LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FVSUB-TP2-COMP-02

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.384	12	16	26	rBB	21538	32268	4.81%	0.588%
2	5.399	353	359	365	rBB	40324	59741	8.91%	1.088%
3	5.875	433	440	447	rBB	97145	151593	22.60%	2.762%
4	7.491	708	715	722	rBB	105422	178083	26.55%	3.244%
5	8.361	857	863	869	rVB	28673	47387	7.06%	0.863%
6	9.530	1055	1062	1069	rBB	61567	109253	16.29%	1.990%
7	11.193	1338	1345	1352	rBB	40843	70096	10.45%	1.277%
8	13.596	1747	1754	1762	rVB	228706	331102	49.36%	6.032%
9	14.965	1981	1987	1993	rVB	78274	125749	18.75%	2.291%
10	16.445	2232	2239	2250	rVB	291018	444249	66.23%	8.093%
11	17.703	2447	2453	2457	rBV	121063	187555	27.96%	3.417%
12	17.744	2457	2460	2467	rVB	85721	123847	18.46%	2.256%
13	17.832	2467	2475	2482	rBV	22222	36926	5.51%	0.673%
14	18.549	2592	2597	2605	rBV3	23076	46112	6.87%	0.840%
15	18.619	2605	2609	2616	rVV	16189	22768	3.39%	0.415%
16	18.696	2618	2622	2627	rVV	6387	9484	1.41%	0.173%
17	18.772	2627	2635	2638	rVV3	20505	37360	5.57%	0.681%
18	18.801	2638	2640	2645	rVB3	7691	8643	1.29%	0.157%
19	19.060	2679	2684	2687	rBV	9898	14394	2.15%	0.262%
20	19.101	2687	2691	2697	rVB3	6413	9653	1.44%	0.176%
21	19.465	2748	2753	2760	rBV4	5591	11250	1.68%	0.205%
22	19.606	2773	2777	2785	rBV3	7667	14464	2.16%	0.263%
23	19.736	2792	2799	2804	rBV	246178	345442	51.50%	6.293%
24	19.800	2804	2810	2812	rBV5	4651	7056	1.05%	0.129%
25	19.982	2833	2841	2848	rVB4	5796	12669	1.89%	0.231%
26	20.059	2848	2854	2856	rBV2	35526	59062	8.81%	1.076%
27	20.094	2856	2860	2866	rVV	178525	254541	37.95%	4.637%
28	20.159	2866	2871	2874	rVB2	8026	11566	1.72%	0.211%
29	20.276	2885	2891	2896	rBV	523725	670753	100.00%	12.219%
30	20.329	2896	2900	2905	rVB2	5229	8097	1.21%	0.148%
31	20.405	2905	2913	2914	rBV2	14042	20572	3.07%	0.375%
32	20.540	2930	2936	2938	rBV5	8590	17213	2.57%	0.314%
33	20.576	2938	2942	2947	rVB	34925	49493	7.38%	0.902%
34	20.676	2954	2959	2963	rBV	27278	39896	5.95%	0.727%
35	20.734	2963	2969	2973	rVB2	14459	26226	3.91%	0.478%
36	20.881	2990	2994	2996	rVV2	7677	9385	1.40%	0.171%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.928	2998	3002	3009	rVB3	8804	15027	2.24%	0.274%
38	21.363	3071	3076	3081	rVB	14164	23600	3.52%	0.430%
39	21.557	3101	3109	3112	rBV2	17883	37762	5.63%	0.688%
40	21.598	3112	3116	3121	rVV3	28250	55676	8.30%	1.014%
41	21.657	3122	3126	3131	rVV2	17087	36364	5.42%	0.662%
42	21.710	3131	3135	3145	rVB2	19252	36142	5.39%	0.658%
43	22.003	3176	3185	3190	rVV2	158978	456755	68.10%	8.321%
44	22.056	3190	3194	3207	rVB	89767	166292	24.79%	3.029%
45	22.221	3218	3222	3227	rVB2	13991	24844	3.70%	0.453%
46	22.285	3229	3233	3238	rVV5	7303	12002	1.79%	0.219%
47	22.362	3244	3246	3251	rVB	10225	14257	2.13%	0.260%
48	22.444	3254	3260	3265	rVV2	12503	24878	3.71%	0.453%
49	22.791	3310	3319	3324	rBV2	12377	32315	4.82%	0.589%
50	23.020	3354	3358	3363	rVB6	5358	9761	1.46%	0.178%
51	23.085	3365	3369	3373	rBV2	6941	10979	1.64%	0.200%
52	23.231	3386	3394	3395	rBV7	7636	14100	2.10%	0.257%
53	23.566	3445	3451	3459	rBV9	9194	25697	3.83%	0.468%
54	23.795	3487	3490	3496	rVB6	7224	12441	1.85%	0.227%
55	24.377	3579	3589	3598	rBV2	64148	237045	35.34%	4.318%
56	24.659	3629	3637	3643	rBV	12169	30031	4.48%	0.547%
57	25.164	3715	3723	3724	rBV2	31464	58078	8.66%	1.058%
58	25.323	3738	3750	3764	rBV	53630	173227	25.83%	3.156%
59	25.493	3768	3779	3787	rBV2	80713	251293	37.46%	4.578%
60	26.992	4027	4034	4040	rBV10	5051	12415	1.85%	0.226%
61	29.501	4449	4461	4463	rBV	21183	60680	9.05%	1.105%
62	30.200	4570	4580	4584	rBV10	4839	15837	2.36%	0.289%
63	30.746	4663	4673	4674	rBV	16392	37803	5.64%	0.689%

