LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-214

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	321	327	335	rBV	40594	60512	2.39%	0.339%
2	5.692	401	409	419	rBV	659030	1060840	41.94%	5.945%
3	7.307	675	684	697	rBV	647406	1156168	45.71%	6.479%
4	8.147	820	827	835	rBV	144278	244448	9.66%	1.370%
5	9.323	1019	1027	1041	rBV	388040	722661	28.57%	4.050%
6	10.979	1301	1309	1317	rBV	196320	364399	14.41%	2.042%
7	13.406	1715	1722	1738	rBV	1149405	1845030	72.94%	10.340%
8	14.787	1947	1957	1963	rBV	333248	526864	20.83%	2.953%
9	15.827	2129	2134	2144	rVB2	13914	26102	1.03%	0.146%
10	16.273	2203	2210	2228	rBV	839896	1331656	52.64%	7.463%
11	17.184	2358	2365	2372	rBV3	17248	28842	1.14%	0.162%
12	17.348	2388	2393	2401	rVB	16696	26101	1.03%	0.146%
13	17.531	2418	2424	2428	rBV	396818	633125	25.03%	3.548%
14	17.572	2428	2431	2439	rVB	245167	368884	14.58%	2.067%
15	17.666	2439	2447	2452	rBV	24978	43127	1.70%	0.242%
16	17.936	2487	2493	2500	rBV	16845	31059	1.23%	0.174%
17	18.112	2518	2523	2529	rVB	20478	32146	1.27%	0.180%
18	18.406	2565	2573	2577	rBV	59485	94440	3.73%	0.529%
19	18.453	2577	2581	2587	rVB	71017	110590	4.37%	0.620%
20	18.600	2599	2606	2610	rBV2	72270	148471	5.87%	0.832%
21	18.635	2610	2612	2618	rVB	46115	57486	2.27%	0.322%
22	18.900	2652	2657	2660	rBV	42896	62461	2.47%	0.350%
23	18.947	2660	2665	2674	rVB3	55158	92245	3.65%	0.517%
24	19.140	2690	2698	2703	rBV3	20658	46395	1.83%	0.260%
25	19.193	2703	2707	2710	rVV	25013	33902	1.34%	0.190%
26	19.311	2722	2727	2732	rBV	60403	102731	4.06%	0.576%
27	19.364	2732	2736	2741	rVV2	17528	39114	1.55%	0.219%
28	19.458	2747	2752	2758	rBV2	39403	78103	3.09%	0.438%
29	19.581	2766	2773	2778	rBV	500714	725424	28.68%	4.065%
30	19.822	2809	2814	2821	rBV3	25445	55821	2.21%	0.313%
31	19.910	2821	2829	2830	rBV	63613	103102	4.08%	0.578%
32	19.945	2830	2835	2841	rVB	451669	686280	27.13%	3.846%
33	20.004	2841	2845	2849	rBV	33541	59185	2.34%	0.332%
34	20.128	2860	2866	2872	rBV	1828113	2529558	100.00%	14.176%
35	20.269	2882	2890	2895	rBV4	45345	118477	4.68%	0.664%
36	20.427	2907	2917	2923	rVB3	68058	183829	7.27%	1.030%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.533	2930	2935	2938	rBV	28312	41365	1.64%	0.232%
38	20.592	2939	2945	2949	rVV2	65925	97767	3.86%	0.548%
39	20.727	2964	2968	2972	rBV	48452	67683	2.68%	0.379%
40	20.774	2972	2976	2980	rVV2	35651	52104	2.06%	0.292%
41	20.985	3009	3012	3016	rBV4	28902	42556	1.68%	0.238%
42	21.203	3045	3049	3055	rVB	53451	83405	3.30%	0.467%
43	21.391	3079	3081	3085	rVB	27974	32719	1.29%	0.183%
44	21.438	3085	3089	3094	rVV2	93472	144814	5.72%	0.812%
45	21.485	3095	3097	3102	rVV2	32421	45333	1.79%	0.254%
46	21.549	3103	3108	3114	rVB2	44505	81474	3.22%	0.457%
47	21.685	3126	3131	3138	rVB	118027	169952	6.72%	0.952%
48	21.826	3146	3155	3160	rBV2	449421	1056496	41.77%	5.921%
49	21.878	3160	3164	3172	rVB	185408	334003	13.20%	1.872%
50	24.129	3539	3547	3555	rBV	134385	470567	18.60%	2.637%
51	24.893	3670	3677	3688	rVB	87971	254498	10.06%	1.426%
52	25.045	3696	3703	3716	rVB	114613	333975	13.20%	1.872%
53	25.210	3721	3731	3741	rBV2	230018	705825	27.90%	3.956%

