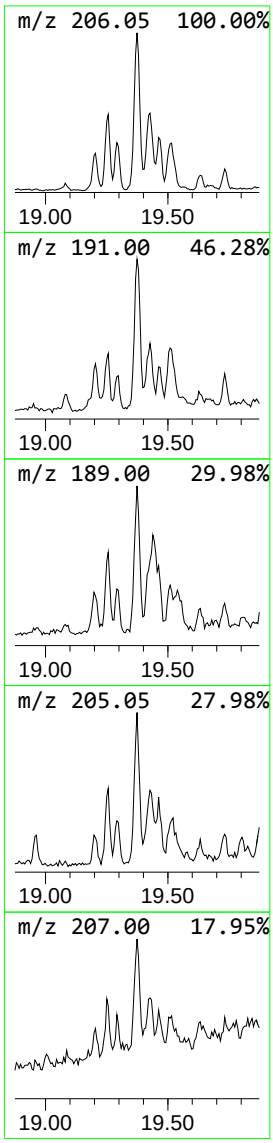
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	4.87 ng	179922	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

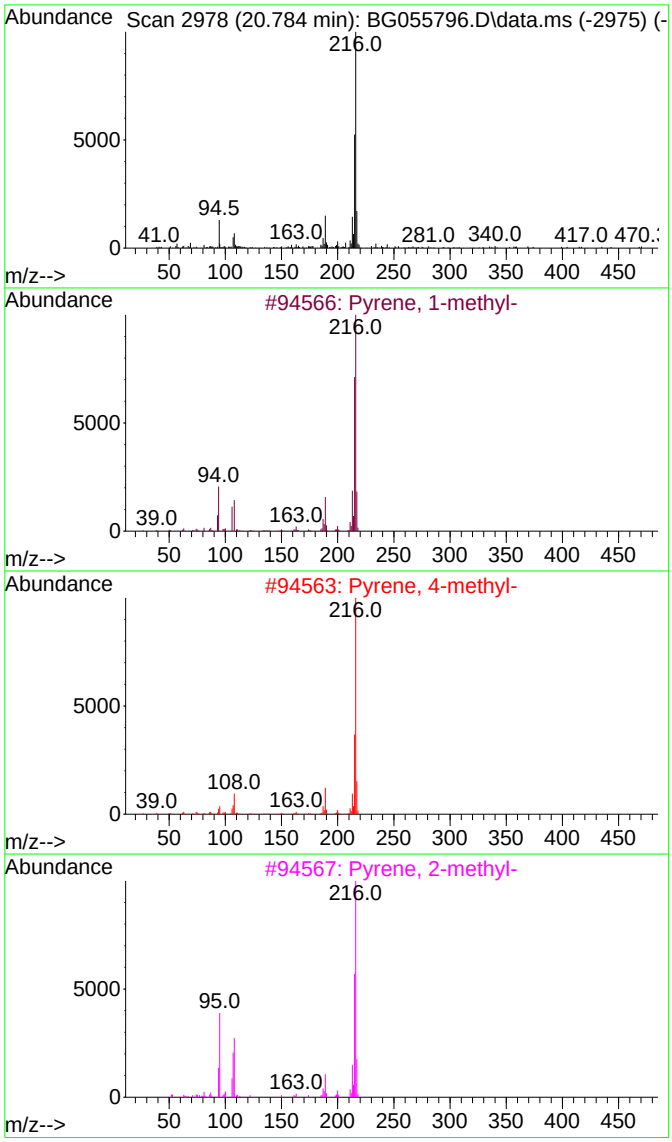
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

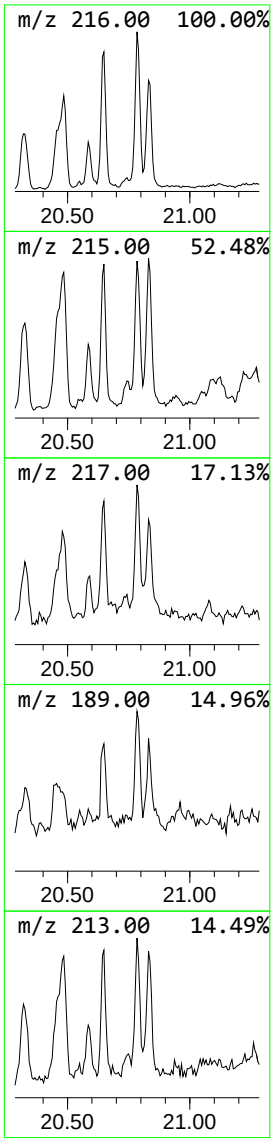
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.784	2.50 ng	112573	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