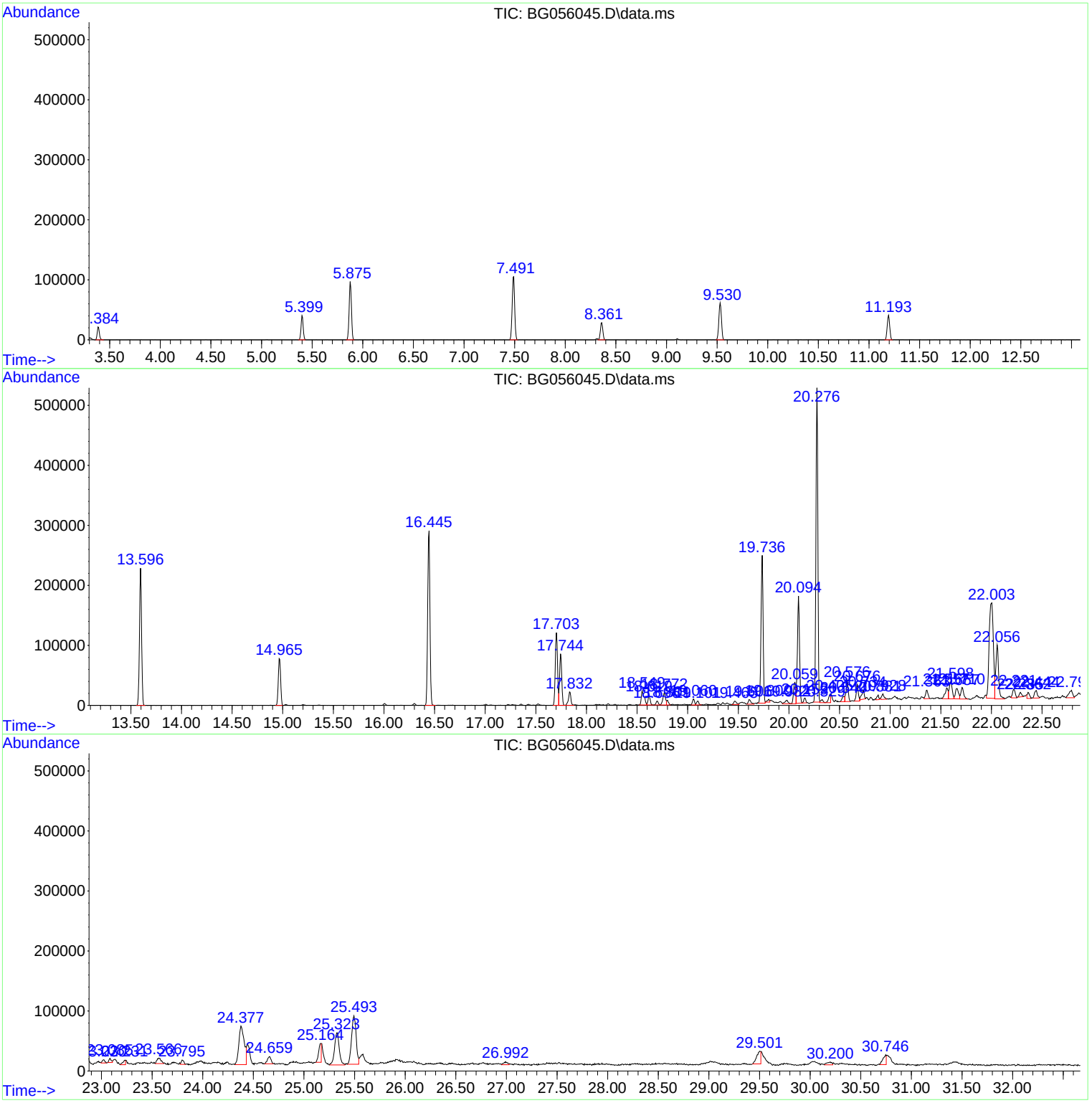
Sum of corrected areas: 5489249

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

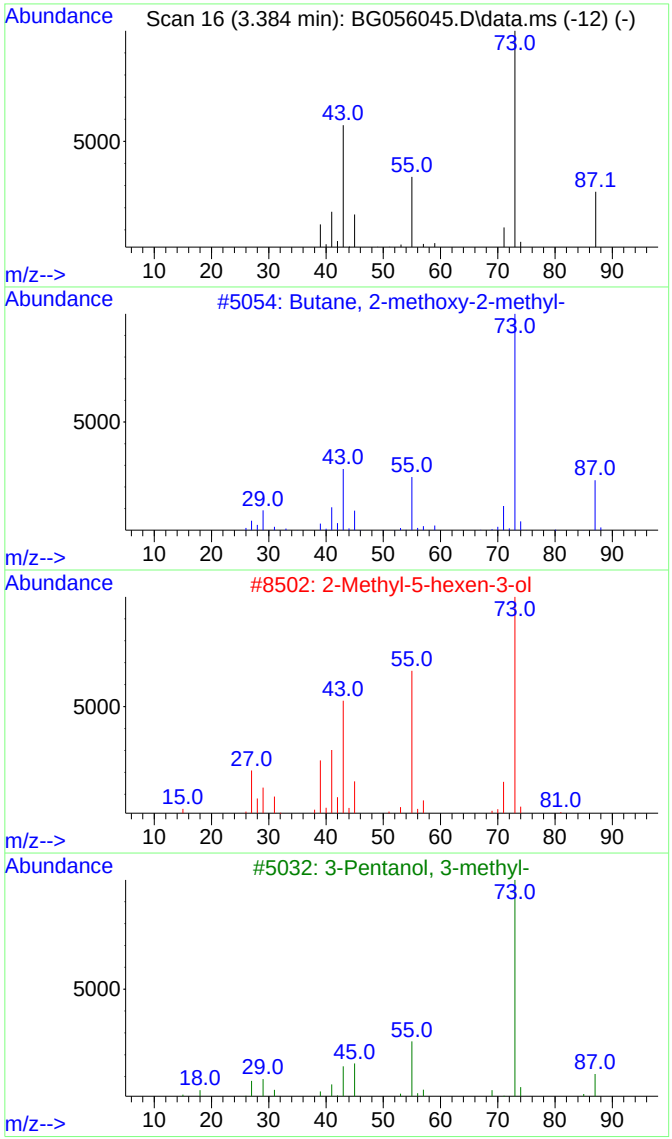
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