Sum of corrected areas: 17844114

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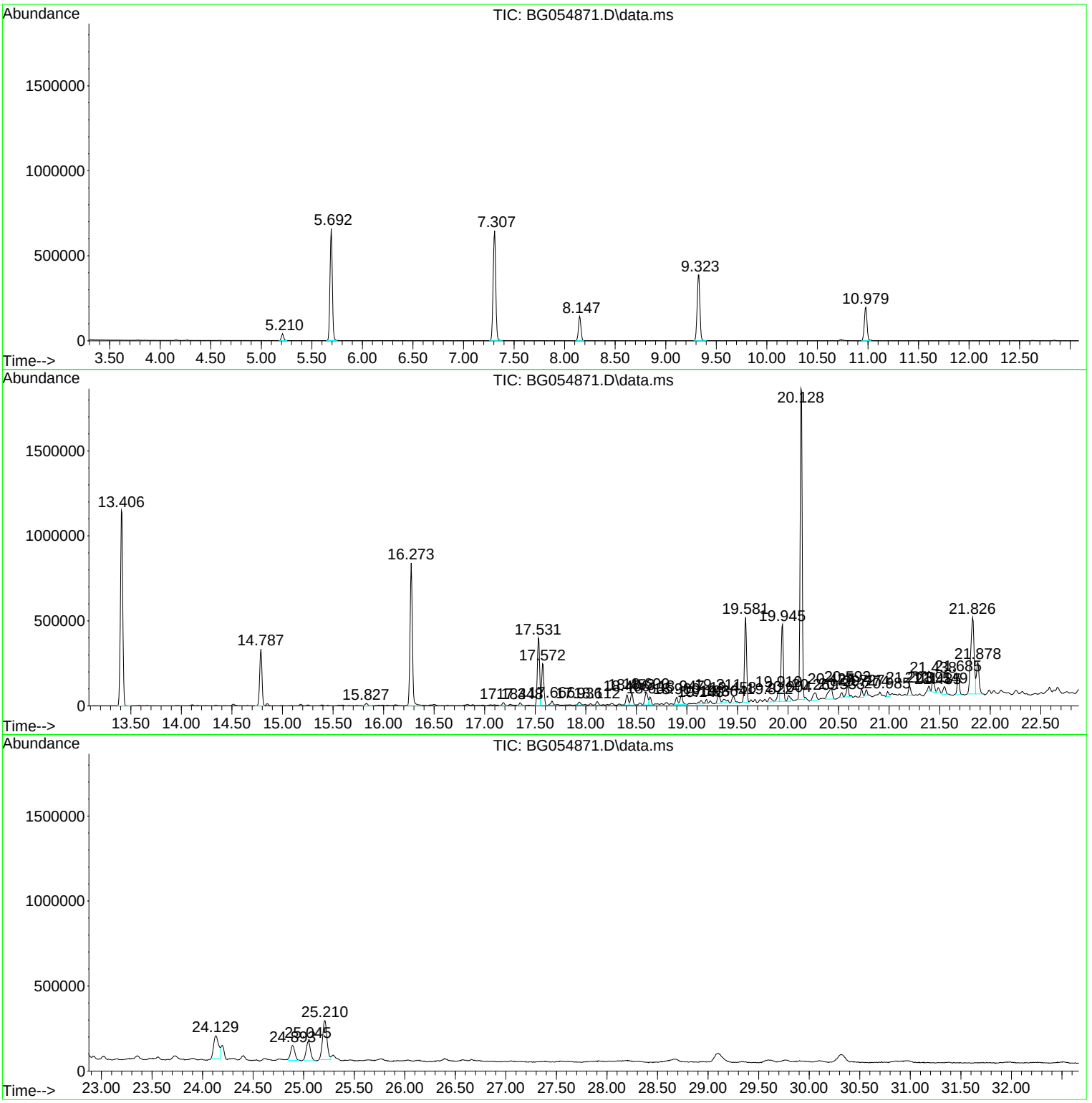
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

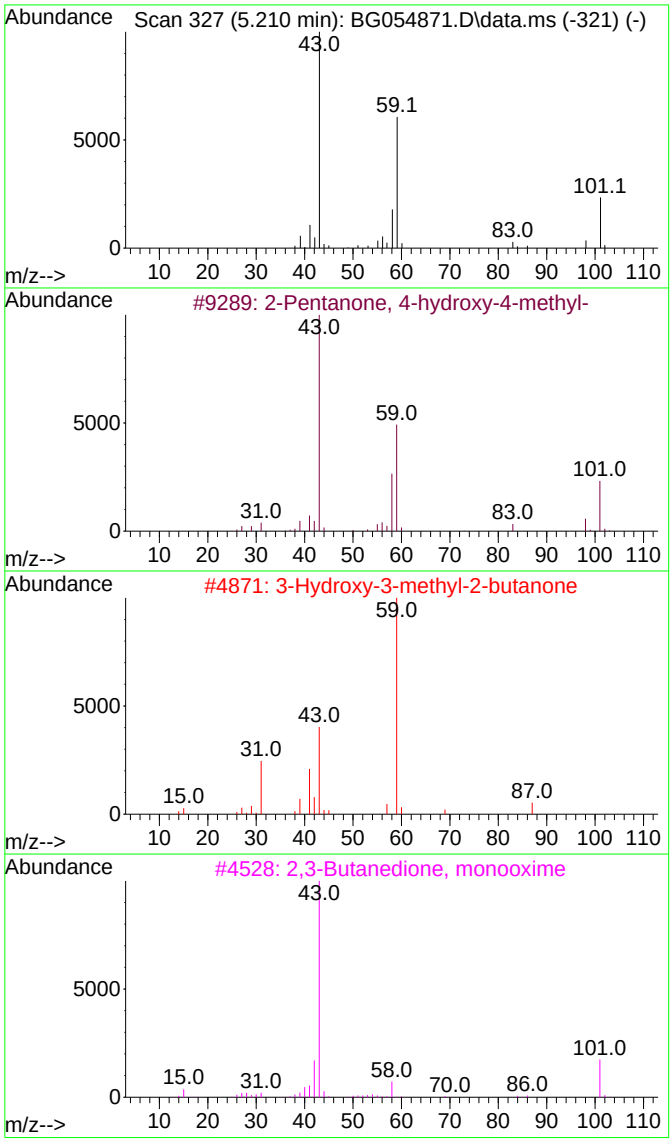
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

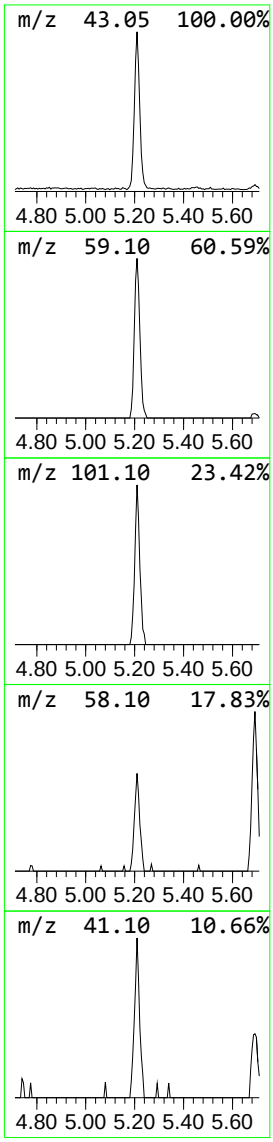
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	4.95 ng	60512	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