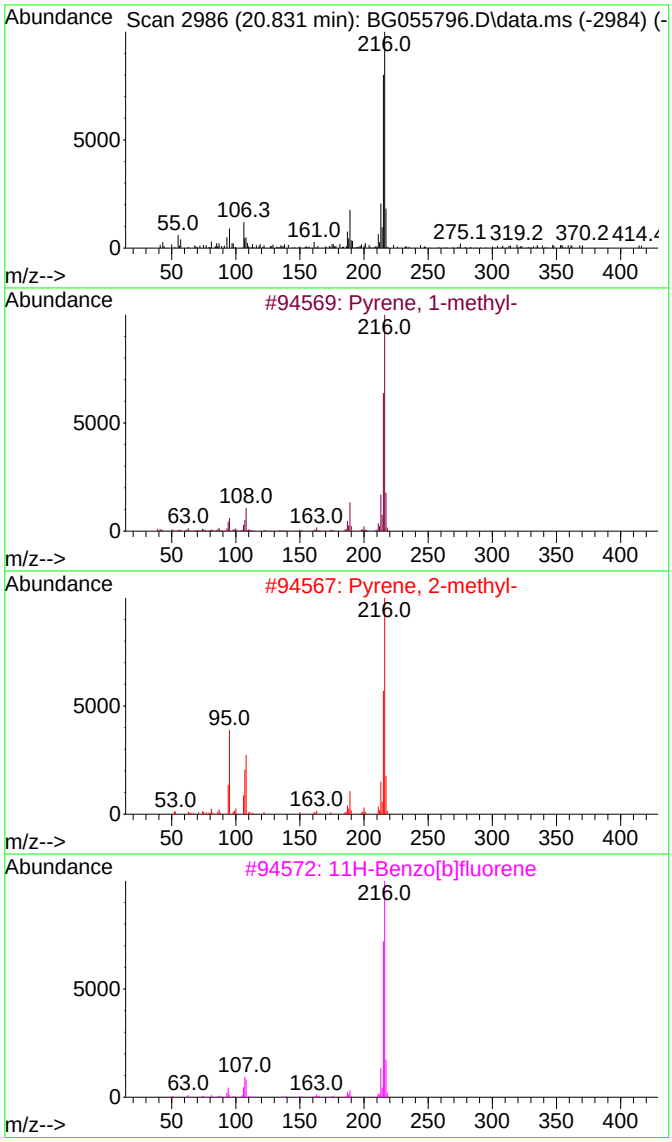
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

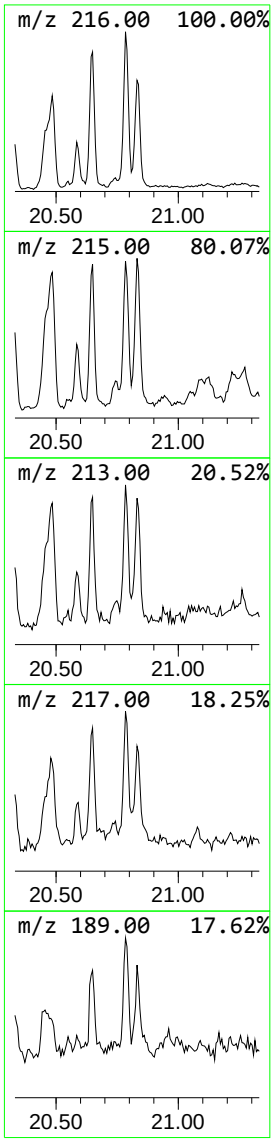
****

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.831	2.20 ng	98744	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055796.D
Acq On : 26 Nov 2022 1:33
Operator : CG/JU
Sample : N5780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
2-Pentanone, 4-...	5.291	5.3	ng	94605	1	8.234	357808	20.0
Benzophenone	16.201	3.1	ng	103478	3	14.856	656140	20.0
Phenanthrene, 2...	18.463	6.1	ng	224233	4	17.600	738969	20.0
Anthracene, 2-m...	18.516	3.8	ng	139245	4	17.600	738969	20.0
5H-Dibenzo[a,d]...	18.663	3.9	ng	142078	4	17.600	738969	20.0
Phenanthrene, 1...	18.698	2.4	ng	89837	4	17.600	738969	20.0
Phenanthrene, 2...	19.374	4.9	ng	179922	4	17.600	738969	20.0
Pyrene, 1-methyl-	20.784	2.5	ng	112573	5	21.895	899243	20.0
Pyrene, 2-methyl-	20.831	2.2	ng	98744	5	21.895	899243	20.0