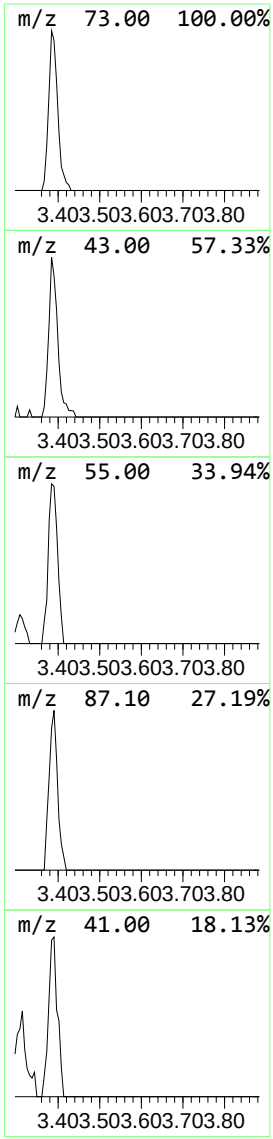
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.384	13.62 ng	32268	1,4-Dichlorobenzene-d4	8.361

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

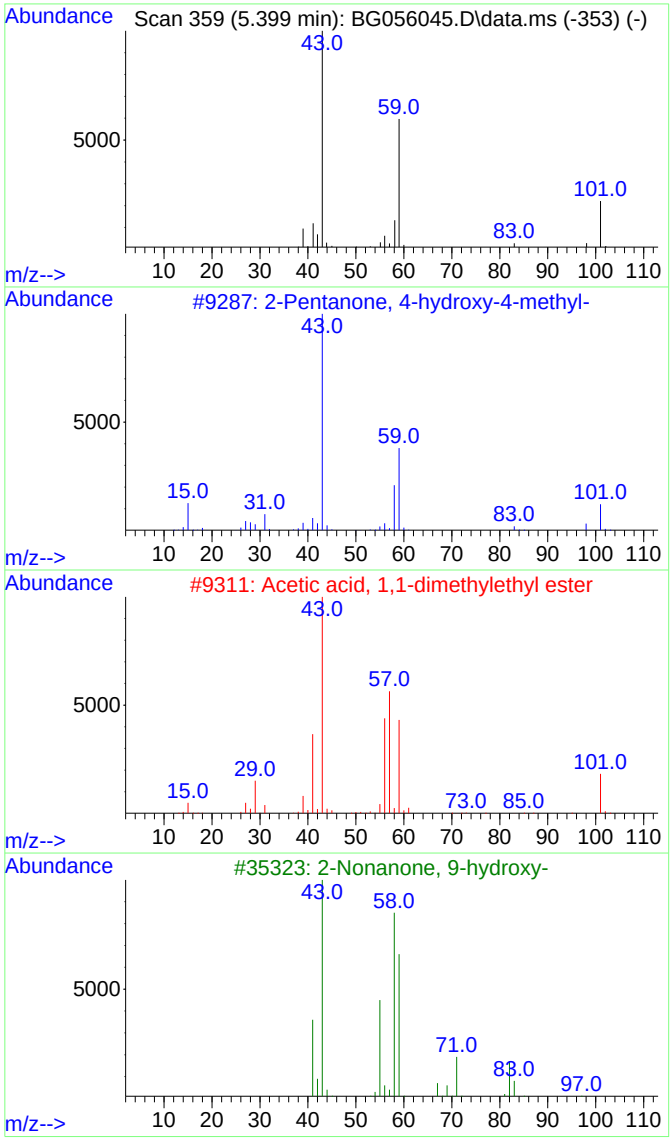
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

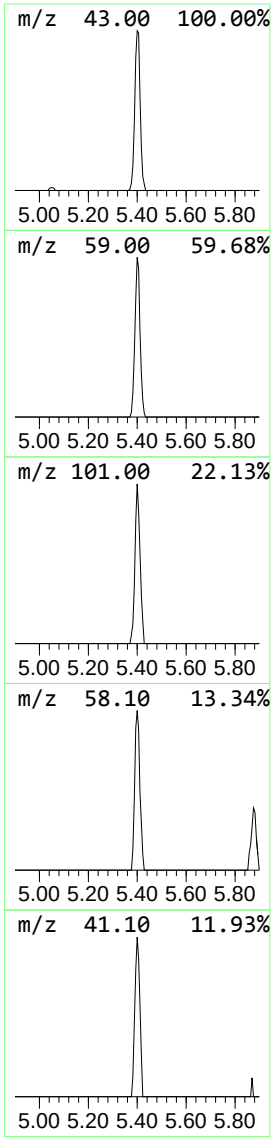
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.399	25.21 ng	59741	1,4-Dichlorobenzene-d4	8.361