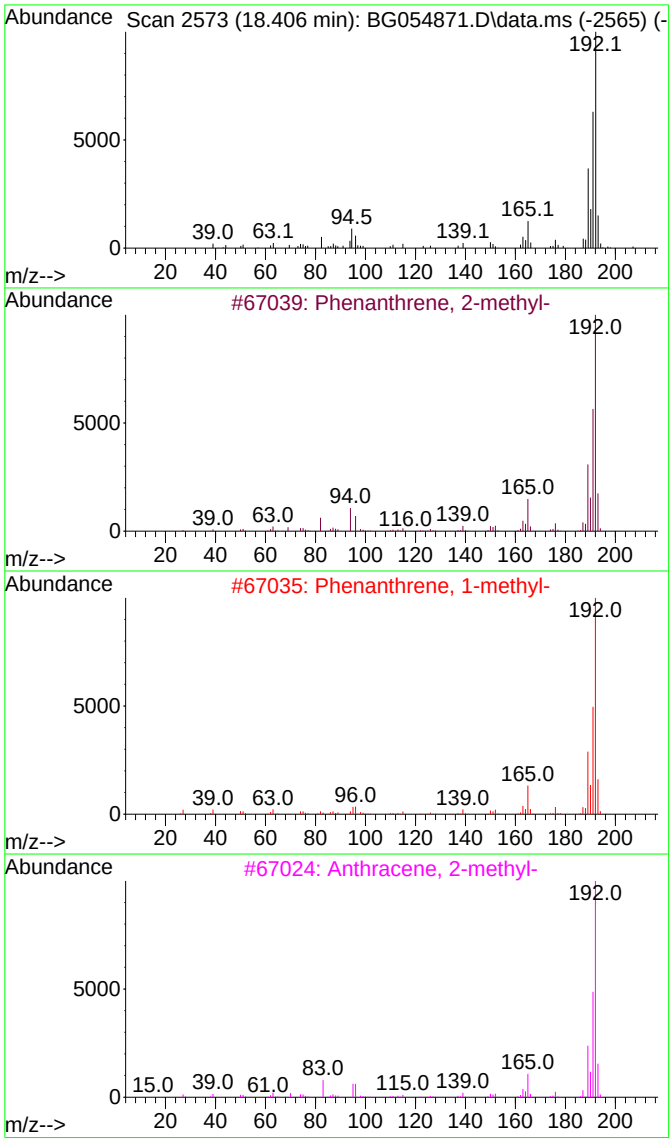
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

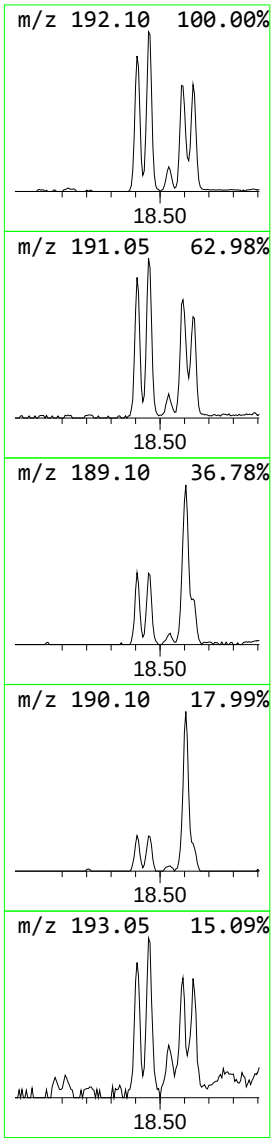
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	2.98 ng	94440	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

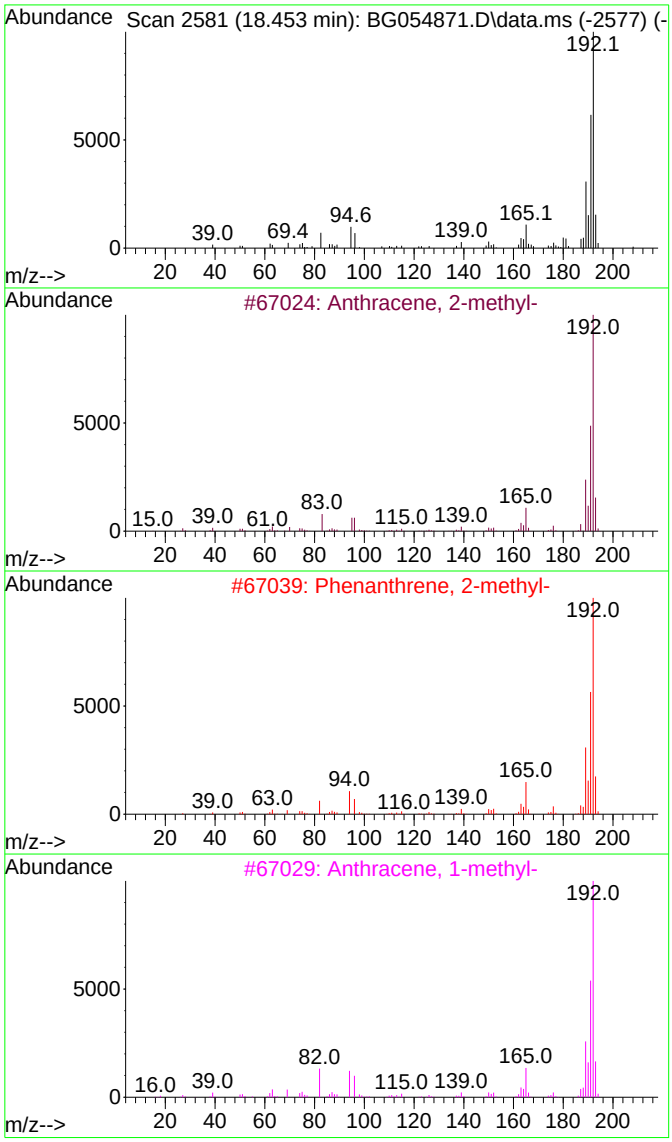
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