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

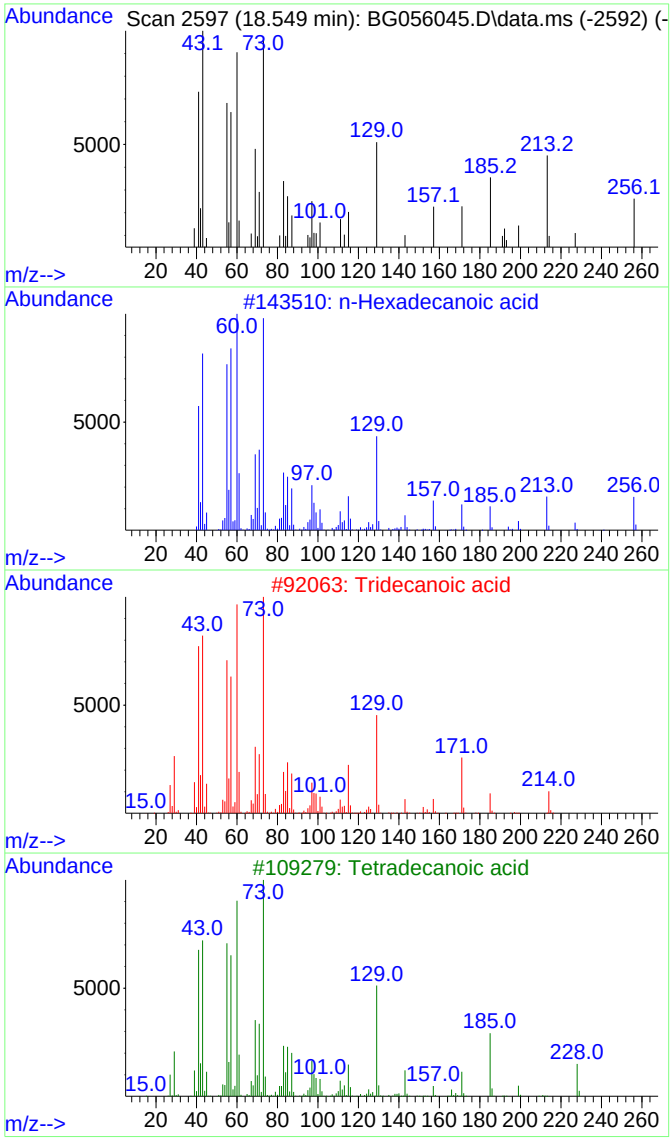
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

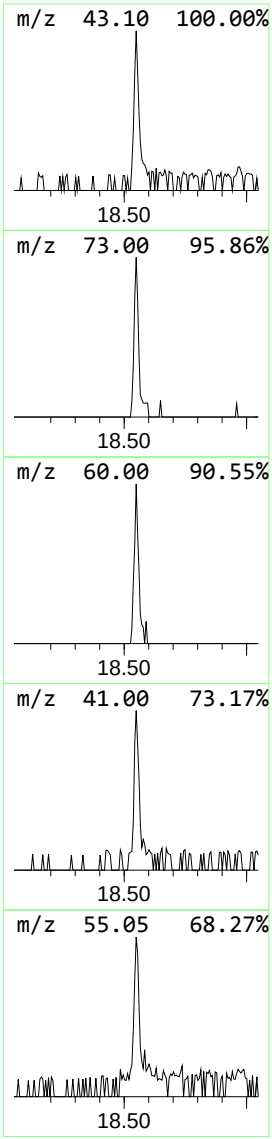
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	4.92 ng	46112	Phenanthrene-d10	17.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	45
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

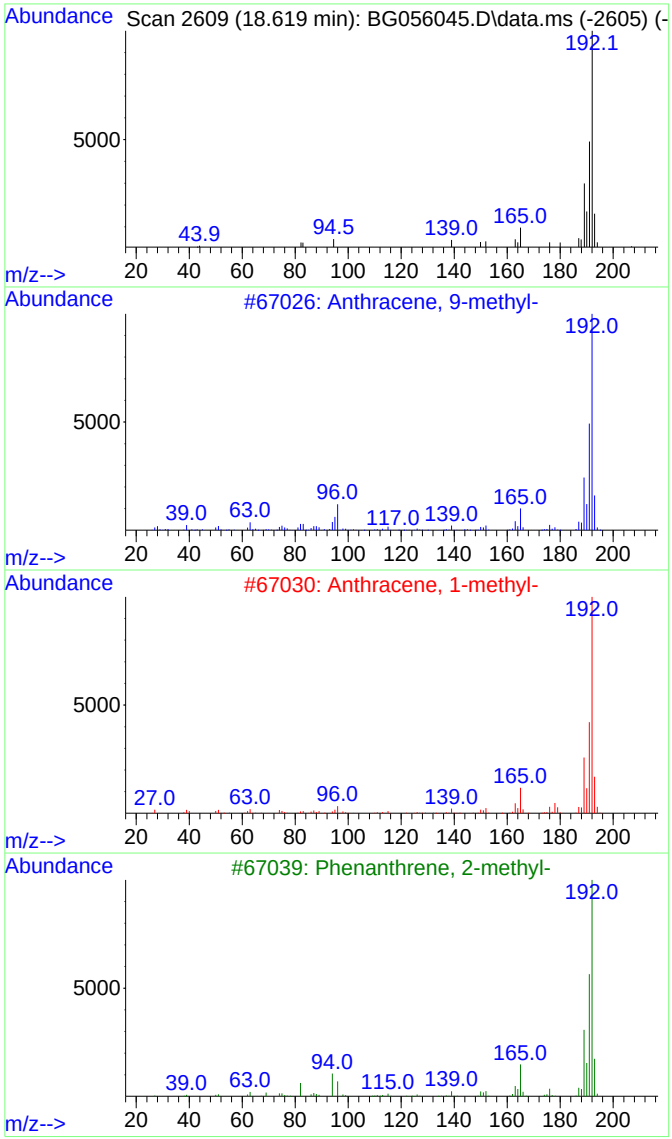
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

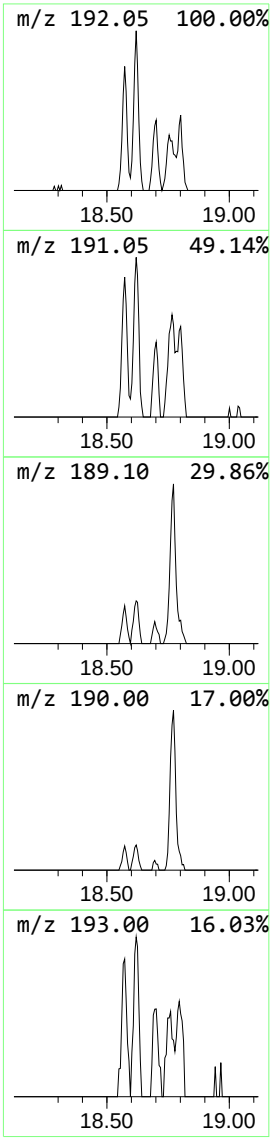
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.619	2.43 ng	22768	Phenanthrene-d10	17.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

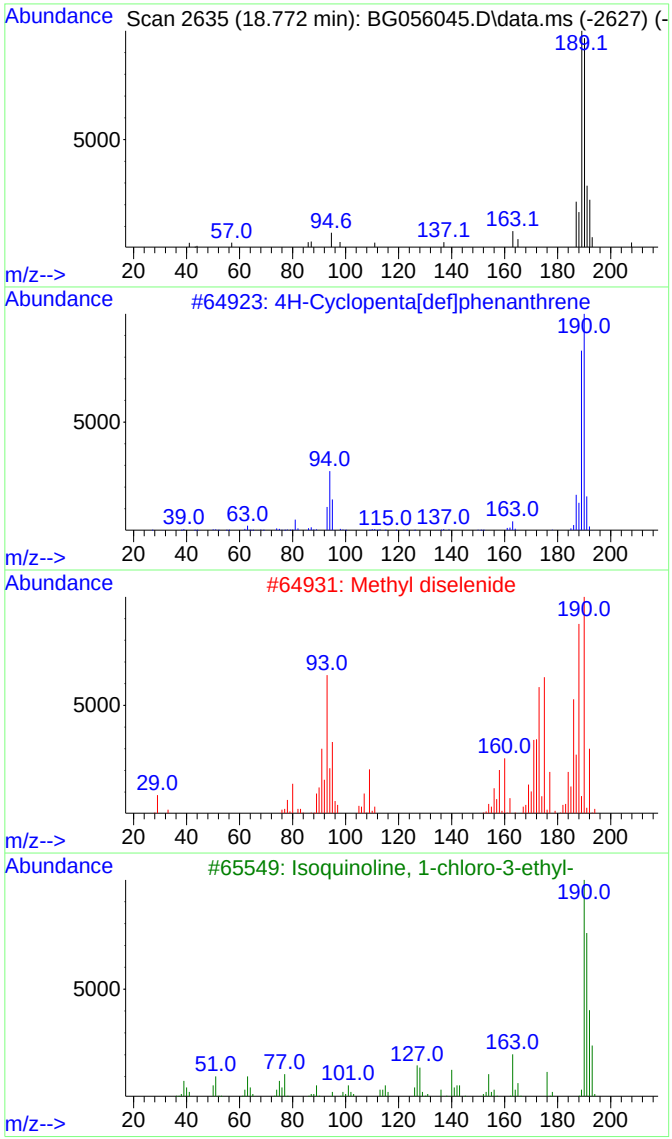
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