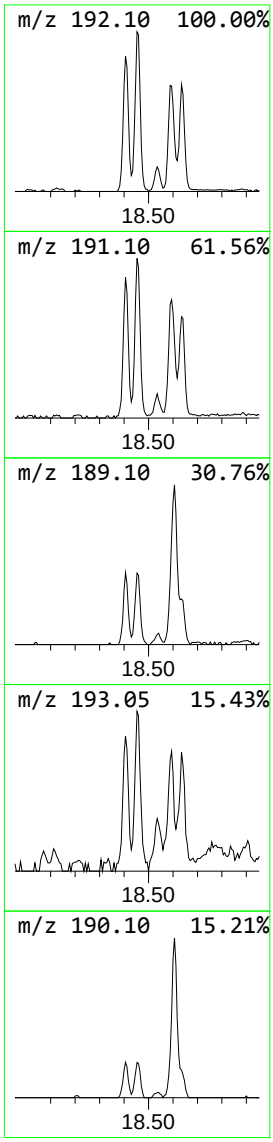
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	3.49 ng	110590	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

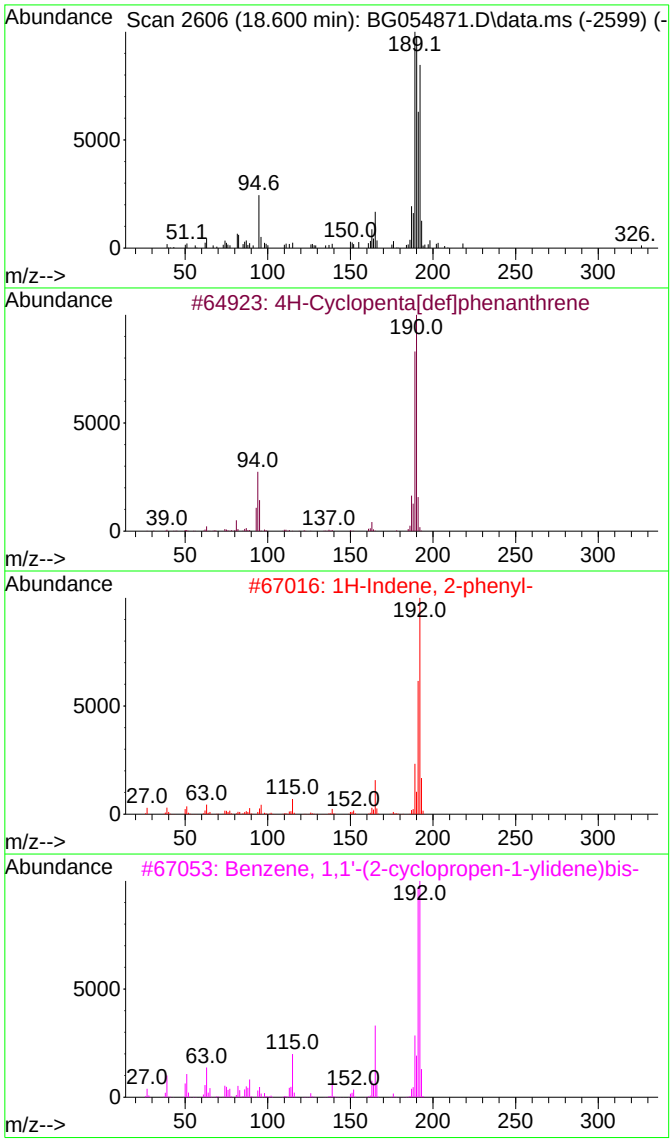
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

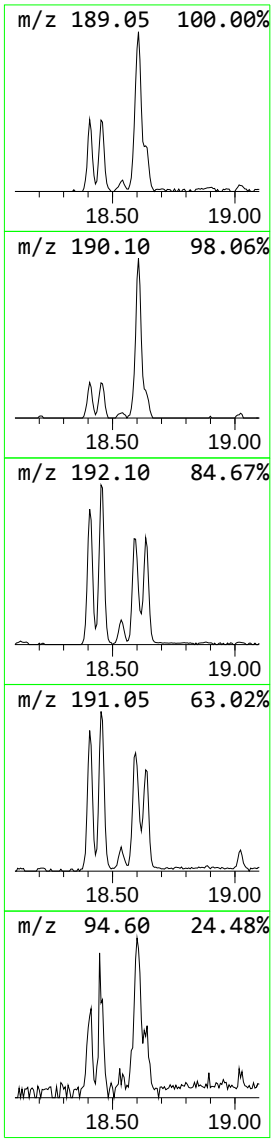
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	4.69 ng	148471	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

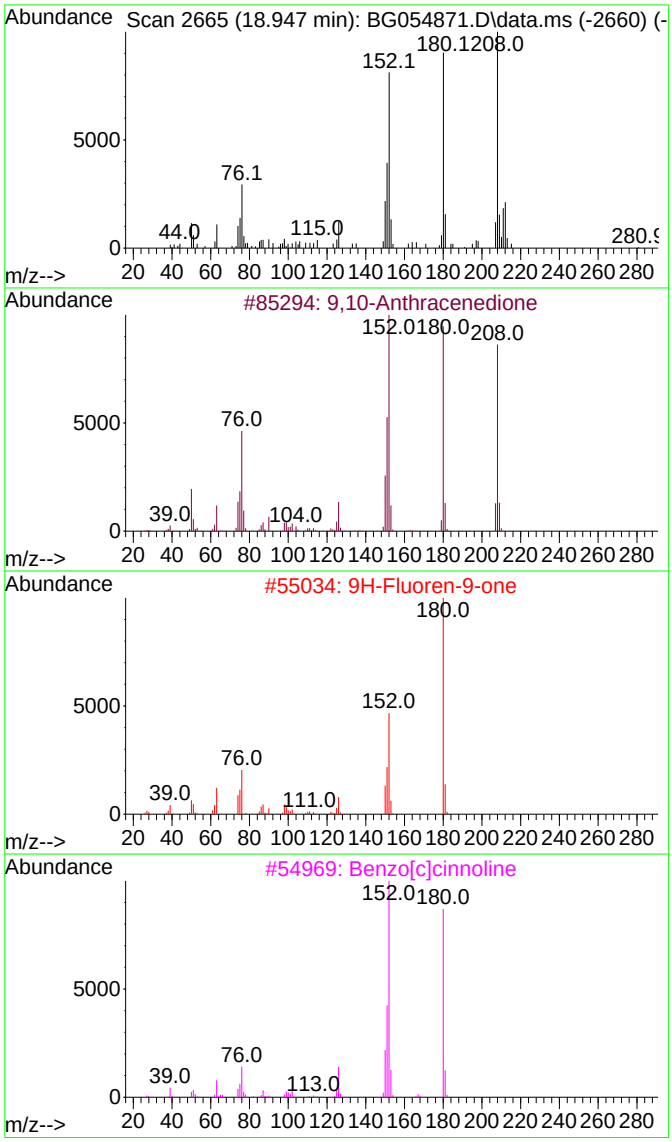
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