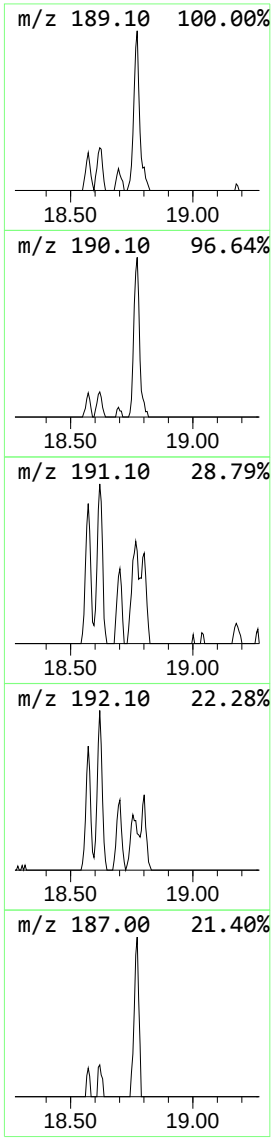
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.772	3.98 ng	37360	Phenanthrene-d10	17.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	12
4	3-Fluoro-5-(trifluoromethyl)benz...	189	C8H3F4N	149793-69-1	9
5	(5-Bromo-1-methyl-1,2,4-triazol-...	191	C4H6BrN3O	1000486-82-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

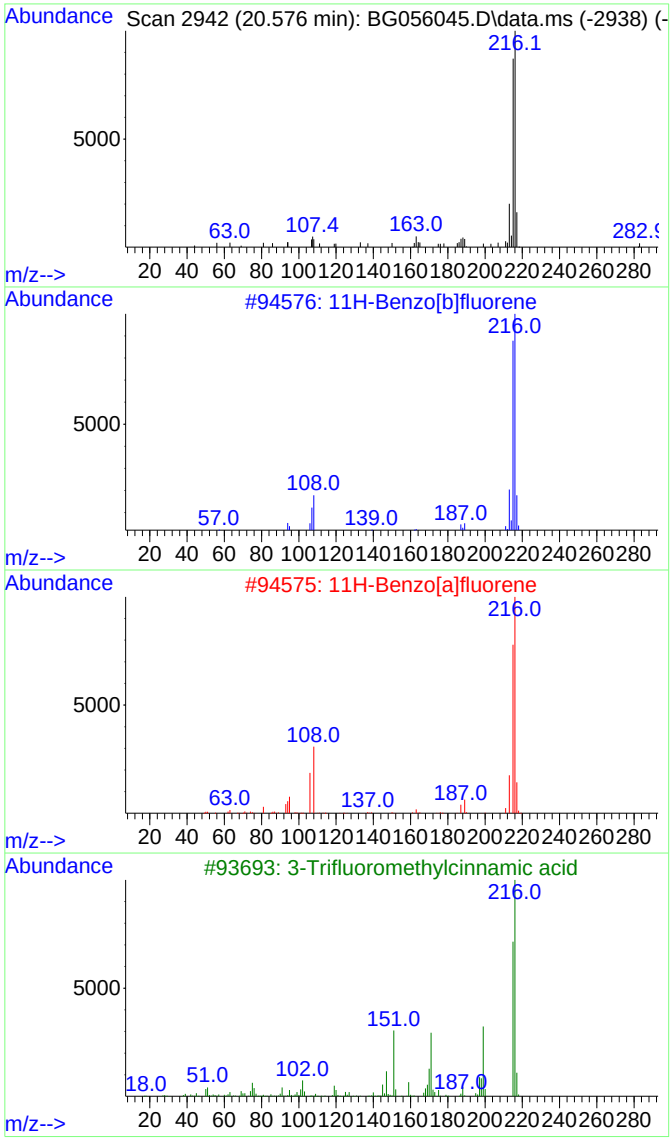
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

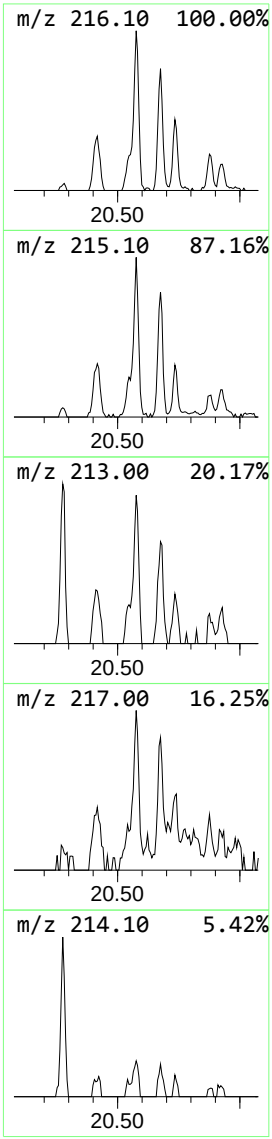
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.576	2.17 ng	49493	Chrysene-d12	22.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