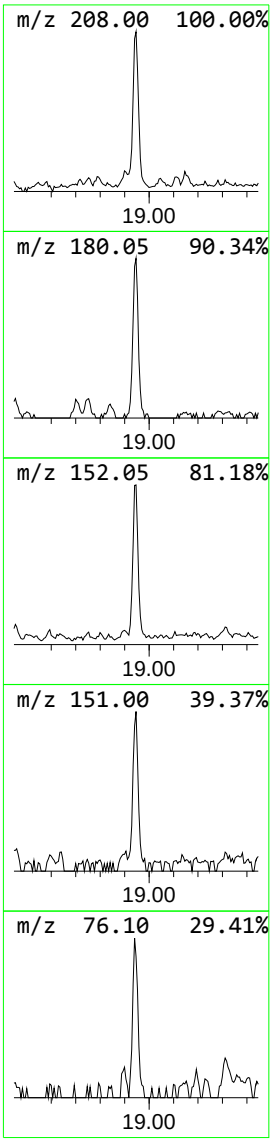
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.947	2.91 ng	92245	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

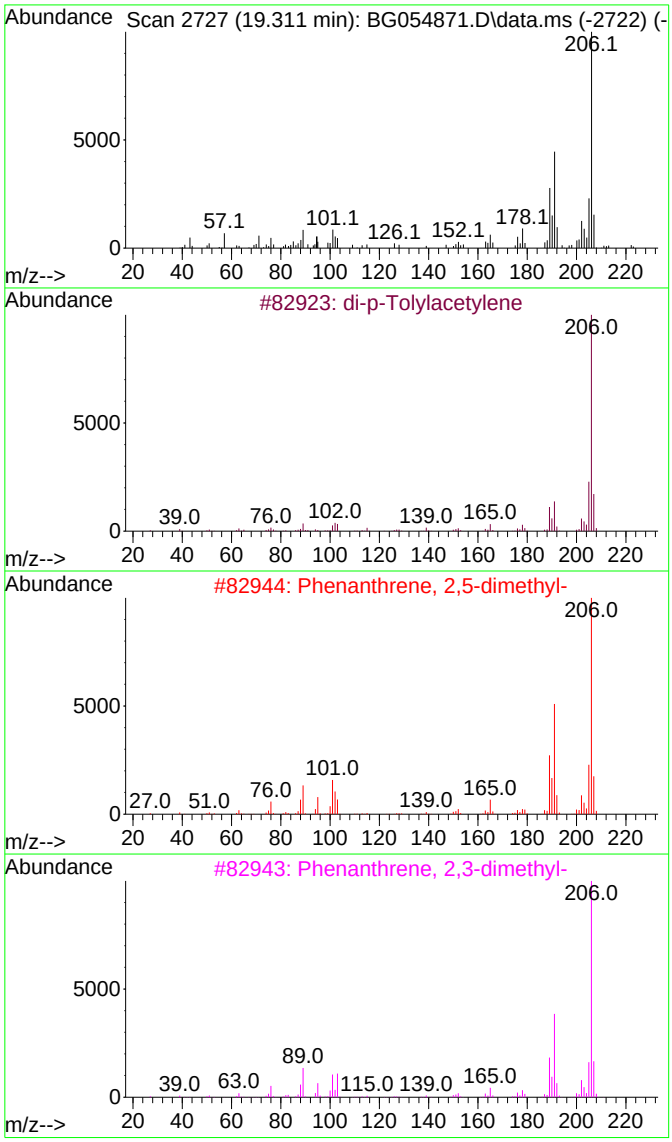
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

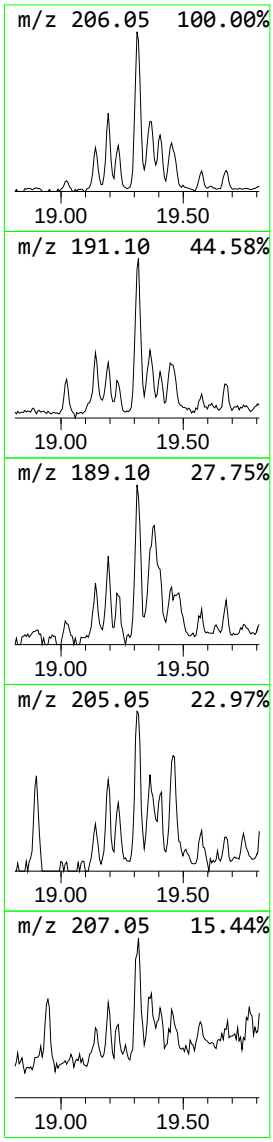
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.311	3.25 ng	102731	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

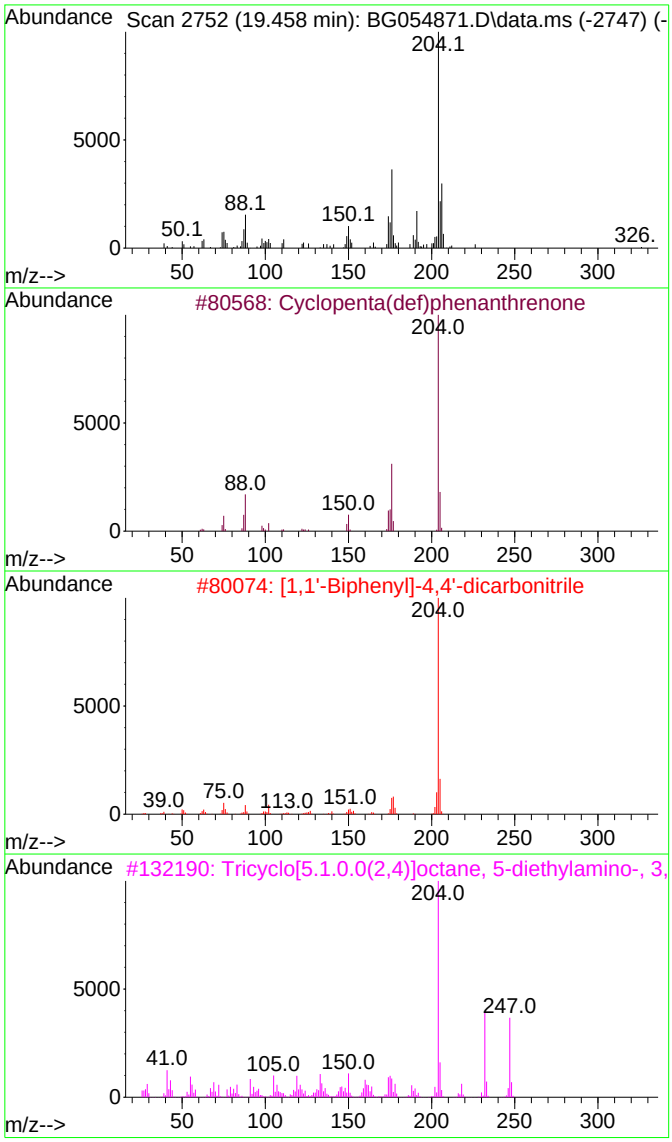
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

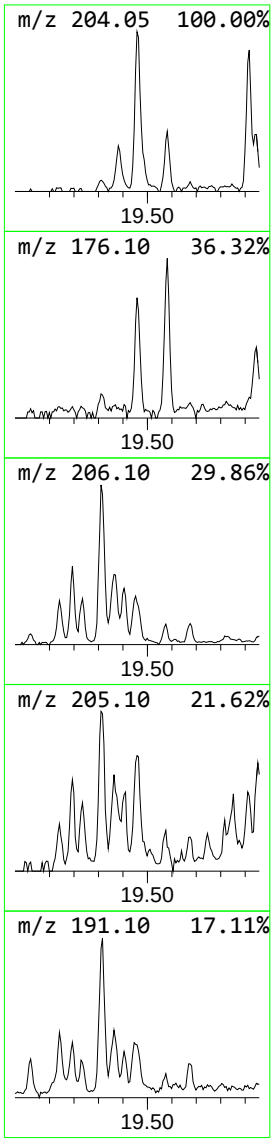
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.458	2.47 ng	78103	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

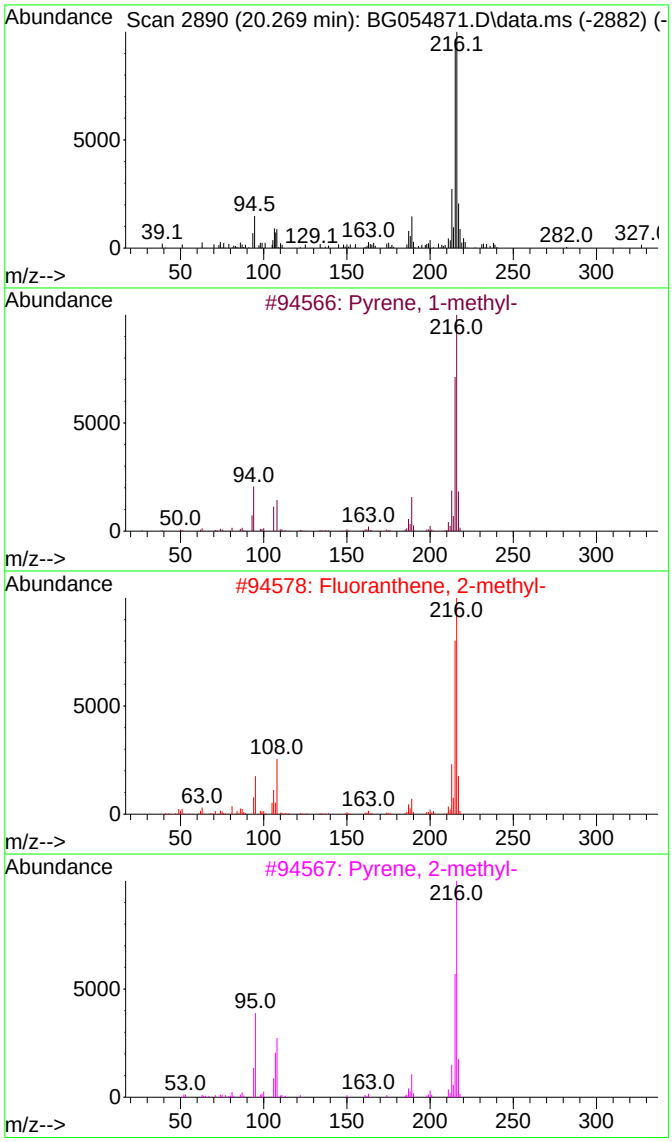
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