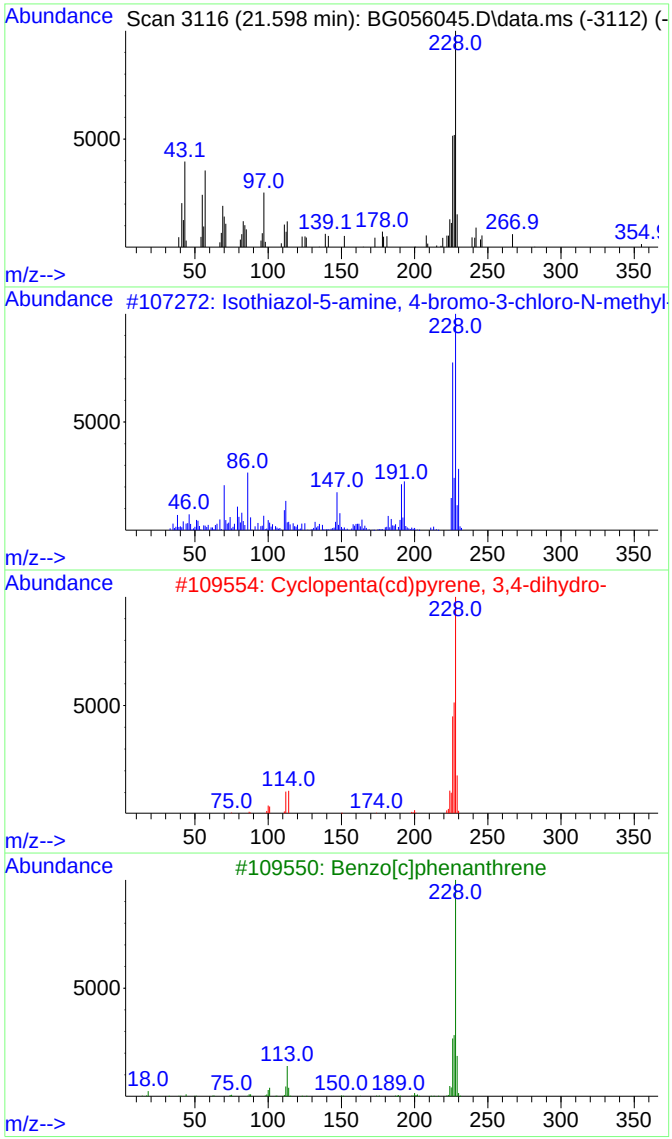
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

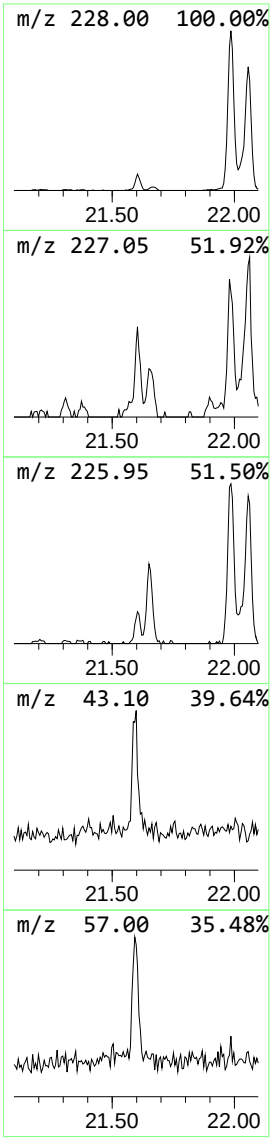
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isothiazol-5-amine, 4-bromo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.598	2.44 ng	55676	Chrysene-d12	22.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	40
5	4-(2-Thienyl)-1(2H)-phthalazinone	228	C12H8N2OS	137382-45-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

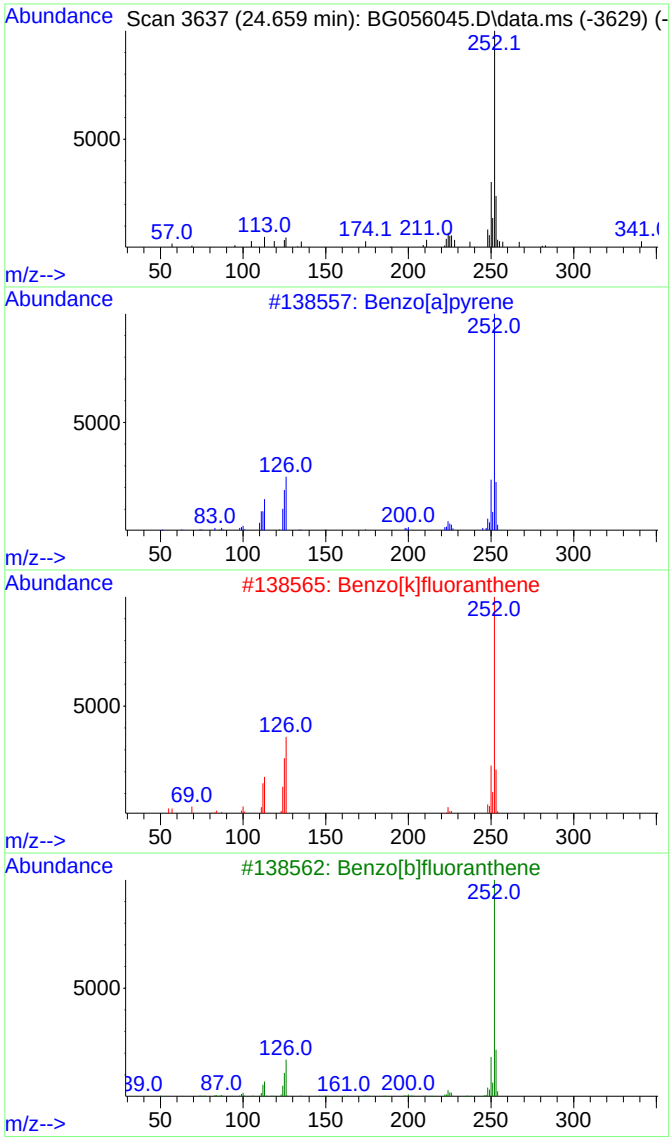
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