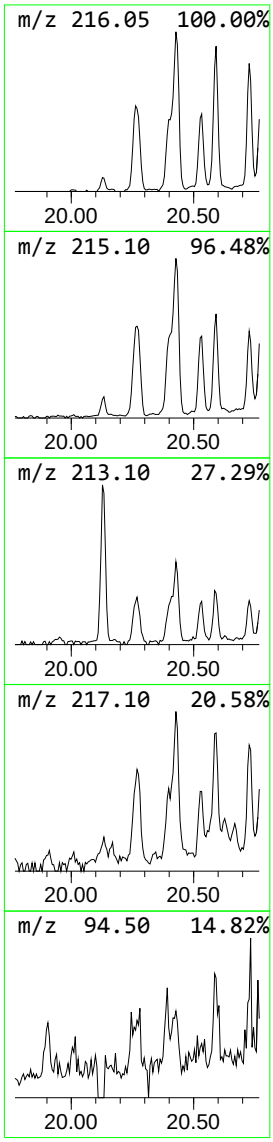
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.269	2.24 ng	118477	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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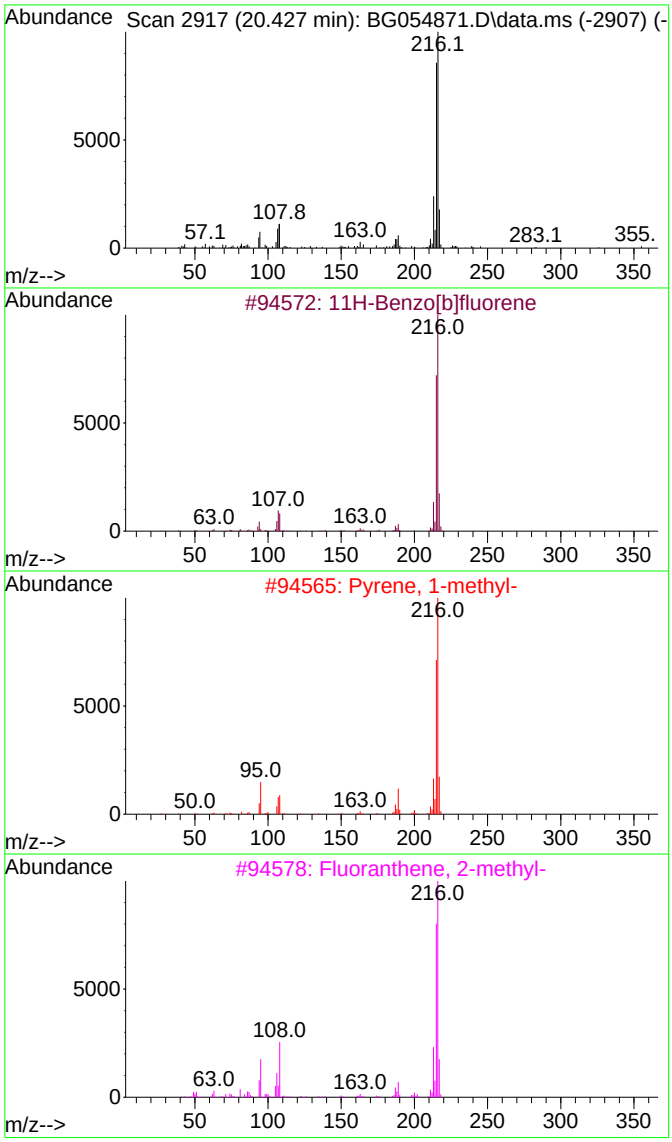
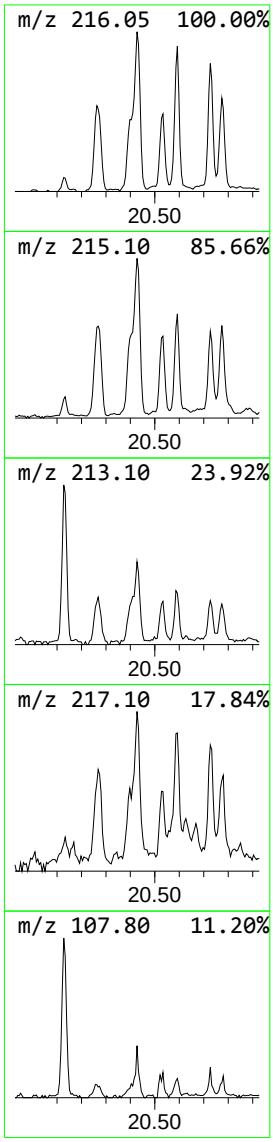
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	3.48 ng	183829	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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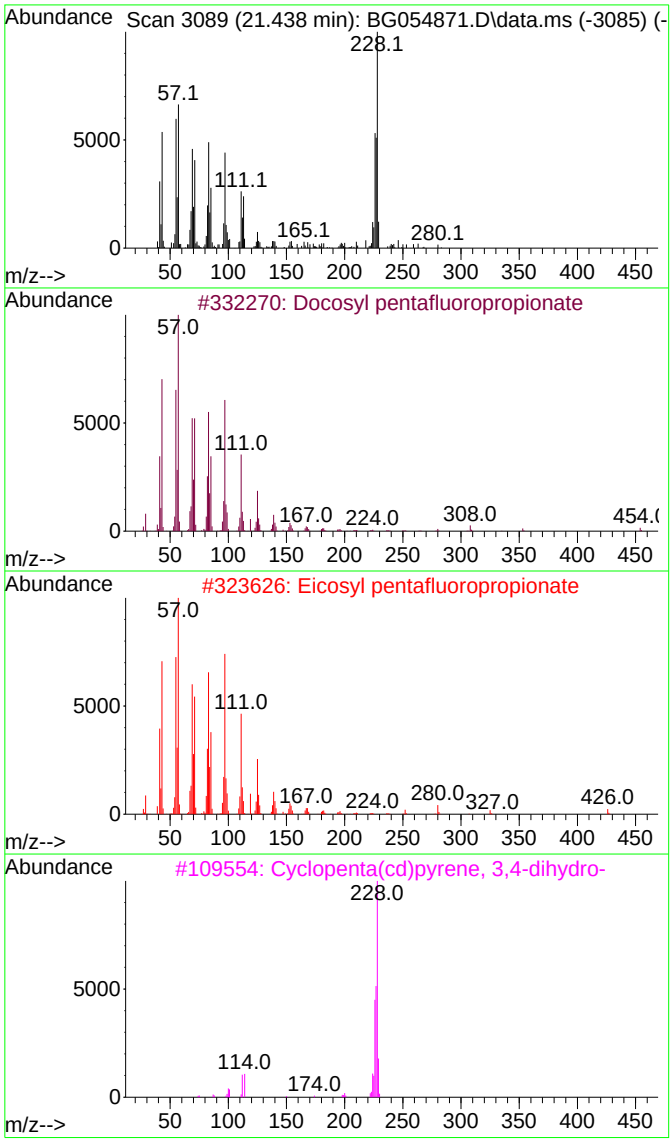
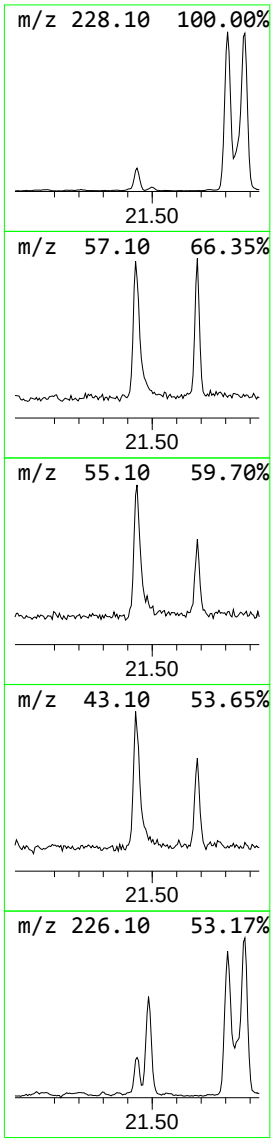
Peak Number 10 Docosyl pentafluoropropionate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.438	2.74 ng	144814	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	41
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	41
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
4	Hexadecyl propyl ether	284	C19H40O	1000406-27-9	38
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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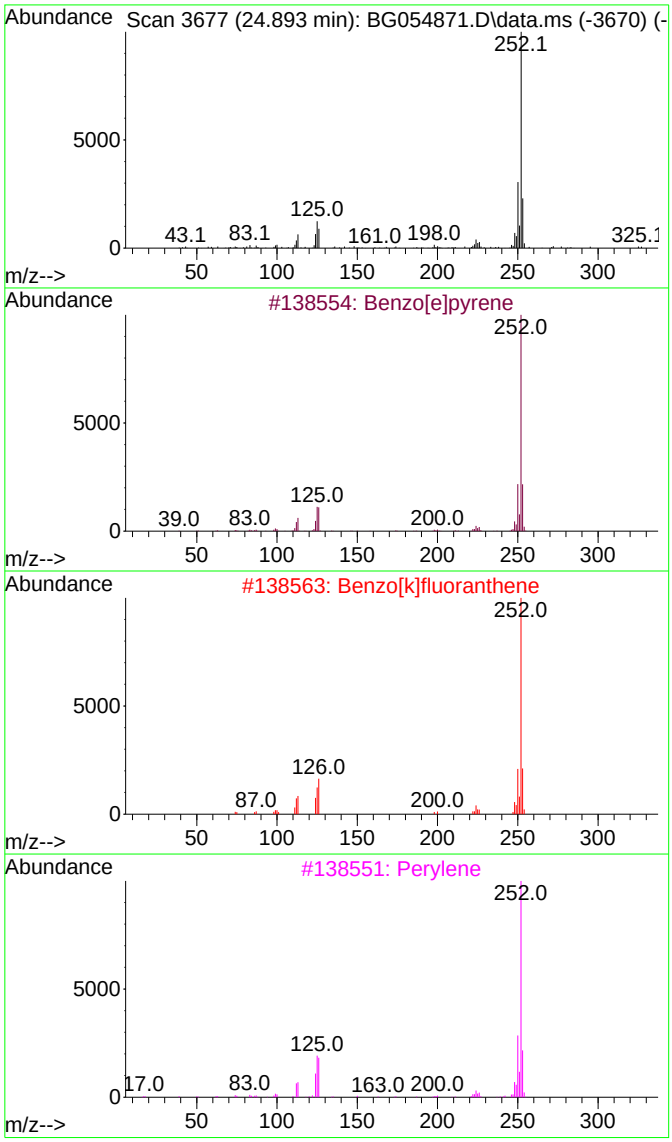