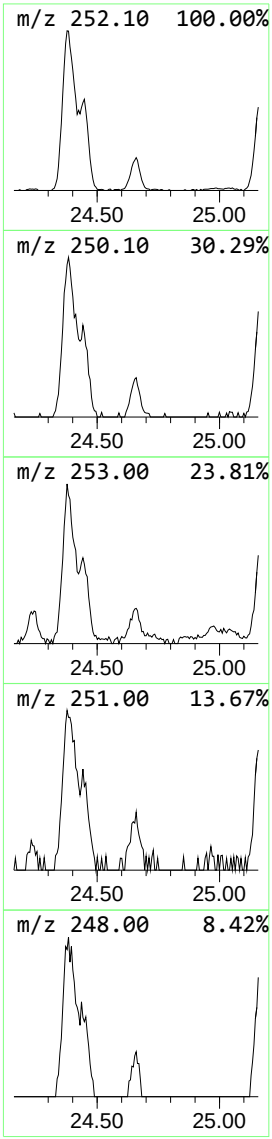
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.659	2.39 ng	30031	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	74
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	72
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72
4	Benzo[e]pyrene	252	C20H12	000192-97-2	72
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

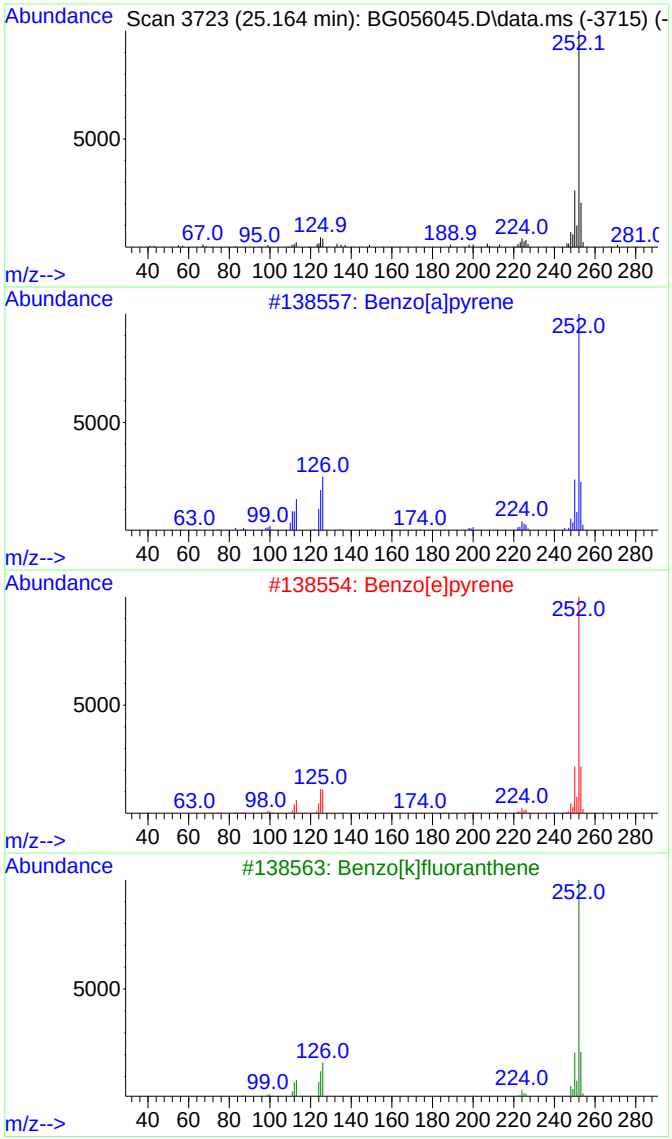
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

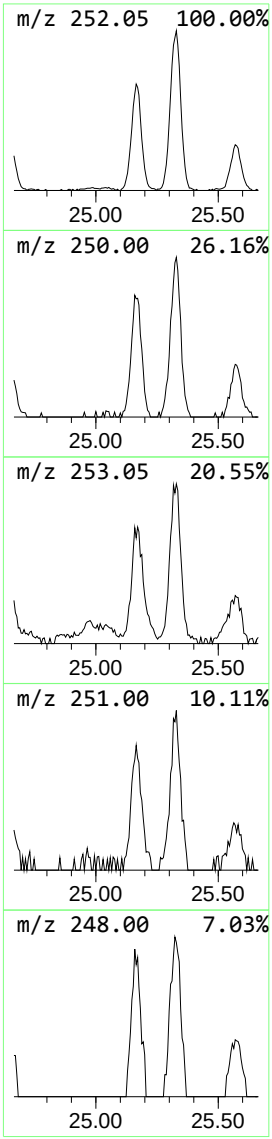
****

Peak Number 9 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.164	4.62 ng	58078	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	87
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056045.D
Acq On : 21 Dec 2022 12:36
Operator : CG/JU
Sample : N6098-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FVSUB-TP2-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
Butane, 2-metho...	3.384	13.6	ng	32268	1	8.361	47387	20.0
2-Pentanone, 4-...	5.399	25.2	ng	59741	1	8.361	47387	20.0
n-Hexadecanoic ...	18.549	4.9	ng	46112	4	17.703	187555	20.0
Anthracene, 9-m...	18.619	2.4	ng	22768	4	17.703	187555	20.0
4H-Cyclopenta[d...	18.772	4.0	ng	37360	4	17.703	187555	20.0
11H-Benzo[b]flu...	20.576	2.2	ng	49493	5	22.009	456755	20.0
Isothiazol-5-am...	21.598	2.4	ng	55676	5	22.009	456755	20.0
Benzo[e]pyrene	24.659	2.4	ng	30031	6	25.494	251293	20.0
Perylene	25.164	4.6	ng	58078	6	25.494	251293	20.0