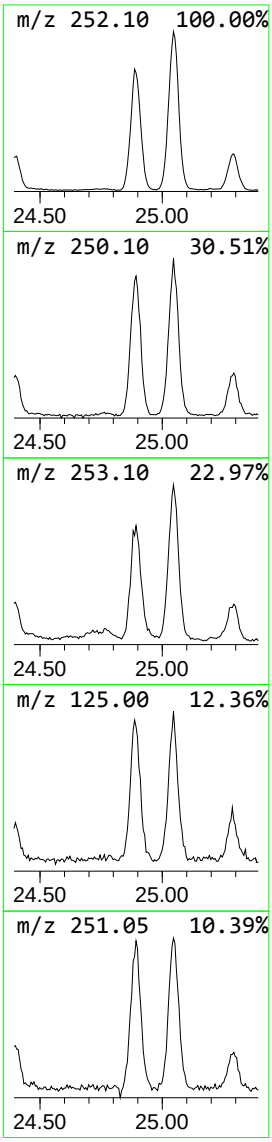
Peak Number 11 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.893	7.21 ng	254498	Perylene-d12	25.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054871.D
Acq On : 7 Sep 2022 16:27
Operator : CG/JU
Sample : N4512-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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-...	5.210	5.0	ng	60512	1	8.147	244448	20.0
Phenanthrene, 2...	18.406	3.0	ng	94440	4	17.531	633125	20.0
Anthracene, 2-m...	18.453	3.5	ng	110590	4	17.531	633125	20.0
4H-Cyclopenta[d...	18.600	4.7	ng	148471	4	17.531	633125	20.0
9,10-Anthracene...	18.947	2.9	ng	92245	4	17.531	633125	20.0
di-p-Tolylacety...	19.311	3.3	ng	102731	4	17.531	633125	20.0
Cyclopenta(def)...	19.458	2.5	ng	78103	4	17.531	633125	20.0
Pyrene, 1-methyl-	20.269	2.2	ng	118477	5	21.831	1056500	20.0
11H-Benzo[b]flu...	20.427	3.5	ng	183829	5	21.831	1056500	20.0
Docosyl pentafl...	21.438	2.7	ng	144814	5	21.831	1056500	20.0
Benzo[e]pyrene	24.893	7.2	ng	254498	6	25.210	705825	20.0